ÖSSUR®
LIFE WITHOUT LIMITATIONS

Prosthetic Solutions

2026 Catalog







WELCOME TO THE ÖSSUR PROSTHETICS CATALOGUE

ÖSSUR PROSTHETIC SOLUTIONS

For years, Össur has been helping people to feel safe and confident, to rekindle ambitions and focus on new goals rather than limitations, and to feel happy and prepared for life with limb loss.

When you look at why we have been so successful, you will find a whole series of small but significant steps to a better future – comprehensive solutions that are designed with user needs and aspirations always at the top of the agenda.

Össur is pleased to present its most inclusive range of prosthetics ever, with solutions that embrace diverse populations and provide an effective response, whatever the need.

Each prosthetic is developed with different activity levels in mind. Össur prosthetic solutions are our way to make the selection easier and to help you find a solution for your patient.

HIGH QUALITY, HIGH PERFORMANCE PRODUCTS... FOR A LIFE WITHOUT LIMITATIONS

Years of experience in materials technology and innovative design have made Össur a leading developer of prosthetic systems that provide fit and function. Our current product offering is a reflection of this continuing commitment to amputees and to the prosthetic industry.

We are pleased to present a full spectrum of prosthetic solutions, designed to reflect the individual nature of our customers. We remain focused on patient outcomes and a Life Without Limitations® for all the people who use our products. Our underlying goal is to transform the aspirations and experience of everyone we work with.

Össur is proud to work alongside healthcare professionals all over the world, developing the advanced concepts of tomorrow while delivering exceptional solutions today. The company funds one of the largest research and development units in the industry, pursuing the technological breakthroughs that continually set new standards of performance, quality, and comfort.

Össur is an international manufacturer of prosthetic devices and a leading innovator in the field. The company employs a staff of more than 3,000, serving the needs of amputees, prosthetists, and healthcare professionals worldwide. As part of this service, we provide expert advice, training, and technical assistance. Össur operates a quality management system that meets the requirements of ISO 13485 and 14001. Products are CE-marked and conform to standards and other normative documents outlined in the EC (CE) Declaration of Conformity.

IMPACT LEVELS

LOW

Daily activities involving gentle, steady walking with the use of a walking aid.

Example: Moving around at home, modest walking in the community.



MODERATE

Daily activities involving average walking with the ability to vary speed or walking pattern.

Example: Going to the shops, confident outdoor walking.



HIGH

Daily activities involving fast walking, jogging and climbing stairs.

Example: Heavy-lifting, manual labour, recreational sports.



EXTREME

Activities involving running, track and field, sprinting, and long-distance running.

Example: Track and field sports.



ÖSSUR PROSTHETICS PRODUCT CATALOGUE

TABLE OF CONTENTS

ÖSSUR LINERS 9

ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR 12

ICEROSS SEAL-IN® X 14

ICEROSS SEAL-IN® X LOCKING 16

ICEROSS SEAL-IN® V TRANSTIBIAL WITH WAVE 18

ICEROSS SEAL-IN® X5 TRANSTIBIAL WITH WAVE 19

ICEROSS SEAL-IN® X5 TRANSTIBIAL 20

ICEROSS DERMO SEAL-IN® 21

ICEROSS® SYNERGY™ LOCKING WITH WAVE 22

ICEROSS® SYNERGY™ LOCKING 23

ICEROSS DERMO® LOCKING WITH WAVE 24

ICEROSS DERMO® LOCKING 25

ICEROSS COMFORT® LOCKING WITH WAVE 26

ICEROSS COMFORT® LOCKING 27

ICEROSS® ORIGINAL LOCKING 28

ICEROSS® SPORT LOCKING 29

ICEROSS® SYNERGY™ CUSHION 30

ICEROSS® SYNERGY™ CUSHION WITH WAVE 31

ICEROSS DERMO® CUSHION 32

ICEROSS DERMO® CUSHION WITH WAVE 33

ICEROSS COMFORT® CUSHION 34

ICEROSS® ACTIVA CUSHION 35

ICEROSS® SLEEVE 36

ICEFORM® SLEEVE 37

ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR 38

ICEROSS SEAL-IN® X TF 40

ICEROSS SEAL-IN® X LOCKING TF 42

ICEROSS SEAL-IN® X5 TRANSFEMORAL 44

AEROFIT SEAL-IN® 45

ICEROSS SEAL-IN® TRANSFEMORAL 46

ICEROSS® TRANSFEMORAL LOCKING 47

ICEROSS® UPPER-X LOCKING 48

ACCESSORIES 49

ÖSSUR SOCKETS 52

DIRECT SOCKETS 53

DIRECT SOCKET TT 54

ICEROSS® CASTING LINER TT 56

DIRECT SOCKET TF 57

AEROFIT® SOCKETS 59

AEROFIT® SOCKET 60

AEROFIT® VENTS 63

AEROFIT® TOOL KIT 66

ÖSSUR PROSTHETICS PRODUCT CATALOGUE

TABLE OF CONTENTS

ICEROSS® CASTING LINER TF 67
DIRECT SOCKET TOOL KIT 68
DIRECT SOCKET TOOLS AND TOOL KIT SPARE PARTS 69
DIRECT SOCKET MATERIALS 70
CONNECT® TF 75
PRESSURE PADS 78

ÖSSUR KNEES AND LEGS 79
POWER KNEE™ 81
NAVII® 84
RHEO KNEE® 88
MAUCH® KNEE 92
TOTAL KNEE® 1900 93
TOTAL KNEE® 2000 96
TOTAL KNEE® 2100 99
LOCKING KNEE 102

ÖSSUR FEET 103
UNITY® VACUUM SUSPENSION SYSTEM 104
BALANCE™ FOOT S 105
BALANCE™ FOOT S TORSION 109
FLEX-FOOT BALANCE® WITH D/P FLEXION™ 113
FLEX-FOOT® BALANCE 117
BALANCE™ FOOT J 122
FLEX-FOOT ASSURE® 127
PROPRIO FOOT® 133
PRO-FLEX® TERRA 139
PRO-FLEX® PIVOT 144
PRO-FLEX® XC 149
PRO-FLEX® XC TORSION 155
PRO-FLEX® ST 160
PRO-FLEX® MODULAR 166
PRO-FLEX® LP 170
PRO-FLEX® LP TORSION 176
PRO-FLEX® LP ALIGN 181
VARI-FLEX® 185
LP VARI-FLEX® 193
RE-FLEX ROTATE™ 198
RE-FLEX SHOCK™ 206
TORSION SHOCK ADAPTER 214
CHEETAH® XPLORE 215
FLEX-SYMES™ 219
CHOPART 223
UNITY® SPARE PARTS 226

ÖSSUR PROSTHETICS PRODUCT CATALOGUE

TABLE OF CONTENTS

ÖSSUR SPORT SOLUTIONS 227
- CHEETAH® KNEE 228
- CHEETAH® XPANSE 230
- CHEETAH® XCEL 233
- CHEETAH® XCEED 238
- CHEETAH® XTREME 241
- CHEETAH® XTEND 245
- FLEX-RUN™ 249
- FLEX-FOOT CHEETAH® 252

ÖSSUR JUNIOR SOLUTIONS 255
- ICEROSS STABILO® JUNIOR LOCKING LINER WITH WAVE 257
- ICEROSS DERMO® JUNIOR LOCKING LINER WITH WAVE 258
- PRO-FLEX® LP JUNIOR 259
- VARI-FLEX® JUNIOR 261
- CHEETAH® JUNIOR WITH NIKE SOLE 264
- CHEETAH® XPLORE JUNIOR 266
- FLEX-RUN™ JUNIOR WITH NIKE SOLE 269
- TOTAL KNEE® JUNIOR 271
- JUNIOR ADAPTERS WEIGHT LIMIT 45KG (100LBS) 274
- JUNIOR ADAPTERS WEIGHT LIMIT 60KG (132LBS) 275

ÖSSUR POST-OP SOLUTIONS 277
- ÖSSUR RIGID DRESSING (ORD) 280
- ICEROSS® POST-OP TT LINER 281
- ICEROSS® POST-OP TF LINER 282

ÖSSUR ICELOCK® SERIES 283
- ICELOCK® 100 SERIES 285
- ICELOCK® 200 SERIES 286
- ICELOCK® 300 SERIES 290
- ICELOCK® 500 SERIES 292
- ICELOCK® 544 SERIES 293
- ICELOCK® 562 HYBRID 296
- ICELOCK® 600 SERIES 297
- ICELOCK® 700 SERIES 301
- ICELOCK® 850 HYBRID 303

ÖSSUR ADAPTERS 305
- WEIGHT LIMIT 100KG (220LBS) 306
- WEIGHT LIMIT 125KG (275LBS) 310
- WEIGHT LIMIT 166KG (365LBS) 310
- KNEE ROTATION ADAPTER 314
- VACU VALVE 315

ÖSSUR PROSTHETICS PRODUCT CATALOGUE

TABLE OF CONTENTS

ÖSSUR UPPER LIMB 316
- MCPDRIVER® 318
- THUMBDRIVER® 320
- PIPDRIVER® 322
- PIPDRIVER® 323
- GRIPLOCK FINGER® 324
- i-LIMB® FEATURE OVERVIEW 327
- i-LIMB® QUANTUM 328
- i-LIMB® ULTRA 330
- i-LIMB® ACCESS 332
- i-LIMB® DIMENSIONS 334
- ELECTRODES 336
- CHARGERS & BATTERIES 338
- REPLACEMENT PARTS 339
- COVERINGS 341
- i-DIGITS® QUANTUM 346
- i-DIGITS® ACCESS 347
- i-DIGITS® DIMENSIONS & INPUT OPTIONS 348
- VIRTU-LIMB 352
- DEMO-LIMB 353
- LIVINGSKIN® 354

INVENTORS 356

GENERAL INFORMATION 358
- TERMS OF SALE AND POLICIES 359
- WARRANTY PROCEDURE 360
- RETURNS / COMPLAINTS FORM 362
- NOTES 363

ÖSSUR LINERS

TRANSTIBIAL SOLUTIONS



ICEROSS SEAL-IN X

SEAL-IN LINERS



ICEROSS SEAL-IN X5 TT | ICEROSS SEAL-IN V | ICEROSS DERMO SEAL-IN

SEAL-IN LOCKING LINER



ICEROSS SEAL-IN X LOCKING

LOCKING LINERS



ICEROSS DERMO LOCKING | ICEROSS COMFORT LOCKING | ICEROSS SYNERGY LOCKING | ICEROSS ORIGINAL LOCKING | ICEROSS SPORT LOCKING

CUSHION LINERS



ICEROSS DERMO CUSHION | ICEROSS COMFORT CUSHION | ICEROSS SYNERGY CUSHION | ICEROSS ACTIVA CUSHION

ÖSSUR LINERS

TRANSFEMORAL SOLUTIONS



ICEROSS SEAL-IN X TF

SEAL-IN LINERS



ICEROSS SEAL-IN X5 TF | ICEROSS SEAL-IN X LOCKING TF | ICEROSS SEAL-IN TRANSFEMORAL | AEROFIT SEAL-IN*

*** Detailed information on AeroFit Seal-In can be found under AeroFit Solution in the Sockets section.**

LOCKING LINERS



ICEROSS TRANSFEMORAL LOCKING

UPPER EXTREMITY SOLUTIONS



ICEROSS UPPER-X LOCKING

ÖSSUR LINERS

SUSPENSION METHODS

SEAL-IN X5

With a series of five seals the Iceross Seal-In X5 liner conforms to the shape of the residual limb and the internal socket wall, providing an airtight seal and improved comfort.

- Rotation control.
- Minimises pistoning.
- Suspension without a knee sleeve.



SEAL-IN X5

SEAL-IN V

The volume adaptive blades incorporated in the seal accomodates shape changes. The Seal-In V liner provides reliable and comfortable suspension.

- Cushion suspension without a knee sleeve.
- Rotation control.



SEAL-IN V

SEAL-IN

With the ingenious Hypobaric Sealing Membrane (HSM™) the Iceross Seal-In Liner optimises suspension and comfort while offering user convenience for daily use.

- Transtibial hypobaric suspension without a knee sleeve.
- Ease of donning and doffing.
- Improved rotation control.



SEAL-IN

SEAL-IN X LOCKING

This hybrid suspension combines the advantages of Seal-In with a locking suspension for challenging situations.



SEAL-IN X LOCKING

SEAL-IN X

- The movable seal allows the user to position the seal on the perfect position and fully benefit from a secure and comfortable suspension. Donning a Seal-In liner has never been so easy.
- Individual positioning of the seal
- Exceptional rotation control.



SEAL-IN X

LOCKING

The locking feature offers users firm, secure and comfortable suspension. Can be used with either locking or lanyard systems.



LOCKING

CUSHION

A soft, extra thick distal cushion improves user comfort, protects sensitive distal ends, and conforms to irregular distal shapes.



CUSHION

ÖSSUR LINERS

CHARACTERISTICS

STABILISING MATRIX
Integrated matrix allows radial stretch and limits vertical stretch for increased stability and skin comfort.


STABILISING MATRIX

FABRIC COVER
The outer cover provides extreme wear and tear, strength, and durability while allowing radial stretch and comfortable elasticity.


FABRIC COVER

ACTIVE SKIN CARE
Vaseline® and Aloe Vera are incorporated in Dermasil® silicone to soothe and help maintain healthy skin.


ACTIVE SKIN CARE

DOUBLE DUROMETER
Two silicone durometers work together: Inner layer offers comfort and protection to the skin and outer layer offers cushioning and stability.


DOUBLE DUROMETER

WAVE
Allows for comfortable stretching of liner across the patella and controls folding of the liner in the sensitive area behind the knee.


WAVE

SILKEN INNER SURFACE
Micro engineered surface for skin conformance.


SILKEN INNER SURFACE

TIBIAGUARD
A soft, silicone pad with integrated Wave feature provides cushioning for the anterior tibia, while a thinner posterior silicone layer enhances control and proprioception. The combination of the two silicone profiles and the Wave design results in cushioning and freedom of movement.


TIBIAGUARD

CONICAL
This feature is designed to provide a comfortable and intimate liner fit for amputees with conical-shaped residual limbs. The conical shape is intended to help prevent the edges of the proximal end from rolling down.


CONICAL

EASY GLIDE
With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean.

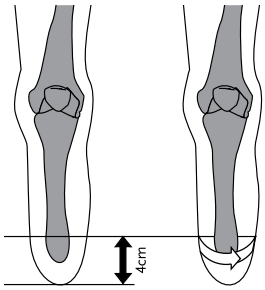

EASY GLIDE

ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

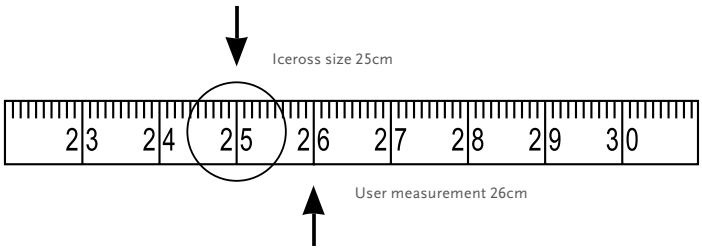
Careful selection of the Iceross liner is required to produce maximum benefit to the user. When selecting the appropriate transtibial Iceross liner the following must be considered:

1. Size of the residual limb
2. Activity/Impact level of the user
3. Use of fitting aids
4. Profile
5. Fitting Aid

1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below the measurement. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting (this is unique to Iceross Seal-In liners and should not be applied to other Iceross models, including the Iceross Seal-In X5 and Seal-In V liners).**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.

ICEROSS® TRANSTIBIAL LINERS BY ÖSSUR

2. IMPACT LEVELS

The impact levels are important considerations when selecting a liner. Impact levels relate to the amount of loading placed through the Iceross liner.

3. FITTING AIDS

The profile of the Iceross is cylindrical with a rounded distal end. This design accommodates most residual limb shapes. There are occasions, however, when a patient will exhibit an unusual or irregular residual limb shape that does not enable a total contact fit between the skin and the Iceross. The fitting aids are designed to work in conjunction with the Iceross to change the profile of unusual or irregular residual limb shapes to match that of the Iceross. This process is known as profile matching.





Assess the residual limb shape:

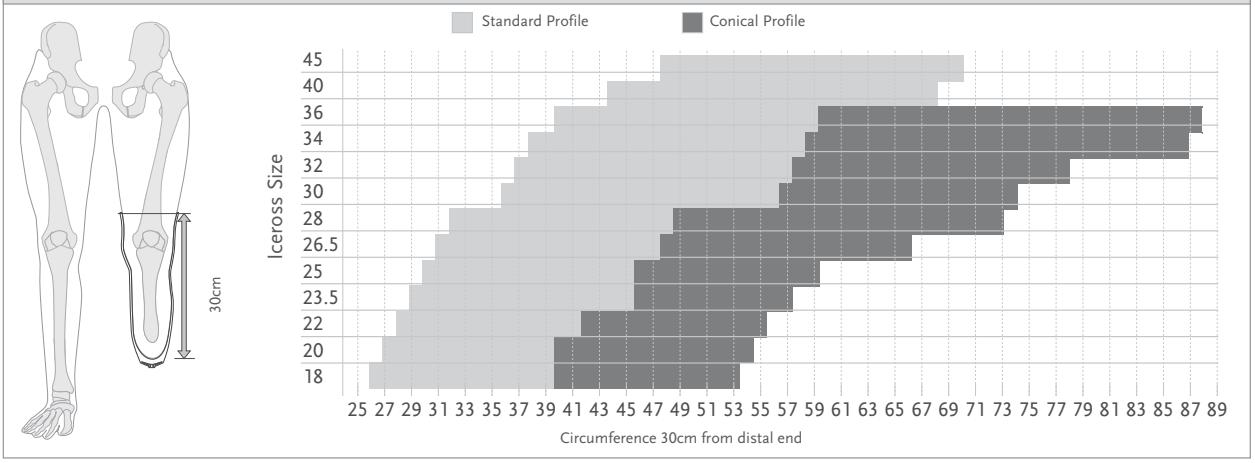
- If the shape is cylindrical, then no fitting aids are required.
- If the residual limb presents a square or flattened distal end, then an Iceross Pad should be installed distally to ensure profile matching between the end of the residual limb and the rounded end of the Iceross liner.
- If the residual limb is conical in shape, then a Distal Cup could be used in conjunction with the Iceross to help ensure correct profile matching. The Distal Cup will assist in providing a more cylindrical shape prior to fitting the Iceross liner.
- Iceross liner size is selected from a measurement taken over the Distal Cup on the residual limb.
- If the residual limb presents with a bulbous distal end (ankle disarticulation, Symes, Lisfranc, etc.), Iceross use is contraindicated and you should consult your local Össur representative to find an appropriate solution.

4. PROFILE

Measure the circumference of the residual limb approximately 30 cm above the distal end, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the chart then a standard profile is recommended, if it lies in the dark grey area then a conical profile is recommended.

5. FITTING AID

Transtibial Liner Selection Chart - Standard and Conical Profile



Note: This chart is only an indication of use and should only be used to support the CPO's own experience.

ICEROSS SEAL-IN® X



Providing advanced Seal-In technology for a wider range of users, Iceross Seal-In X is easier to invert and don, even for less active users who may have hand dexterity issues.

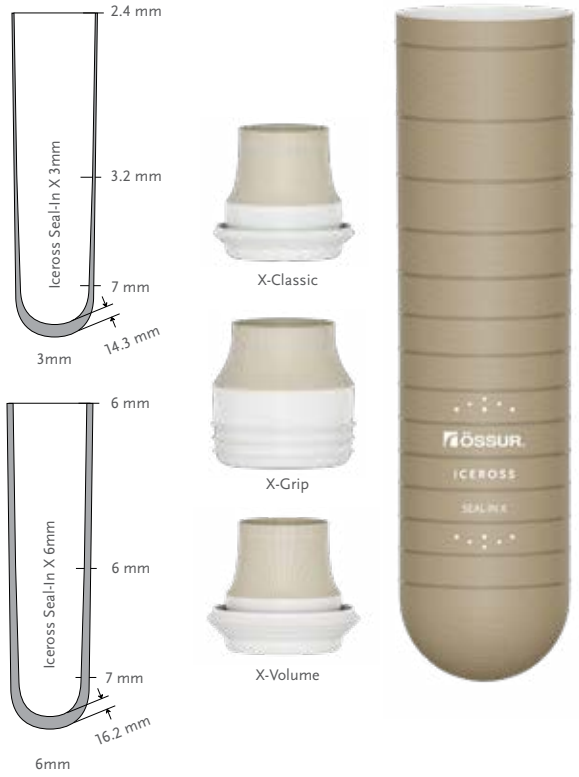
The sleeveless design features a separate seal ring, which can be flexibly positioned for optimum suction regardless of limb shape. It can also be moved as necessary throughout the day for added comfort. Special seamless fabric elongates appropriately over the patella for knee flexion, while the soft, yet durable silicone blend helps nurture potentially fragile skin.

The seal-ring offering provides three different options:
- X-Classic
- X-Grip
- X-Volume

The modular nature of the product makes selection easier, enhancing inventory control. Seal rings can also be renewed as required, without the need for a new liner.

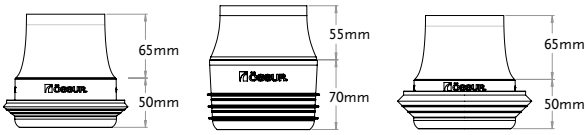
Seal-In X technology is intended for use with Össur's Unity vacuum system.

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean. Easy-glide coating only applies to the seal-rings.



User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Liner Sizes:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40*.
Liner Profiles:	3mm, 6mm
Seal Ring Sizes:	20,22,24,26,28,30,32,35,38,41,44,47,51,55, 60,65

*Size 40 is only available in 3mm.



X-Classic X-Grip X-Volume

SUSPENSION METHOD



SEAL-IN X

FEATURES

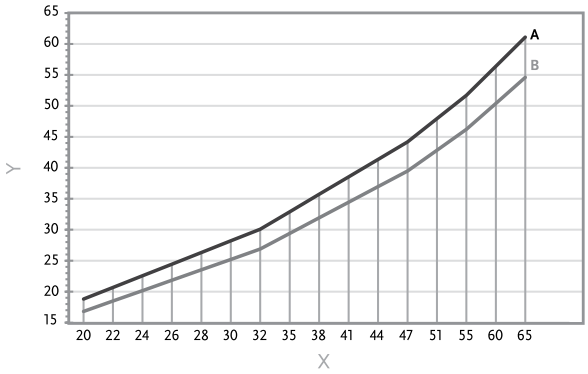


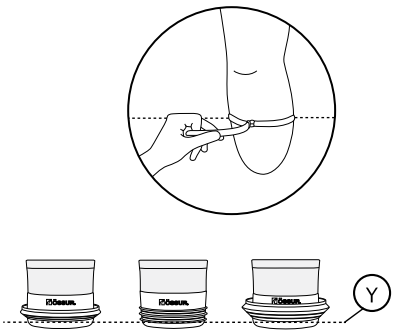
FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | EASY GLIDE

ICEROSS SEAL-IN® X

SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit





MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure from mid-patella tendon to distal end. Compare the measurement to the table below.

Liner Size	Minimum Length
16-23,5	11cm
25-30	12cm
32-36	13cm
40	14cm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X LINER

Part#	Description	Contains
I-4443XX	Iceross Seal-In X 3mm	Liner
I-4446XX	Iceross Seal-In X 6mm	Liner
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® X LOCKING



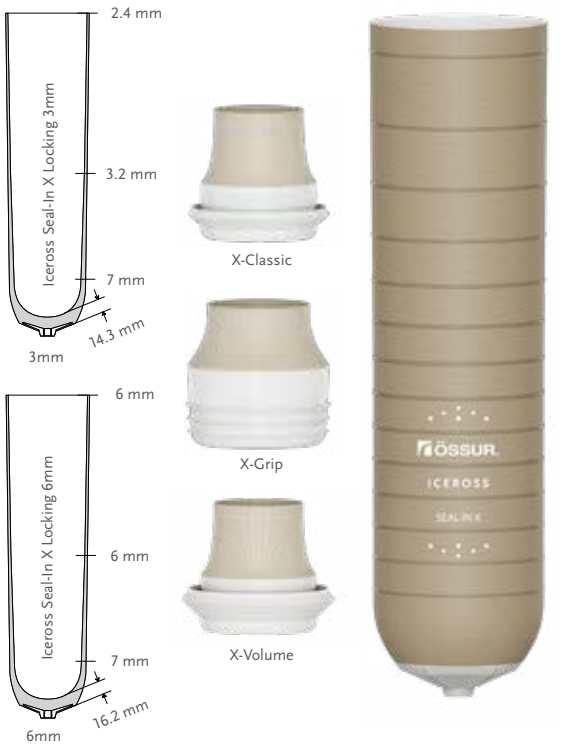
The Iceross Seal-In X Locking liner is a silicone liner for transtibial amputees of all activity levels, providing superior function by combining the benefits of locking suspension with the benefits of Seal-In. The liner is available in both 3mm and 6mm profiles.

The liner features:
- Soft DermoGel® silicone
- Seamless functional textile for easy knee bending
- Stabilising matrix
- Compatible with all movable seal-ring options

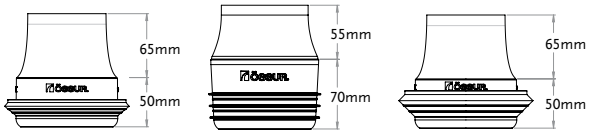
The seal-ring offering provides three different options:
- X-Classic
- X-Grip
- X-Volume

The liner should be used with the Icelock 562 Hybrid (L-562000) and an airtight socket.

Combine Seal-In Technology with Unity vacuum system for stabilisation of volume fluctuations and comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Liner Sizes:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Liner Profiles:	3mm and 6mm
Seal Ring Sizes:	20,22,24,26,28,30,32,35,38,41,44,47,51,55, 60,65
Matrix	10 cm



X-Classic X-Grip X-Volume

SUSPENSION METHOD



SEAL-IN X LOCKING

FEATURES



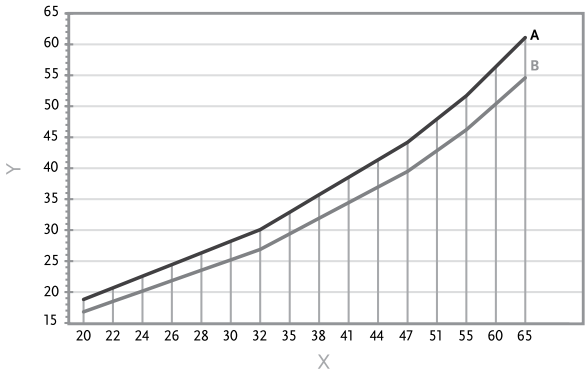
FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | EASY GLIDE* | STABILISING MATRIX

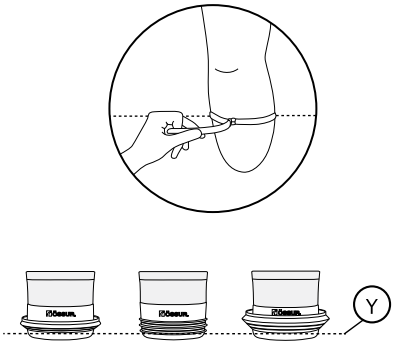
* Easy Glide only applies to the Seal Rings

ICEROSS SEAL-IN® X LOCKING

SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit





PART NUMBER INFORMATION - ICEROSS SEAL-IN X LOCKING LINER

Part#	Description	Contains
I-SXL3XX	Iceross Seal-In X Locking 3mm	Liner in size XX and 3mm profile
I-SXL6XX	Iceross Seal-In X Locking 6mm	Liner in size XX and 6mm profile
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® V TRANSTIBIAL WITH WAVE

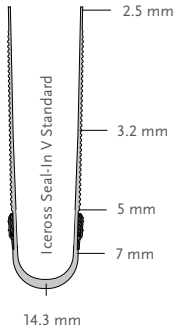


Based on the Iceross Cushion profile, Iceross Seal-In V has a soft distal end for close fit and comfort.

Iceross Seal-In V is available with the seal in two different locations, Standard and High Profile. The High Profile variant should be used when residual limb length allows for it, especially in case of sensitive spots on the distal tibial crest.

Össur recommends Iceross Seal-In V for amputees already past the initial phase of volume and shape conditioning, during the first months post-amputation Iceross Dermo Cushion & Iceross Sleeve are recommended.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Sizes:	18,20,22,23.5,25,26.5,28,30,32,34,36.
Profile:	3mm wave





SUSPENSION METHOD



SEAL-IN V

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

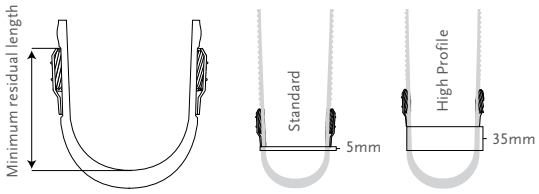


WAVE

SEAL HEIGHTS AND TRIM LINES

	Minimal Residual Length*	
Liner Size	Standard	High Profile
18-20	9cm	13cm
21-25	10cm	14cm
26-30	11cm	15cm
31-36	12cm	15cm

*Residual limb shapes and trim line preference varies, minimum residual length values are approximates only.



PART NUMBER INFORMATION - ICEROSS SEAL-IN V TRANSTIBIAL LINER WITH WAVE

Part#	Profile	Description
I-4713XX	Wave 3mm	Seal-In V
I-4723XX	Wave 3mm	Seal-In V High Profile

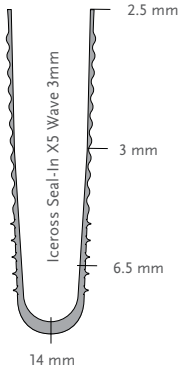
ICEROSS SEAL-IN® X5 TRANSTIBIAL WITH WAVE



The Iceross Seal-In X5 with Wave incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

The Iceross Seal-In X5 with Wave offers security and freedom of movement.

Össur recommends that Iceross Seal-In X5 Transtibial Liner with Wave is used in conjunction with the Icelock® 500 Series Expulsion Valve.





User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36.
Profile:	3mm
Matrix:	10-13cm

SUSPENSION METHOD



SEAL-IN X5

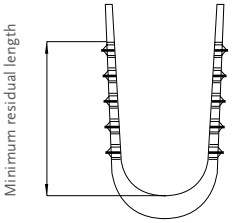
FEATURES



STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | WAVE

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Liner Size	Minimum Length
18	10cm
20-25	11cm
26.5-30	12cm
32-36	13cm



Matrix size varies depending on the liner size, the smaller the liner the shorter the matrix.

PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL LINER WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-3664XX	Wave 3mm	Seal-In X5	10 -13cm

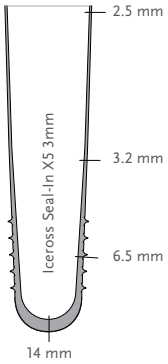
ICEROSS SEAL-IN® X5 TRANSTIBIAL



The Iceross Seal-In X5 incorporates a series of five integrated seals that conform to the shape of the residual limb and the internal socket wall, providing an airtight seal.

Össur recommends that Iceross Seal-In X5 Transtibial Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transtibial
Impact Level:	All
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36.
Profile:	3mm
Matrix:	10-13cm





SUSPENSION METHOD



SEAL-IN X5

FEATURES



STABILISING MATRIX



FABRIC COVER



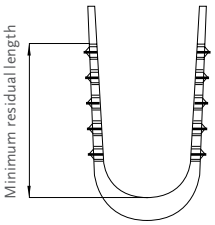
ACTIVE SKIN CARE



SILKEN INNER SURFACE

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Liner Size	Minimum Length
18	10cm
20-25	11cm
26.5-30	12cm
32-36	13cm



PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSTIBIAL LINER

Part#	Profile	Suspension Method	Matrix
I-3663XX	3mm	Seal-In X5	10 -13cm

ICEROSS DERMO SEAL-IN®

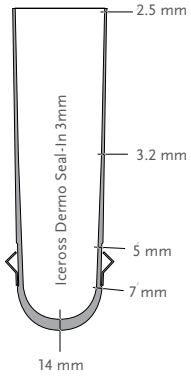


Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of vascular patients and those with sensitive skin.

Iceross Dermo is a premium suspension liner that provides superb softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Seal-In Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34,36.
Profile:	3mm
Matrix:	10cm





SUSPENSION METHOD



SEAL-IN

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO SEAL-IN LINER

Part#	Profile	Suspension Method	Matrix
I-4613XX	3mm	Seal-In	10cm

ICEROSS® SYNERGY™ LOCKING WITH WAVE

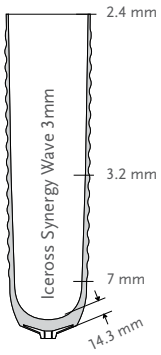


The Iceross Synergy liner with Wave incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Iceross Synergy with Wave makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Synergy Liner with Wave is used in conjunction with the Icelock® 600 Series.





User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36, 40,45.
Profile:	3mm
Matrix:	10cm or Adjusted 2-14cm*

SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



DOUBLE DUROMETER



WAVE

PART NUMBER INFORMATION - ICEROSS SYNERGY LOCKING LINER WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-6303XX	3mm Wave	Locking	10cm
I-6206XX	3mm Wave	Locking	Adjusted 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

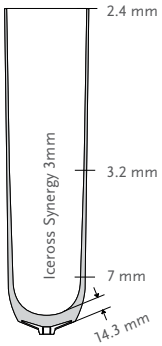
ICEROSS® SYNERGY™ LOCKING



The Iceross Synergy liner incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer shock-absorbing inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy Liner is used in conjunction with the Icelock® 600 Series.





User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36, 40,45.
Profile:	3mm
Matrix:	10cm or Adjusted 2-14cm*

SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | DOUBLE DUROMETER

PART NUMBER INFORMATION - ICEROSS SYNERGY LOCKING LINER

Part#	Profile	Suspension Method	Matrix
I-6003XX	3mm	Locking	10cm
I-6203XX	3mm	Locking	Adjusted 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

ICEROSS DERMO® LOCKING WITH WAVE

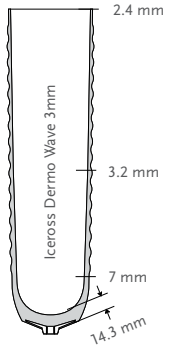


Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of people with vascular problems or sensitive skin.

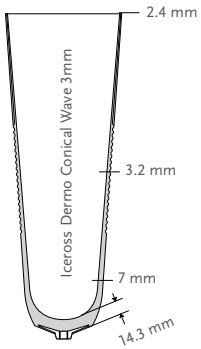
Iceross Dermo features horizontal waves designed for easier flexion at the knee, Iceross Dermo Conical also features vertical waves intended to help prevent the edges from rolling down.

A premium suspension liner that provides superb softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Liner with Wave is used in conjunction with the Icelock® 600 series.









User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36, 40,45.
Size Conical:	18,20,22,23.5,25,26.5,28,30,32,34,36.
Profile:	3mm
Matrix:	10cm or Adjusted 2-14cm*

SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE



CONICAL

PART NUMBER INFORMATION - ICEROSS DERMO LOCKING LINER WITH WAVE

Part#	Profile	Suspension Method	Matrix
I-4313XX	3mm Wave	Locking	10cm
I-4223XX	3mm Wave	Locking	Adjusted (2-14cm)*
I-4913XX	Conical 3mm Wave	Locking	10cm

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

ICEROSS DERMO® LOCKING



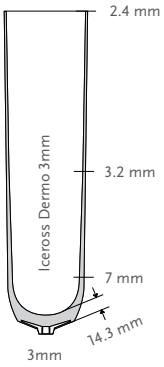
Made with the softest silicone, Iceross Dermo cushions the limb while actively caring for the skin of people with vascular problems or sensitive skin.

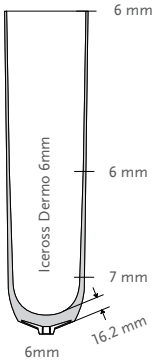
Iceross Dermo is a premium suspension liner that provides softness, gentle skin contact and Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® outer cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Liner is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36, 40,45*.
Profile:	3mm or 6mm
Matrix:	10cm or Adjusted 2-14cm*

* Iceross Dermo 6mm Custom Liner is not available in the following sizes: 16,18,34,36,40,45.







SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO LOCKING LINER

Part#	Profile	Suspension Method	Matrix
I-4013XX	3mm	Locking	10cm
I-4213XX	3mm	Locking	Adjusted 2-14cm*
I-4016XX	6mm	Locking	10cm
I-4216XX	6mm	Locking	Adjusted 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

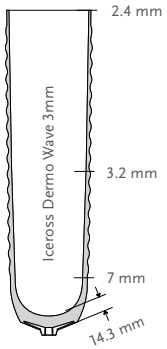
ICEROSS COMFORT® LOCKING WITH WAVE



Iceross Comfort is designed with Össur's stabilising matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort utilises soft Sensil® silicone and is designed for residual limbs with with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Liner with Wave is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40,45
Profile:	3mm
Matrix:	10cm





SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS COMFORT LOCKING WITH WAVE LINER

Part#	Profile	Suspension Method
I-5303XX	3mm Wave	Locking

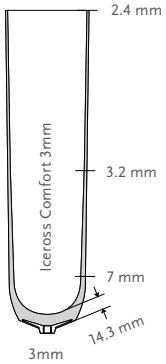
ICEROSS COMFORT® LOCKING

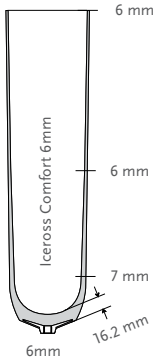


Iceross Comfort is designed with Össur's patented stabilising matrix, a size-specific distal attachment and a nylon fabric cover. Iceross Comfort is designed for the needs of residual limbs with bony prominences prone to pressure peaks.

Össur recommends that Iceross Comfort Liner is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34, 36,40,45.
Profile:	3mm or 6mm
Matrix:	10cm or Adjusted 2-14cm*







SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS COMFORT LOCKING LINER

Part#	Profile	Suspension Method	Matrix
I-5406XX	3mm	Locking	10cm
I-5506XX	3mm	Locking	Adjusted 2-14cm*
I-5006XX	6mm	Locking	10cm
I-5106XX	6mm	Locking	Adjusted 2-14cm*

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

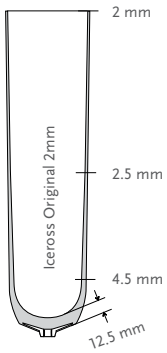
ICEROSS® ORIGINAL LOCKING



The Iceross Original post-operative liner is easy to don and doff and is recommended for users from low to high activity levels who require good stability and suspension. The Stabilising Matrix effectively minimises pistoning.

Össur recommends that Iceross Original Liner is used in conjunction with the Icelock® 600 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size with cover:	16,18,20,22,23.5,25,26.5,28,30,32,34,36, 38,40, 42,45.
Profile:	2mm
Matrix:	10cm or Adjusted 2-14cm*





SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER

PART NUMBER INFORMATION - ICEROSS ORIGINAL LOCKING LINER WITH COVER

Part#	Description	Profile	Suspension Method	Matrix
I-0124XX	Iceross Original with Cover	2mm	Locking	10cm
I-2024XX	Iceross Original with Cover	2mm	Locking	Adjusted 2-14cm*

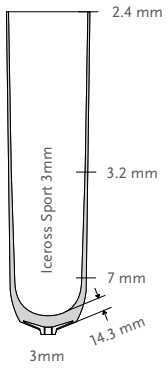
*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

ICEROSS® SPORT LOCKING

For active amputees that experience greater stress on the residual limb and require additional stability and intimacy of fit. Iceross Sport features a double-layer silicone design and an Advanced Rotation Control System that together provide effective cushioning and rotational stability.

Unlike other suspension liners that are designed mainly for lower activity levels, Iceross Sport is designed specifically to give active amputees the stability and support needed to lead an active lifestyle.

Össur recommends that Iceross Sport Liner is used in conjunction with the Icelock® 600 Series.





User Information	
Amputation Level:	Transtibial
Impact Level:	High to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34.
Profile:	3mm
Matrix:	10cm or Adjusted 2-14cm*

SUSPENSION METHOD

LOCKING

FEATURES

STABILISING MATRIX

FABRIC COVER

ACTIVE SKIN CARE

DOUBLE DUROMETER

PART NUMBER INFORMATION - ICEROSS SPORT LOCKING LINER

Part#	Profile	Suspension Method	Matrix	Items
I-1033XX	3mm	Locking	10cm	N/A
I-1233XX	3mm	Locking	Adjusted 2-14cm*	N/A

*For a custom matrix, please specify the required matrix length on your order. Please note that deviation in the stabilising matrix length can be +/- 1.5cm.

ICEROSS® SYNERGY™ CUSHION



The Iceross Synergy Cushion liner incorporates a combination of two different silicone durometers to provide the perfect balance of comfort and stability.

A firm silicone outer layer provides stability for active use, while a softer cushioning inner layer nurtures the skin, offering superb suspension and comfort.

Össur recommends that Iceross Synergy Cushion Liner is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40.
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | DOUBLE DUROMETER

PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION LINER

Part#	Profile	Suspension Method
I-CL63XX	3mm	Cushion
I-CB63XX	3mm	Cushion (dark melange)

ICEROSS® SYNERGY™ CUSHION WITH WAVE

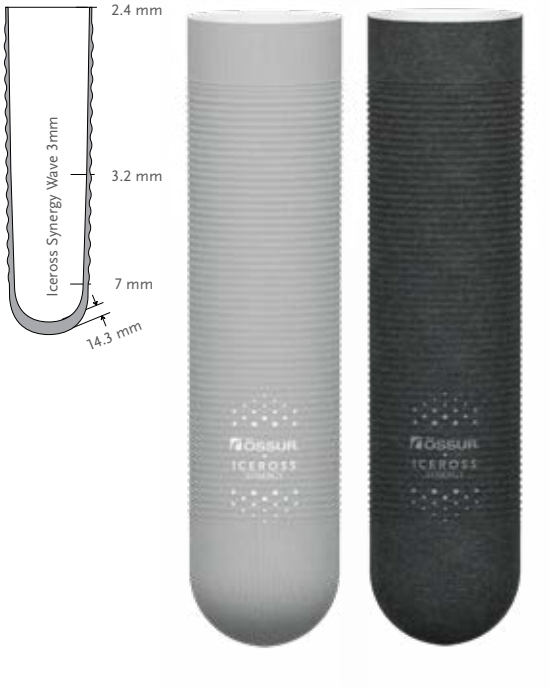


The Iceross Synergy Cushion liner with Wave incorporates a combination of two different silicone durometers providing suspension and comfort.

A firm silicone outer layer provides stability for active use, while a softer cushioning inner layer nurtures the skin, offering superb suspension and comfort.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee. It stretches easily over the patella and effectively controls folding of the liner behind the knee.

Össur recommends that Iceross Synergy Cushion Liner with Wave is used in conjunction with the Iceross Sleeve and the Icelock® 500 Series.



User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40.
Profile:	3mm

SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | DOUBLE DUROMETER | WAVE

PART NUMBER INFORMATION - ICEROSS SYNERGY CUSHION LINER WITH WAVE

Part#	Profile	Suspension Method
I-CW63XX	3mm Wave	Cushion
I-CBW6XX	3mm Wave	Cushion (dark melange)

ICEROSS DERMO® CUSHION



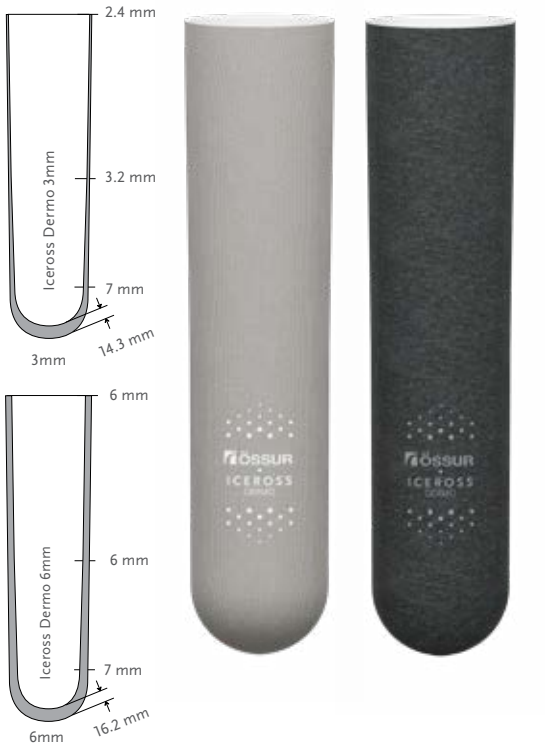
Iceross Dermo Cushion liner is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

Össur recommends that Iceross Dermo Cushion Liner is used in conjunction with Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40*.
Profile:	3mm or 6mm

*Size 40 is only available in 3mm.



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS DERMO CUSHION LINER

Part#	Profile	Suspension Method
I-CL43XX	3mm	Cushion
I-CL46XX	6mm	Cushion
I-CB43XX	3mm	Cushion (dark melange)
I-CB46XX	6mm	Cushion (dark melange)

ICEROSS DERMO® CUSHION WITH WAVE



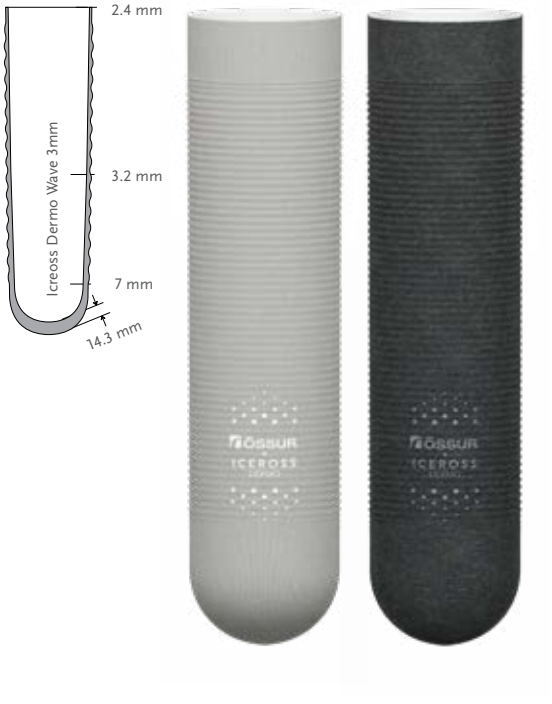
Iceross Dermo Cushion Liner with Wave is made with the softest silicone that actively cares for the skin.

This liner provides superb softness, gentle skin contact and Össur's Active Skin Care ingredients. The combination of DermoGel® silicone with an ultra-strong and elastic Supplex® fabric cover offers excellent durability and an intimate fit.

The Wave feature makes the liner easier to flex at the knee, allowing it to adapt more to the user's movements. Less resistance means that less energy is required to flex the knee.

Össur recommends that Iceross Dermo Cushion Liner with Wave is used in conjunction with Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to High
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40.
Profile:	3mm



SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | WAVE

PART NUMBER INFORMATION - ICEROSS DERMO CUSHION LINER WITH WAVE

Part#	Profile	Suspension Method
I-CW43XX	3mm	Cushion
I-CBW4XX	3mm	Cushion (dark melange)

ICEROSS COMFORT® CUSHION

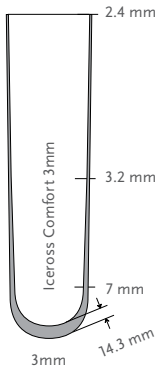


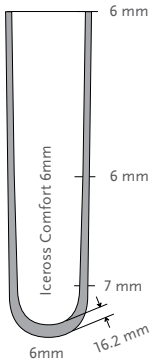
Iceross Comfort is designed with Össur's Sensil® silicone and a nylon fabric cover. Iceross Comfort is a liner for residual limbs with bony prominences prone to pressure peaks, and/or conical residual limbs.

Össur recommends that Iceross Comfort Cushion Liner is used in conjunction with the Iceross Sleeve and Icelock® 500 Series.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Liner Information	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34,36,40*.
Profile:	3mm or 6mm

*Size 40 is only available in 3mm.







SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS COMFORT CUSHION LINER

Part#	Profile	Suspension Method
I-CL53XX	3mm	Cushion
I-CL56XX	6mm	Cushion

ICEROSS® ACTIVA CUSHION

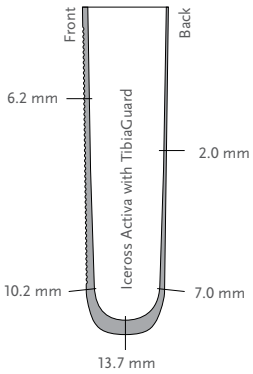


The supreme cushion liner for active users with cushioning, comfort and maximum stability.

The Iceross Activa with TibiaGuard™ is manufactured with revolutionary techniques that combine different types of silicone to meet the challenging requirements of highly active transtibial users.

The integrated TibiaGuard provides cushioning while a thinner, stiffer posterior portion is designed to enhance stability.

User Information	
Amputation Level:	Transtibial
Impact Level:	Moderate to Extreme
Liner Information	
Size Standard:	18,20,22,23.5,25,26.5,28,30,32,34.
Profile:	2mm posterior, 6mm anterior





SUSPENSION METHOD



CUSHION

FEATURES



FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | DOUBLE DUROMETER | WAVE | TIBIAGUARD

PART NUMBER INFORMATION - ICEROSS ACTIVA WITH TIBIAGUARD CUSHION LINER

Part#	Profile	Suspension Method	Items
I-CT62XX	2mm / 6mm	Cushion	N/A

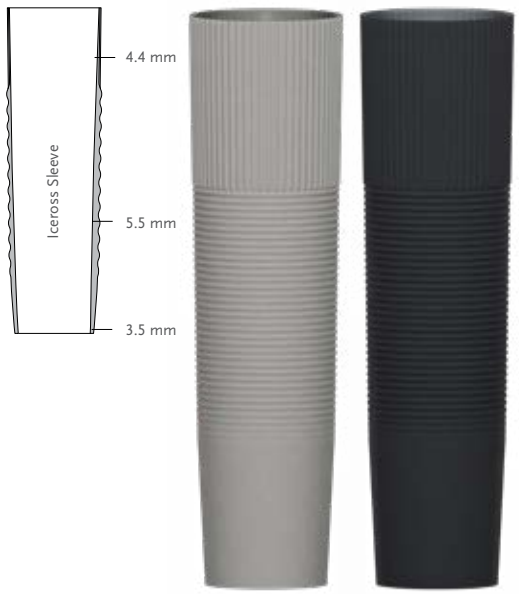
ICEROSS® SLEEVE



The Iceross Sleeve generates good suction, more security and conforms to the intended motion with the knee.

Össur took the Wave technology to the next level when developing the Iceross Sleeve. The Wave feature makes the liner bend at the knee, allowing it to adapt more to the user's movements. It stretches effectively at the front and folds in a controlled way behind the knee.

The profile of the sleeve is thicker around the socket brims, focusing on strength at selected areas to reduce wear and tear.
It is recommended to use the Iceross Sleeve in conjunction with the Iceross Cushion Liner Range.



User Information	
Amputation Level:	Transtibial
Impact Level:	All
Sleeve Information	
Size:	35,41,49,55,62.

FEATURES



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS SLEEVE

Measure circumference 15cm (6") above mid-patella and choose the correct size.

PART# GREY	PART# BLACK	SIZE	MEASUREMENTS	
F-201135	F-201B35	35	35-41cm	13 3/4 - 16 1/7"
F-201141	F-201B41	41	41-49cm	16 1/7 - 19 1/3"
F-201149	F-201B49	49	49-55cm	19 1/3 - 21 6/9"
F-201155	F-201B55	55	55-62cm	21 6/9 - 24 2/5"
F-201162	F-201B62	62	62-76cm	24 2/5 - 30"

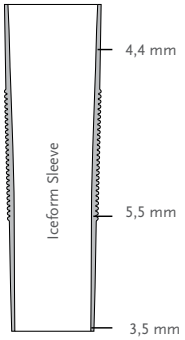
ICEFORM® SLEEVE



The Iceform Sleeve is made of Thermoplastic Elastomer (TPE) material and covered with seamless durable textile. The thermo-formability of the TPE material allows the sleeve to adapt to residual limb shape for comfort. The elasticity of the TPE material provides user comfort and safe suspension.

Össur recommends that the Iceform Sleeve is used in conjuction with the Iceform Cushion Liners, for low to medium impact use.

User Information	
Amputation Level:	Transtibial
Impact Level:	Low to Moderate
Sleeve Information	
Size:	35, 41, 49, 55, 62





PART NUMBER INFORMATION - ICEFORM SLEEVE

Measure circumference 15 cm (6") above mid-patella and choose the correct size.

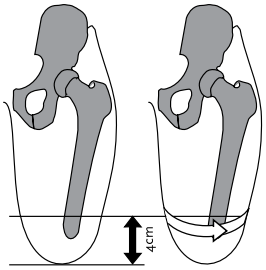
Part#	Size	Measurements	
S-201135	35	35-41 cm	13 3/4 - 16"
S-201141	41	41-49 cm	16 - 19 1/4"
S-201149	49	49-55 cm	19 1/4 - 21 3/4"
S-201155	55	55-62 cm	21 3/4 - 24 1/2"
S-201162	62	62-76 cm	24 1/2 - 30"

ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

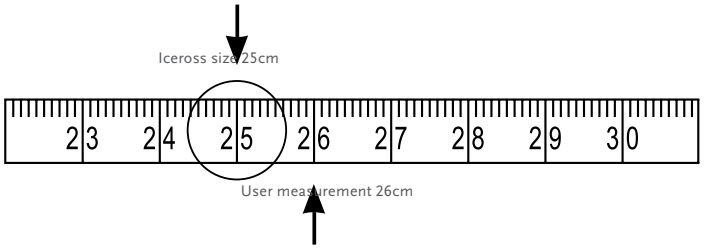
The transfemoral residual limb offers slightly different challenges to the prosthetist than the transtibial residual limb in terms of achieving results from a prosthetic fitting. In recognizing these challenges, Össur was the first to design and introduce a specific Iceross Transfemoral liner to offer comfort, protection and suspension of the transfemoral prosthesis.

1. Size
2. Limb length
3. Profile
4. Use of fitting aids

1. SIZE



With the tissue of the residual limb hanging down, measure 4cm proximal to the distal end of the limb and mark this point on the skin. Measure the circumference of the limb at this point with medium tension on the tape measure.



The measurement taken corresponds to the size of Iceross to be used. Select the liner size matching your measurement or, if between sizes, select the next size below. Do not select a size larger than your measurement or more than one size below it. E.g. if the circumference of the limb measures 26cm, select Iceross size 25.

NOTE - ICEROSS LOCKING LINERS:

The incorporated size-specific umbrella works in conjunction with the matrix. Function of both the umbrella and matrix is dependent on correct size selection of the Iceross liner. Incorrect sizing may cause discomfort to the user, perspiration and reduced control of the prosthesis.

NOTE - ICEROSS SEAL-IN LINERS:

For Iceross Seal-In liners, it is essential that the Hypobaric Sealing Membrane (HSM™) sits correctly against the liner around its full circumference. Once you have selected the liner according to our instructions, assess the membrane according to the pictures below, visually and manually. Picture 3 is the optimal situation. **In some cases, the next size down may need to be selected to achieve this fitting. It is unique to the Iceross Seal-In liner and should not be applied to any other Iceross models including the Iceross Seal-In X5.**



1. LINER IS TOO SMALL



2. LINER IS TOO BIG



3. LINER FITS CORRECTLY

The sizing recommendations are intended as a guide. There may be occasions when alternative sizes need to be selected.

ICEROSS® TRANSFEMORAL LINERS BY ÖSSUR

2. RESIDUAL LIMB LENGTH

Compare the residual limb length to the **sound limb** by dividing the sound limb femur into thirds.

- The proximal third is considered SHORT length - refer to selection chart part A.
- The middle third is considered MEDIUM length - refer to selection chart part B.
- The distal third is considered LONG length - refer to selection chart part C.

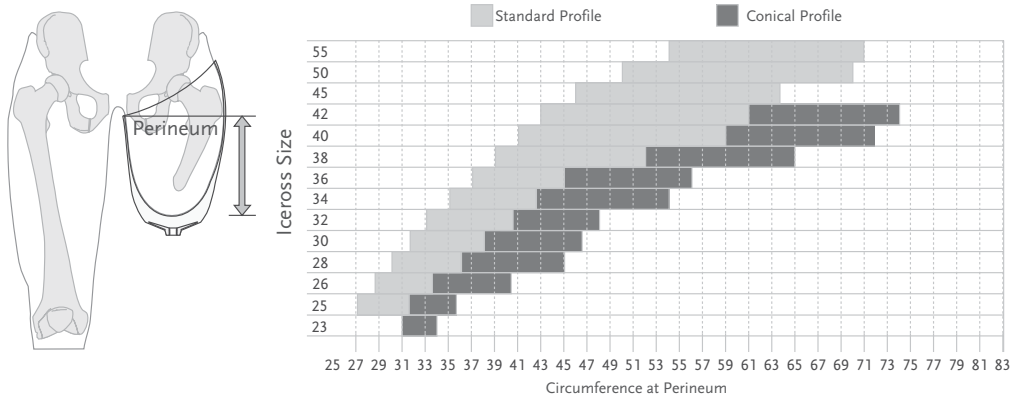
3. PROFILE

Measure and record the circumference of the limb at the level of the perineum, refer to the horizontal axis of the selection chart. If the intersection from the horizontal and vertical axes lies in the light grey area of the selection chart then a standard profile is recommended; if it lies in the dark grey area then a conical profile is recommended.

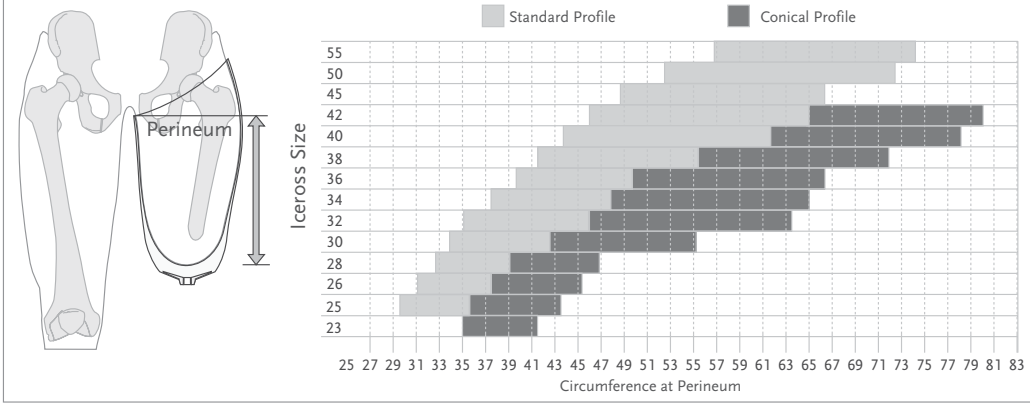
4. FITTING AIDS

Use the principles of profile matching as described in transtibial section. If there are any deep scars or voids, fill with Iceross Pad or silicone putty.

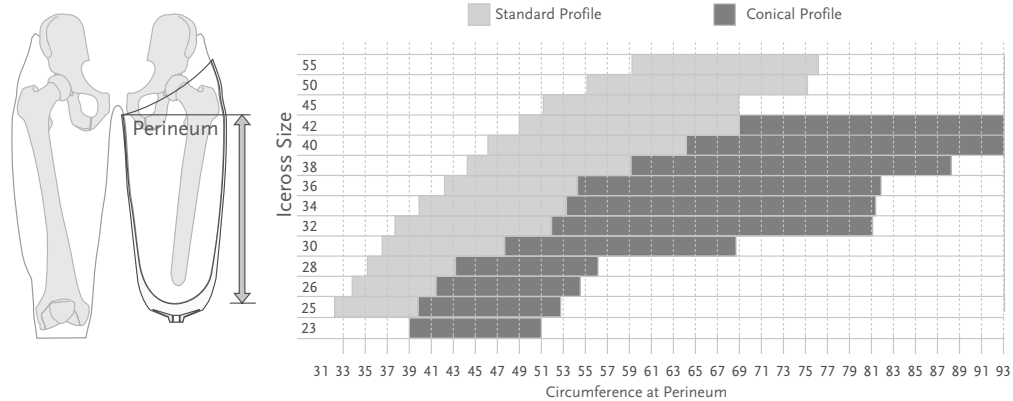
Short Residual Limb - Amputation in Proximal Third of Thigh



Medium Residual Limb - Amputation in Middle Third of Thigh



Long Residual Limb - Amputation in Distal Third of Thigh



ICEROSS SEAL-IN® X TF



Thinner, tougher, longer, with a moveable seal for personalised fit.

Össur's new Seal-in liner has been designed specifically to address the challenges faced by a large number of people with transfemoral amputations. For many, various pressure points and the shape of their residual limb cause problems with a suction suspension liner.

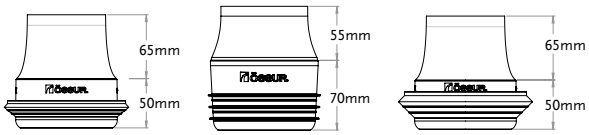
Iceross Seal-In® X TF features the latest advances in Seal-in technology, with a separate and moveable seal to suit individual TF needs.

- The seal-ring offering provides three different options:
- X-Classic - the classic day-to-day seal
- X-Grip - for good rotational control
- X-Volume - helps with volume reduction

With the Easy Glide coating technology the liner offers users a high handling comfort. No lubricants are needed for donning and it is easy to clean. Easy-glide coating only applies to the seal-rings.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55.
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40.
Size Seal Rings:	20,22,24,26,28,30,32,35,38,41,44,47,51,55,60,65
Profile:	3mm





X-Classic X-Grip X-Volume

SUSPENSION METHOD



SEAL-IN X

FEATURES

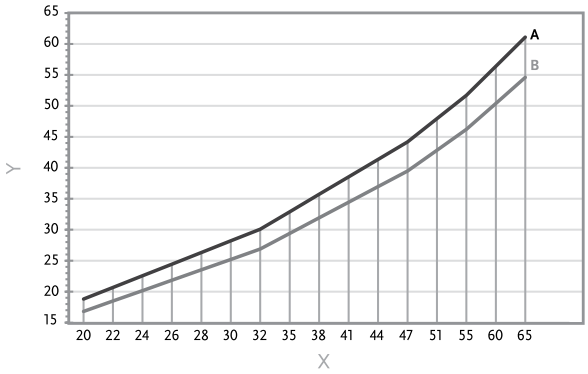


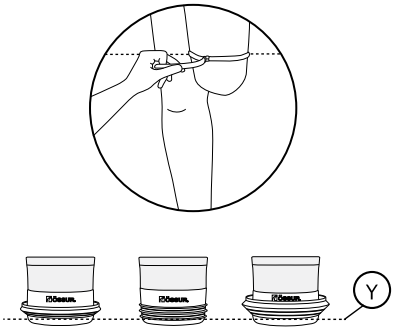
FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | CONICAL | EASY GLIDE

ICEROSS SEAL-IN® X TF

SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit





MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure the residual limb length with the tissue hanging down, from the perineum to the distal end. Compare the measurement to the table below.

Liner Size	Minimum Length
23,5-28	16cm
30-34	17cm
36-40	18cm
45	19cm
50	20cm
55	21cm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X TF LINER

Part#	Description	Contains
I-8532XX	Iceross Seal-In X TF Standard	Liner
I-8632XX	Iceross Seal-In X TF Conical	Liner
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® X LOCKING TF



The Iceross Seal-In X Locking Liner TF provides users with a combination of locking suspension and Seal-In, combining the benefits of both.

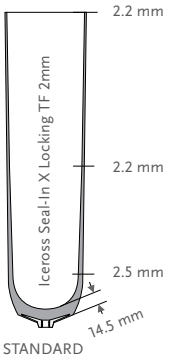
Paired with Icelock 850 Hybrid, users who prefer the direct, mechanical connection to the socket of locking liners can now experience the many benefits of Seal-In vacuum and Unity elevated vacuum suspension by Össur. This combination offers stabilisation of volume fluctuations, a comfortable socket fit throughout the day and skin care silicone.

Featuring the same moveable seal rings characteristic of all Iceross Seal-In X liners, Iceross Seal-In X Locking TF liners reduce pistoning and improve rotational control when compared to locking suspension alone.

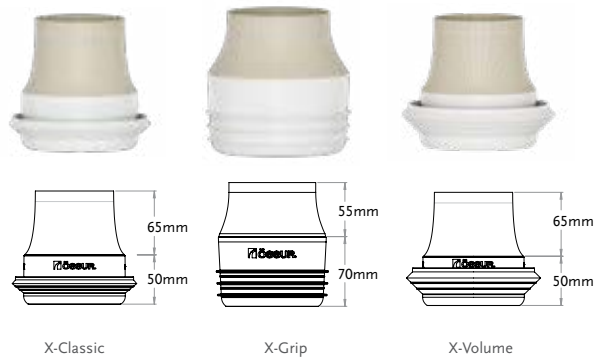
The seal-ring offering provides three different options:
- X-Classic - the classic day-to-day seal
- X-Grip - for good rotational control
- X-Volume - helps with volume reduction

The Quick Connect feature is designed for ease and convenience, allowing users to don the socket whilst seated and release it from the liner with a simple push of a button.

When combined with the Unity sleeveless elevated vacuum system, users can experience the added clinical benefits of reduced volume fluctuations and improved gait symmetry and balance.







User Information	
Amputation Level:	Transfemoral
Impact Level:	Low to High
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,42,45,50,55.
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40,42.
Profile:	2mm Std and 3mm Con
Matrix:	Full Length
Size Seal Rings:	20,22,24,26,28,30,32,35,38,41,44,47,51,55, 60,65

SUSPENSION METHOD

SEAL-IN X LOCKING

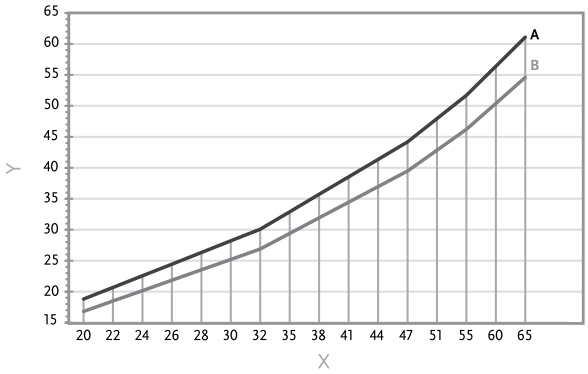
FEATURES

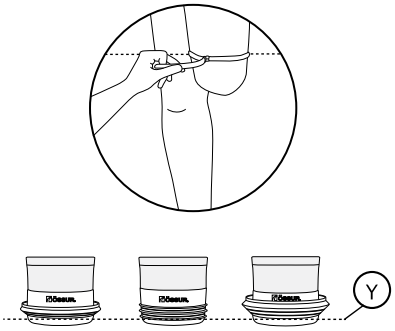
STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | CONICAL | EASY GLIDE

ICEROSS SEAL-IN® X LOCKING TF

SEAL RING SIZE SELECTION

1. Measure residual limb circumference (in cm) at the appropriate location, directly on the skin
2. Refer to the sizing chart to estimate correct device size
3. Sizing chart legend: X-Seal size, Y-Circumference (cm), A-Tight fit, B-Loose fit





MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Measure the residual limb length with the tissue hanging down, from the perineum to the distal end. Compare the measurement to the table below.

Liner Size	Minimum Length
23,5-28	14cm
30-34	15cm
36-42	16cm
45	17cm
50-55	18cm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X LOCKING TF LINER

Part#	Description	Contains
I-SXLSXX	Iceross Seal-In X Locking TF Standard 2 mm	Liner
I-SXLCXX	Iceross Seal-In X Locking TF Conical 3mm	Liner
I-SXC0XX	Iceross Seal-In X-Classic	Seal-In X-Classic Ring
I-SXG0XX	Iceross Seal-In X-Grip	Seal-In X-Grip Ring
I-SXV0XX	Iceross Seal-In X-Volume	Seal-In X-Volume Ring
I-RXC001	Seal-In X-Classic Kit 26-51	10 Seal-In X-Classic Rings
I-RXC004	Seal-In X-Classic Kit 20-65	16 Seal-In X-Classic Rings
I-RXG001	Seal-In X-Grip Kit 26-51	10 Seal-In X-Grip Rings
I-RXG004	Seal-In X-Grip Kit 20-65	16 Seal-In X-Grip Rings
I-RXV001	Seal-In X-Volume Kit 26-51	10 Seal-In X-Volume Rings
I-RXV004	Seal-In X-Volume Kit 20-65	16 Seal-In X-Volume Rings

ICEROSS SEAL-IN® X5 TRANSFEMORAL

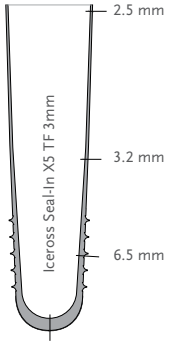


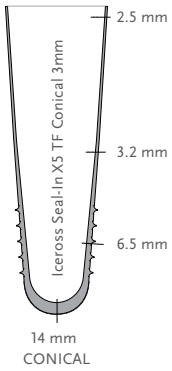
The Iceross Seal-In X5 transfemoral liner is the first liner of its kind with five integrated seals that deliver a comfortable and secure suspension.

Its airtight fit is thanks to the flexible silicone suction suspension system, and its minimised pistoning and enhanced rotational control allow users to enjoy greater comfort and stability.

It is recommended that Iceross Seal-In X5 Transfemoral liner is used in conjunction with the Icelock® 500 Series Valve.

User information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55.
Size Conical:	25,26.5,28,30,32,34,36,38.
Profile:	3mm
Matrix:	Full Length







SUSPENSION METHOD



SEAL-IN X5

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



CONICAL

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Liner Sizes	MInimum Length
25-30	125 mm
32-40	135 mm
45-50	155 mm
55	165 mm

PART NUMBER INFORMATION - ICEROSS SEAL-IN X5 TRANSFEMORAL LINER

Part#	Profile	Suspension Method	Matrix
I-TF673XX	Standard 3mm	Seal-In X5	Full Length
I-TF678XX	Conical 3mm	Seal-In X5	Full Length

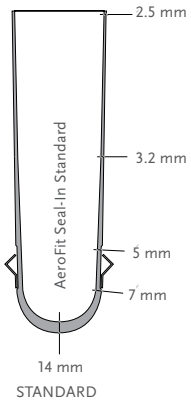
AEROFIT SEAL-IN®



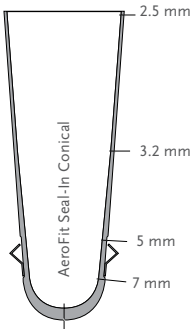
AeroFit combines a 3D-printed Seal-In liner, with a vented socket. The silicone liner increases patient comfort by reducing humidity accumulation, while maintaining the Seal-In secure suspension. The unique design of AeroFit uses the user's own movement to expel air from the socket, promoting airflow, and leaving the skin feeling drier. The perceived skin health of the residual limb is significantly improved by the micro-hole pattern, meshed silicone structure, and the AeroFit Seal-In liner fabric, which wicks humidity away.

AeroFit Seal-In liner comes in a standard and conical profile. The Seal-In ring is coated with Easy Glide, a low-friction coating that eliminates the need for alcohol spray or other lubricants for socket donning.

This AeroFit Seal-In liner is part of the breathable AeroFit system. Please take a look at catalogue pages about AeroFit Socket, AeroFit Vents and AeroFit Tool Kit – so you can get your patient a full AeroFit system.



STANDARD



CONICAL



User information	
Amputation Level:	Transfemoral
Impact Level:	Low to High
Liner information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55.
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40.
Profile:	3mm
Matrix:	Full Length

SUSPENSION METHOD


SEAL-IN

FEATURES


STABILIZING MATRIX


FABRIC COVER


SILKEN INNER SURFACE


CONICAL


BREATHABILITY


EASY GLIDE

PART NUMBER INFORMATION - AEROFIT SEAL-IN LINER

Part#	Profile	Suspension Method	Matrix
AF-STFS0XX	Standard 3mm	Seal-In	Full Length
AF-STFC0XX	Conical 3mm	Seal-In	Full Length

ACCESSORIES

LINER DRYING STAND

The liner drying stand is designed for storing a liner over night and to dry a liner after cleaning.

Part#	Description
P-940001	Liner Drying Stand



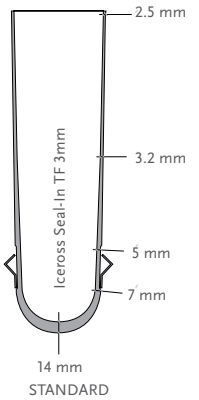
ICEROSS SEAL-IN® TRANSFEMORAL

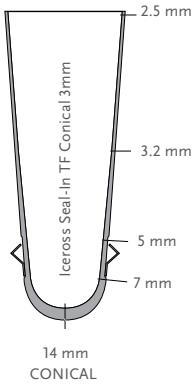


The Iceross Seal-In Transfemoral liner offers security and freedom of movement for low to extremely active transfemoral amputees. With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Seal-In Transfemoral Liner is used in conjunction with the Icelock® 500 Series Expulsion Valve.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,45,50,55.
Size Conical:	25,26.5,28,30,32,34,36,38.
Profile:	3mm
Matrix:	Full Length







SUSPENSION METHOD



SEAL-IN

FEATURES



STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | CONICAL

MINIMUM RECOMMENDED LENGTH OF RESIDUAL LIMB

Liner Sizes	MInimum Length
25-30	125 mm
32-40	135 mm
45-50	155 mm
55	165 mm

PART NUMBER INFORMATION - ICEROSS SEAL-IN TRANSFEMORAL LINER

Part#	Profile	Suspension Method	Matrix
I-7532XX	Standard 3mm	Seal-In	Full Length
I-7632XX	Conical 3mm	Seal-In	Full Length

ICEROSS® TRANSFEMORAL LOCKING

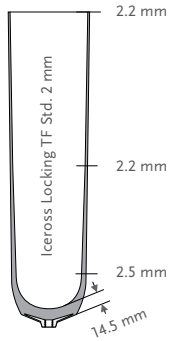


Iceross Transfemoral Locking is the first suspension liner exclusively designed to provide stability and control for transfemoral amputees.

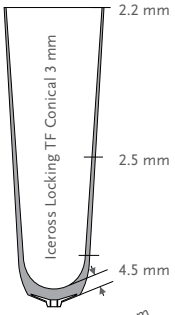
With textile that has improved the adhesion by 25%, the fabric cover is extremely durable and allows radial stretch and comfortable elasticity.

Össur recommends that Iceross Transfemoral Liner is used in conjunction with the Icelock® 200 Series.

User Information	
Amputation Level:	Transfemoral
Impact Level:	All
Liner Information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,42,45,50,55.
Size Conical:	23.5,25,26.5,28,30,32,34,36,38,40,42.
Profile:	2mm Std and 3mm Con
Matrix:	Full Length



STANDARD



CONICAL



SUSPENSION METHOD


LOCKING

FEATURES


STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | CONICAL

PART NUMBER INFORMATION - ICEROSS TRANSFEMORAL LOCKING LINER

Part#	Profile	Suspension Method	Matrix
I-7032XX	Standard 2mm	Locking	Full Length
I-7132XX	Conical 3mm	Locking	Full Length

ICEROSS® UPPER-X LOCKING

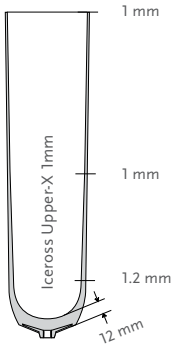


The Iceross Upper-X liner is a comfortable liner with an excellent suspension method for upper-extremity amputees.

Unlike other current methods of suspension, Iceross Upper-X eliminates the need for straps and belts and has an ultra-thin, pliable profile that provides more user comfort and increased limb sensation. Superb suspension is obtained by combining quality DermoSil™ silicone with a full-matrix outer cover that virtually eliminates pistoning while allowing radial stretch for volume accommodation. A rolling method makes donning and doffing hassle-free.

Össur recommends that Iceross Upper-X liner is used in conjunction with the Icelock® 700 Series.

User Information	
Amputation Level:	Transradial and Transhumeral
Impact Level:	All
Liner Information	
Size Standard:	12,14,16,18,20,22.
Profile:	1mm





SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE

PART NUMBER INFORMATION - ICEROSS UPPER-X LOCKING LINER

Part#	Profile	Suspension Method	Matrix
I-8131XX	1mm	Locking	Full Length

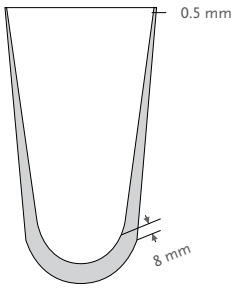
ACCESSORIES

ICEROSS DISTAL CUP

Distal Cup is made from silicone and is designed for conical and/or sensitive residual limbs that require volume build-up.

Product Information	
Size:	06,07,09,11,12,14,16,17,19,20,22,24,26.





To select the correct Distal Cup size, the circumference is measured approximately 4cm above the distal end of the residual limb. Select the Distal Cup one or two sizes smaller than the measurement and roll on. To select the correct Iceross liner size to fit over the Distal Cup, the circumference is measured approximately 4cm above the end of the Distal Cup. Select Iceross size as measured or the next size down.

Part#	Description
I-3000XX	Distal Cup

ICEROSS PADS

Iceross Pads are designed for padding over bony prominences and as a filler for deep voids and scarred residual limbs.



Product Information			
Part#	Size	Thickness	Fits Iceross Size
I-610338	37mm (1.46")	10mm (0.39")	12-20
I-610348	45mm (1.77")	10mm (0.39")	22-23.5
I-610358	54mm (2.13")	10mm (0.39")	25-28
I-610368	62mm (2.44")	10mm (0.39")	30-32
I-610378	70mm (2.76")	10mm (0.39")	34-36
I-610388	77mm (3.03")	10mm (0.39")	38-42
I-610398	86mm (3.39")	10mm (0.39")	45

SILICONE ADHESIVE

Helpful to repair minor damage to the Iceross liners or sleeves and for stabilisation of fabric cover on Iceross Transfemoral liners after trimming.



Part#	Description
I-400310	Silicone Glue 10ml (0.34oz)

LUBRICANT SPRAY

Iceross Clean & Simple Lubricant Spray aids the donning and doffing of Iceross Seal-In Liners and Liners without fabric cover.



Part#	Description
S-610250	Iceross Clean & Simple Lubricant Spray 250ml (8.8 oz)

ACCESSORIES

LINER SPRAY PEN

Can be filled with lubricant spray to ease the donning of Seal-In Liners with uncoated seals.

Part#	Description
I-990100	Liner spray pen



ICEROSS INTERFACE SHEATH

The Interface Sheath makes donning of the socket easier. Designed with a reinforced distal opening for durability.

Part#	Description	Length
K-190200	Interface Sheath	28cm (11")



ICEROSS SOCKS

The Iceross Socks are designed to compensate volume fluctuations of the residual limb within the socket and to accommodate the Distal-Lock function. Designed with a knitted hole for the distal connector and proper function of the lock.

Part#	Description	Length
K-520002	Iceross Sock 2-Ply – 2 Socks in a Pack	32cm (12 5/8")
K-520004	Iceross Sock 4-Ply – 2 Socks in a Pack	33cm (13")

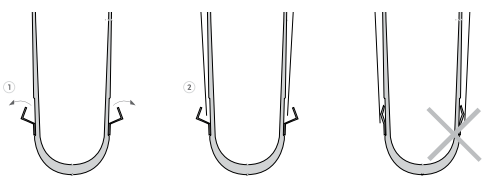


ICEROSS SEAL-IN SOCKS

The Iceross Seal-In sock is designed to work in combination with the Iceross Seal-In liner to obtain an improved fit if volume reduction is experienced in the proximal area of the residiuum. The Iceross Seal-In sock is intended for use above the Hypobaric Sealing Membrane (HSM™) only and should never cross it.

Part#	Size	Iceross Size	Length	Ply
K-531110	10	16-25	35cm (13 3/4")	1
K-531113	13	26.5-34	35cm (13 3/4")	1
K-531116	16	36-45	35cm (13 3/4")	1
K-531120	20	50-55	35cm (13 3/4")	1
K-531310	10	16-25	35cm (13 3/4")	3
K-531313	13	26.5-34	35cm (13 3/4")	3
K-531316	16	36-45	35cm (13 3/4")	3
K-531320	20	50-55	35cm (13 3/4")	3





Note: Loss of suspension will occur if a sock is placed over the HSM Seal.

ACCESSORIES

FLEX EVA

Especially suitable in combination with coated Seal liners

Part#	Color	Size
1820610	White	400x400x10mm
1820612	White	400x400x12mm
1820615	White	400x400x15mm



PROPERTIES

Can be used to create a semi flexible comfort zone or a inner socket.

ICEROSS CURVEMASTER

Part#	Description
K-220000	Iceross Curvemaster
K-200150	Replacement Cutting Wheels Set



Includes:
- Upper cutting wheel (K-200126)
- Lower cutting wheel (K-200127)
- Friction ring (K-200118)

LINER DRYING STAND

The liner drying stand is designed for storing a liner over night and to dry a liner after cleaning.

Part#	Description
P-940001	Liner Drying Stand



ÖSSUR SOCKETS

ÖSSUR TRANSFEMORAL SOLUTIONS



DIRECT SOCKET TF



AEROFIT®



CONNECT TF

ÖSSUR TRANSTIBIAL SOLUTIONS



DIRECT SOCKET TT

DIRECT SOCKETS

INTRODUCTION

Direct Socket is a standardised, amputee-centric socket solution for both transtibial and transfemoral amputees of all activity levels that enables fabrication and delivery in one session.

Direct Sockets enable CPOs, O&P Clinics and their business owners to consistently provide end users with a high quality, correctly fitting, tailored prosthesis in one session.

The process and socket solution are designed to increase user satisfaction through improved outcomes and allows the CPO to spend time more efficiently with the user, while the user has fewer trips to the clinic.

The Direct Socket system consists of the following key components:
- Casting liners
- Materials and Material kit with all consumables needed to fabricate one socket, including fiber braids and resin
- Direct Socket Tool Kit including the Icecast tool and EVA Relief Pads

The Icecast tool is a single chamber pressure-casting system designed to distribute pressure to shape soft tissue during casting. It provides additional control over soft tissue during casting, reducing overall production time and ensuring repeatable, accurate result. EVA Relief Pads allow for pre-casting adjustments for pressure points, eliminating the need for rectification.

Key features of the Direct Socket system:
- Offers all necessary tools and materials to produce a definitive prosthetic socket
- Fabrication and delivery in one session
- Standardised process – consistent results
- Clean fabrication through contained resin handling
- The socket has a 4-hole adapter making it usable with different locking or suspension variants
- CE marked, tested according to ISO 10328

CHARACTERISTICS

DIRECT SOCKET SYSTEM

Direct Socket System offers a mobile socket-making system which requires only one appointment to produce the socket. Pre-casting adjustments for pressure points eliminate the need for rectification.



DIRECT SOCKET TT



Direct Socket TT is a socket solution for transtibial amputees of all activity levels. With the use of the Direct Socket materials and tools, the fabrication process is standardised. The materials are provided in material kits where each kit provides all the consumables needed to fabricate one socket.



Patient Profile:	
Amputation Level:	Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	100kg (220lbs) - for 4'' braids 166kg (365lbs) - for 5'' & 7'' braids

FEATURES



WEATHERPROOF

ORDERING INFORMATION

MATERIAL KITS



Part#	Description
M-500104	Direct Socket, 4'' Glass Fibers with small distal connector, Neutral Resin
M-500105	Direct Socket, 5'' Glass Fibers with medium distal connector, Neutral Resin
M-500107	Direct Socket, 7'' Glass Fibers with medium distal connector, Neutral Resin
M-501107	Direct Socket, 7'' Glass Fibers with large distal connector, Neutral Resin
M-500114	Direct Socket, 4'' Glass Fibers with small distal connector, Black Resin
M-500115	Direct Socket, 5'' Glass Fibers with medium distal connector, Black Resin
M-500117	Direct Socket, 7'' Glass Fibers with medium distal connector, Black Resin
M-501117	Direct Socket, 7'' Glass Fibers with large distal connector, Black Resin
M-500205	Direct Socket, 5'' Carbon Fiber with medium distal connector, Black Resin
M-500207	Direct Socket, 7'' Carbon Fiber with medium distal connector, Black Resin
M-500314	Direct Socket, 4'' Basalt Fibers with small distal connector, Black Resin
M-500315	Direct Socket, 5'' Basalt Fibers with medium distal connector, Black Resin
M-500317	Direct Socket, 7'' Basalt Fibers with medium distal connector, Black Resin
M-501317	Direct Socket, 7'' Basalt Fibers with large distal connector, Black Resin

Includes:
- Glass Fiber Braids (4'', 5'' or 7''), Carbon Fiber Braids (5'' or 7'') or Basalt Fiber Braids (4'', 5''or 7'')
- Resin Cartridge (200ml or 400ml, Neutral or Black colored)
- 2x60 cm Silicone insulation sheets
- 1 Silicone Insulation Cap
- Trim Line Tape
- Plastic protection sheets

DIRECT SOCKET TT

ORDERING INFORMATION

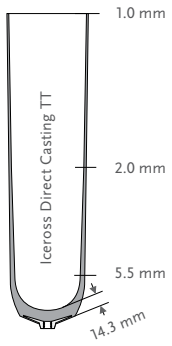
BRAID SELECTION

Refer to the following table as a recommendation of how to select the fiber braid size.

Liner size	Braid size
16 – 22	4”
23.5 – 30	5”
32 – 34	7”

ICEROSS® CASTING LINER TT

User Information	
Amputation Level:	Transtibial
Liner information Transtibial	
Size Standard:	16,18,20,22,23.5,25,26.5,28,30,32,34.





SUSPENSION METHOD



LOCKING

PART NUMBER INFORMATION - ICEROSS CASTING LINER TRANSTIBIAL

Part#	Suspension Method
I-09DCXX	Locking

DIRECT CASTING LINER WALL MOUNT

The Direct Socket Wall Mount is specifically made to keep the Iceross Direct Casting Liners, the Icecast Pump and Bladder at hand in a room setup for Direct Socket fabrication. The wall mount item is made by order only.



Part#	Description
ODC10000	Direct Socket Wall Mount

DIRECT SOCKET TF



Direct Socket TF is a socket solution for transfemoral amputees of all activity levels. With the use of the Direct Socket Materials and tools and the Össur Brim, the fabrication process is standardised. The materials are provided in material kits where each kit provides all the consumables needed to fabricate one socket. The seperately ordered Össur Brim is a flexible proximal silicone brim that is available in 15 sizes.



User information	
Amputation Level:	Transfemoral
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

FEATURES



WEATHERPROOF

ORDERING INFORMATION

MATERIAL KITS

Part#	Description
M-501105	Direct Socket, 5" Glass Fibers with medium distal connector, Neutral Resin
M-500107	Direct Socket, 7" Glass Fibers with medium distal connector, Neutral Resin
M-501107	Direct Socket, 7" Glass Fibers with large distal connector, Neutral Resin
M-501109	Direct Socket, 9" Glass Fibers with large distal connector, Neutral Resin
M-501115	Direct Socket, 5" Glass Fibers with medium distal connector, Black Resin
M-500117	Direct Socket, 7" Glass Fibers with medium distal connector, Black Resin
M-501117	Direct Socket, 7" Glass Fibers with large distal connector, Black Resin
M-501119	Direct Socket, 9" Glass Fibers with large distal connector, Black Resin
M-501315	Direct Socket, 5" Basalt Fibers with medium distal connector, Black Resin
M-500317	Direct Socket, 7" Basalt Fibers with medium distal connector, Black Resin
M-501317	Direct Socket, 7" Basalt Fibers with large distal connector, Black Resin
M-501319	Direct Socket, 9" Basalt Fibers with large distal connector, Black Resin



Includes:

- Glass Fiber Braids (5”, 7” or 9”) or Basalt Fiber Braids (5”, 7” or 9”)
- Resin Cartridge (400ml Neutral or Black coloured)
- 2x60cm Silicone insulation sheets
- 1 Silicone Insulation Cap
- Trim Line Tape
- 2 Plastic protection sheets

DIRECT SOCKET TF

ORDERING INFORMATION

BRAID SELECTION

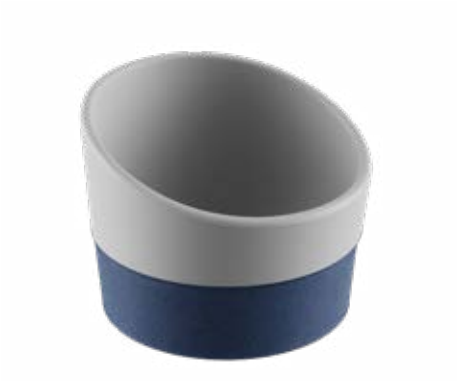
Refer to the following table as a recommendation of how to select the fiber braid size.

Liner size	Braid size
23.5 – 28	5”
30 – 32	5” or 7” with standard distal connector
34 - 42	7”*
45 - 55	9”

* Consider 7 inch braids with large distal connector during assessment of residual limb size, length and amount of soft tissue

ÖSSUR BRIM

Part#	Description	Circumference
M-FBS360	Össur Brim TF size 36	35 - 37 cm
M-FBS380	Össur Brim TF size 38	37 - 39 cm
M-FBS400	Össur Brim TF size 40	39 - 41 cm
M-FBS420	Össur Brim TF size 42	41 - 43 cm
M-FBS440	Össur Brim TF size 44	43 - 45 cm
M-FBS460	Össur Brim TF size 46	45 - 47.5 cm
M-FBS485	Össur Brim TF size 48.5	47.5 - 50 cm
M-FBS510	Össur Brim TF size 51	50 - 52.5 cm
M-FBS535	Össur Brim TF size 53.5	52.5 - 55 cm
M-FBS560	Össur Brim TF size 56	55 - 57.5 cm
M-FBS585	Össur Brim TF size 58.5	57.5 - 60 cm
M-FBS610	Össur Brim TF size 61	60 - 63 cm
M-FBS640	Össur Brim TF size 64	63 - 66 cm
M-FBS670	Össur Brim TF size 67	66 - 69 cm
M-FBS700	Össur Brim TF size 70	69 - 72 cm



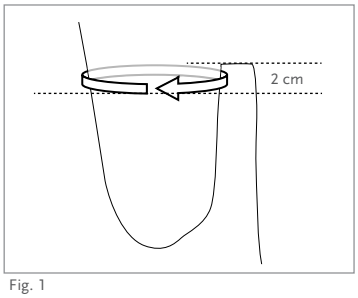


Fig. 1

BRIM SIZE SELECTION

1. Measure the circumference 1-2 cm below the level of ischial tuberosity (see fig.1).
2. Select the correct brim size from the table above.

Note. If the circumference is between two sizes, select the larger size. If the brim will be placed high on the lateral side, think of selecting one size larger.

AEROFIT® SOCKETS

DEVICE SELECTION

FOR DIRECT SOCKET TF

Depending on the selected liner profile and size, the Socket Height shall at minimum match the Minimum Socket Height values stated in Table 1 for vents to be installed. The Socket Height is measured from a tabletop to the lowermost part of the device on the medial side (Fig. 2: a).

FOR CONVENTIONALLY LAMINATED TF SOCKETS

Depending on the selected liner profile and size, the Socket Height shall at minimum match the Minimum Socket Height values stated in Table 1 for vents to be installed. The Socket Height is measured from the bottom of the inside of the socket to the lowermost part of the socket.(Fig. 2: a).

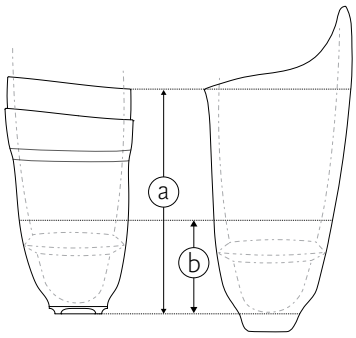


Fig. 2:a

TABLE 1 - MINIMUM SOCKET HEIGHT			
Standard Liner Profile		Conical Liner Prof ile	
Liner Size	Min. Socket Height (cm) (Fig. 2:a)	Liner Size	Min. Socket Height (cm) (Fig. 2:a)
25	22	23,5	22
26,5	23	25	22
28	23	26,5	22
30	24	28	23
32	24	30	23
34	24	32	24
36	25	34	25
38	25	36	25
40	26	38	25
45	27	40	26
50	29	-	-
55	30	-	-

AEROFIT® SOCKET



Together with the Aerofit Liner, the Aerofit socket converts a TF socket into a breathable system by installing vents to expel humidity from the socket, promoting airflow and reducing humidity build up. The vents are installed using the AeroFit Tool Kit.

When using AeroFit with Direct Socket TF, the breathable AeroFit socket can be fabricated during a single visit. Users can enjoy the benefits of the AeroFit system immediately rather than needing multiple clinic visits. The fabrication process is standardised, using the Direct socket materials, the Tool Kit and the brim.

This AeroFit Socket is part of the breathable AeroFit system. Please take a look at catalogue pages about AeroFit Seal-In liner, AeroFit Vents and AeroFit Tool Kit – so you can get your patient a full AeroFit system.



User Information	
Amputation Level:	Transfemoral
Impact Level:	Low to High
Patient Weight Limit:	166kg (365lbs)



BREATHABILITY



DIRECT SOCKET SYSTEM



WEATHERPROOF

ORDERING INFORMATION

AEROFIT MATERIAL KITS - ITEM NUMBERS

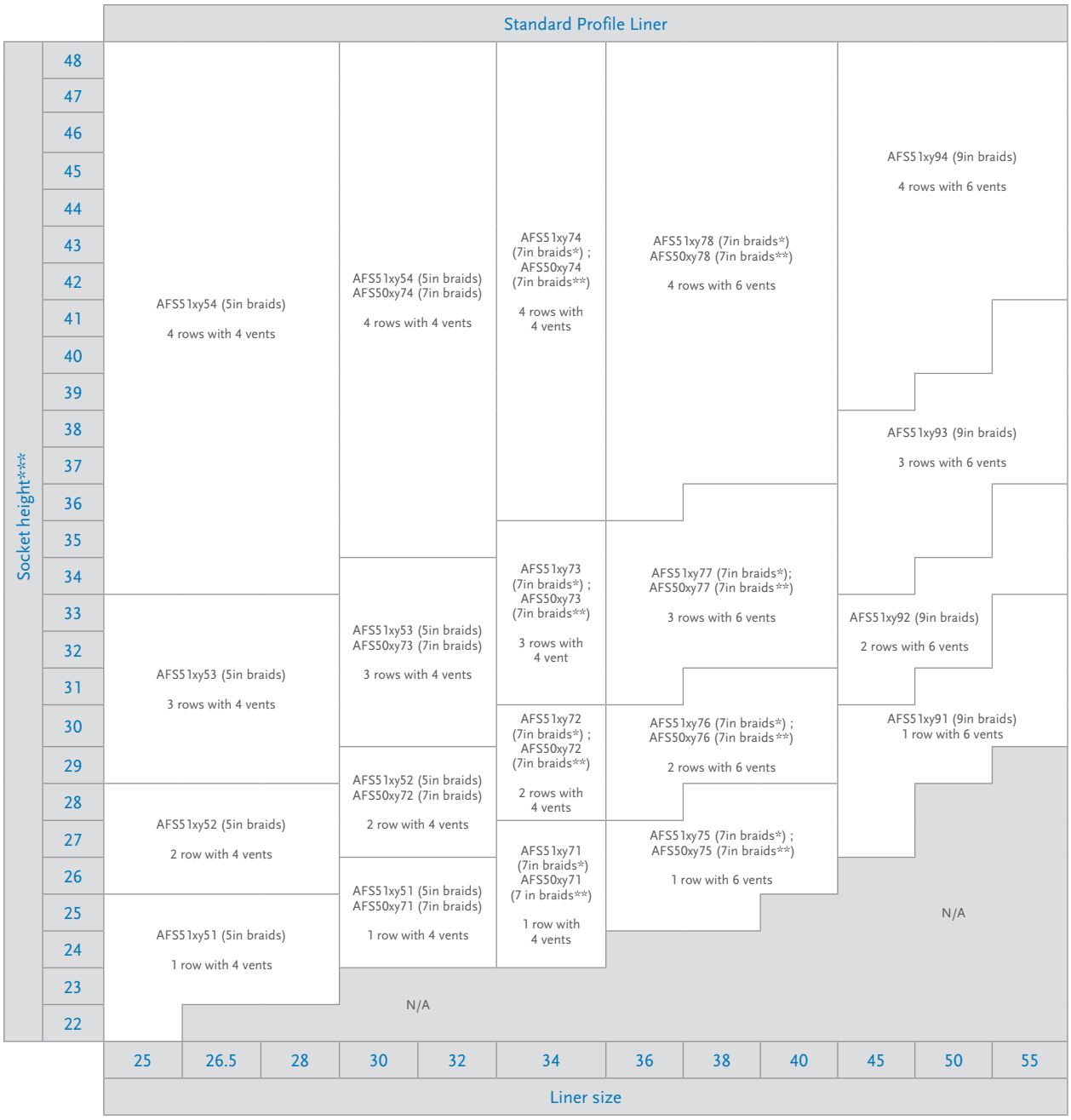
Part#	Description
AFS51xy5z	5 inch braids
AFS50xy7z	7 inch braids with medium distal end
AFS51xy7z	7 inch braids with large distal end
AFS51xy9z	9 inch braids

x: fiber type; 1=glass, 3=basalt
y: resin color; 0=neutral, 1=black
z: index for number of vents needed based on liner size, liner profile and limb length
See below item selection guide to decide on item number to use (#of vents)

AEROFIT® DIRECT SOCKET TF

ITEM SELECTION GUIDE AND HOLE CONFIGURATION

STANDARD PROFILE LINER



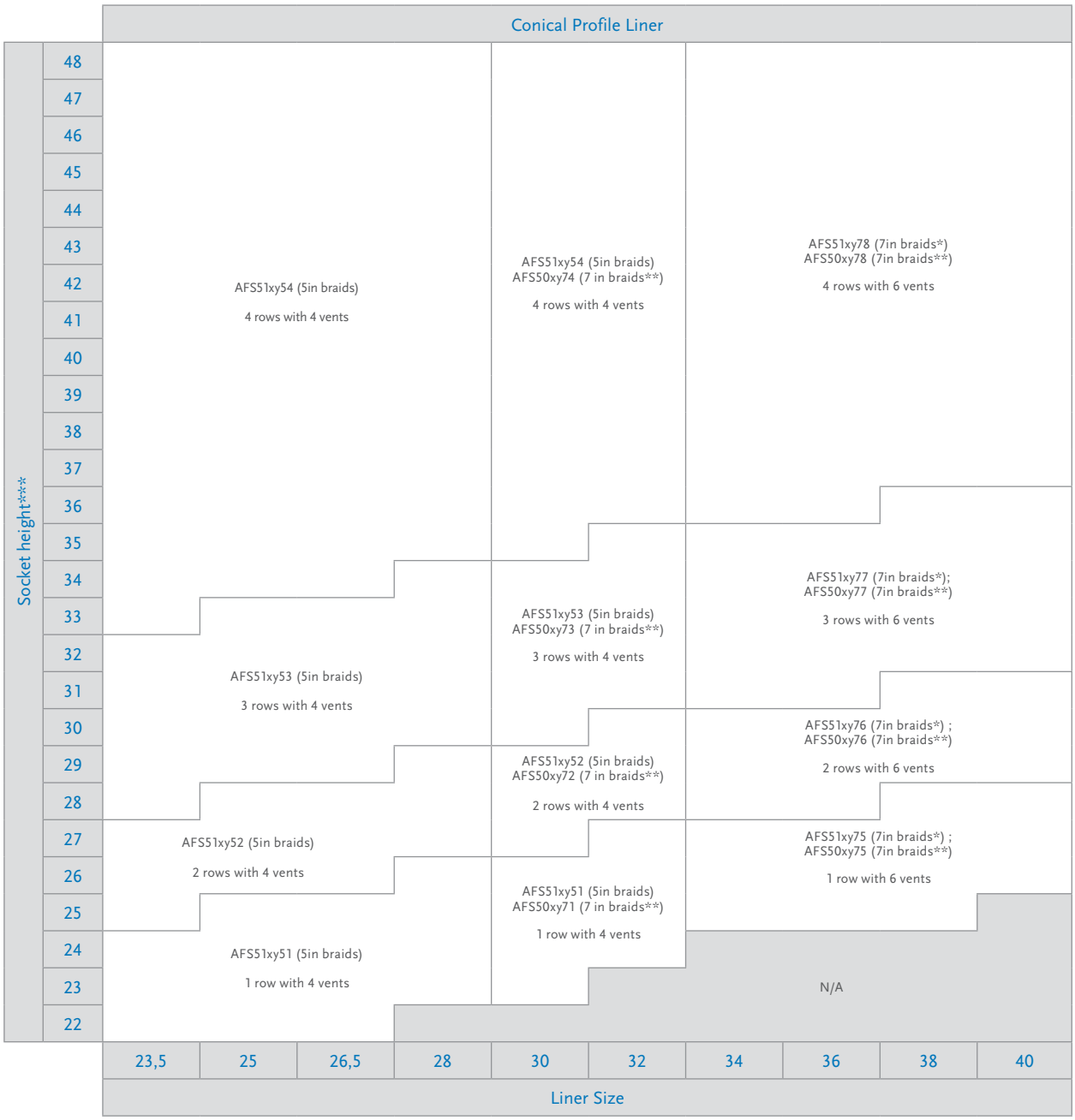
* 7in braids, large distal end.
** 7in braids, medium distal end.
*** Consider limb length fit based on minimum socket height.

GO TO TABLE OF CONTENTS

AEROFIT® DIRECT SOCKET TF

ITEM SELECTION GUIDE AND HOLE CONFIGURATION

CONICAL PROFILE LINER



* 7in braids, large distal end.
** 7in braids, medium distal end.
*** Consider limb length fit based on minimum socket height.

AEROFIT® VENTS



By integrating AeroFit vents into a TF socket and pairing them with the AeroFit Seal-In liner, the socket becomes a breathable system that enhances airflow and helps prevent humidity build-up.

Black vents are suitable for socket wall thicknesses from 2.0 to 3.5 mm, and grey vents are suitable for wall thicknesses from 3.5 to 7.5 mm. Installation should follow the AeroFit Vents guidelines to ensure safe and consistent placement.

The AeroFit Vents are part of the breathable AeroFit system. Please take a look at catalogue pages about AeroFit Seal-In liner, AeroFit Socket and AeroFit Tool Kit – so you can get your patient a full AeroFit system.



User Information	
Amputation Level:	Transfemoral
Impact Level:	Low to High



BREATHABILITY

ORDERING INFORMATION

Part#	Description
AFS00121	AeroFit Vent Kit, 4 vents of each type
AFS00122	AeroFit Vent Kit, 6 Vents of each type

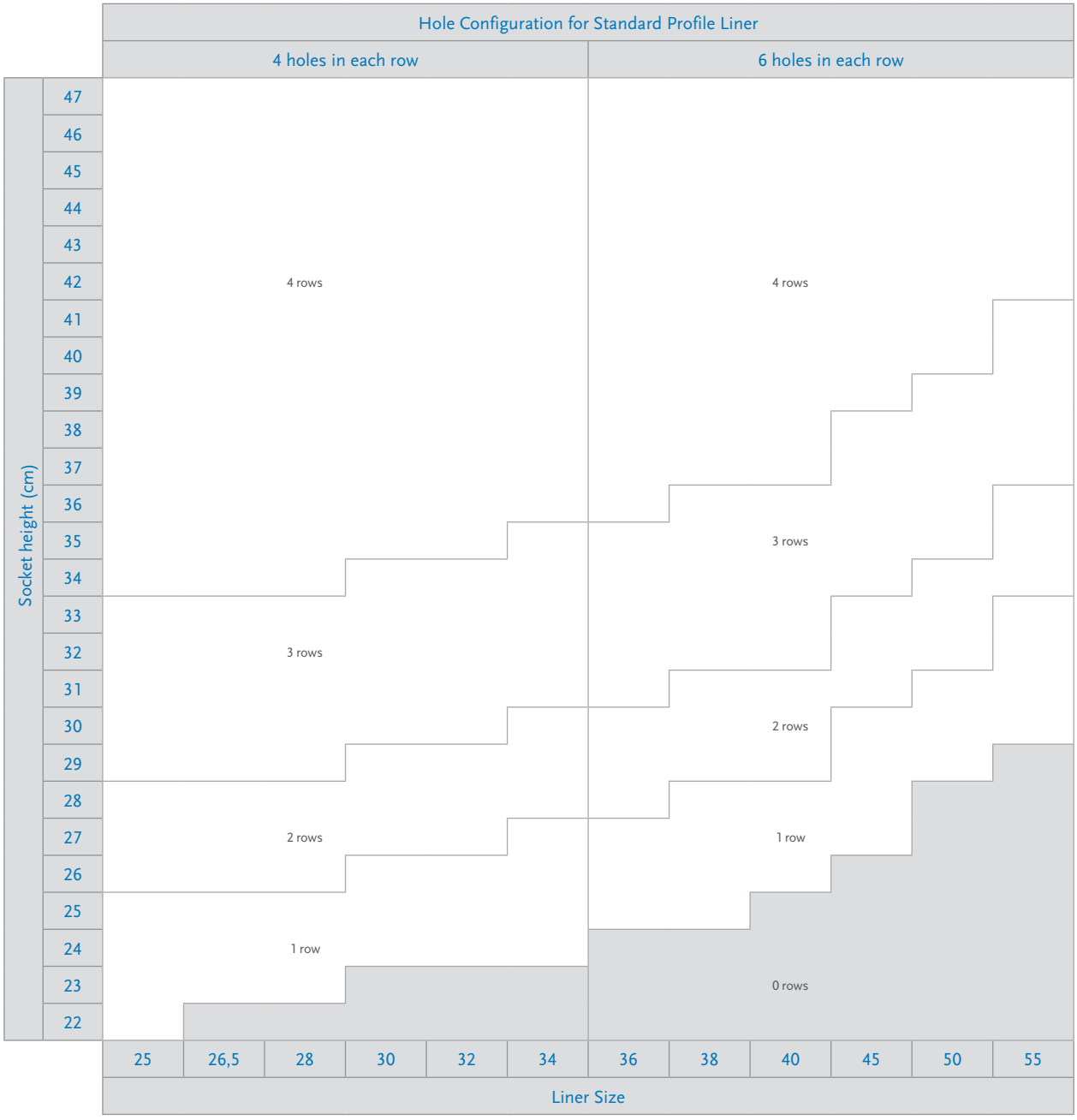
VENTS SPARE PARTS

Part#	Description
AFS00104	Vents grey 7 pcs, thick 3.5-7.5mm
AFS00105	Vents black 7 pcs, thick 2.0-3.5 mm

AEROFIT® VENTS

AEROFIT® VENTS FOR CONVENTIONAL SOCKETS

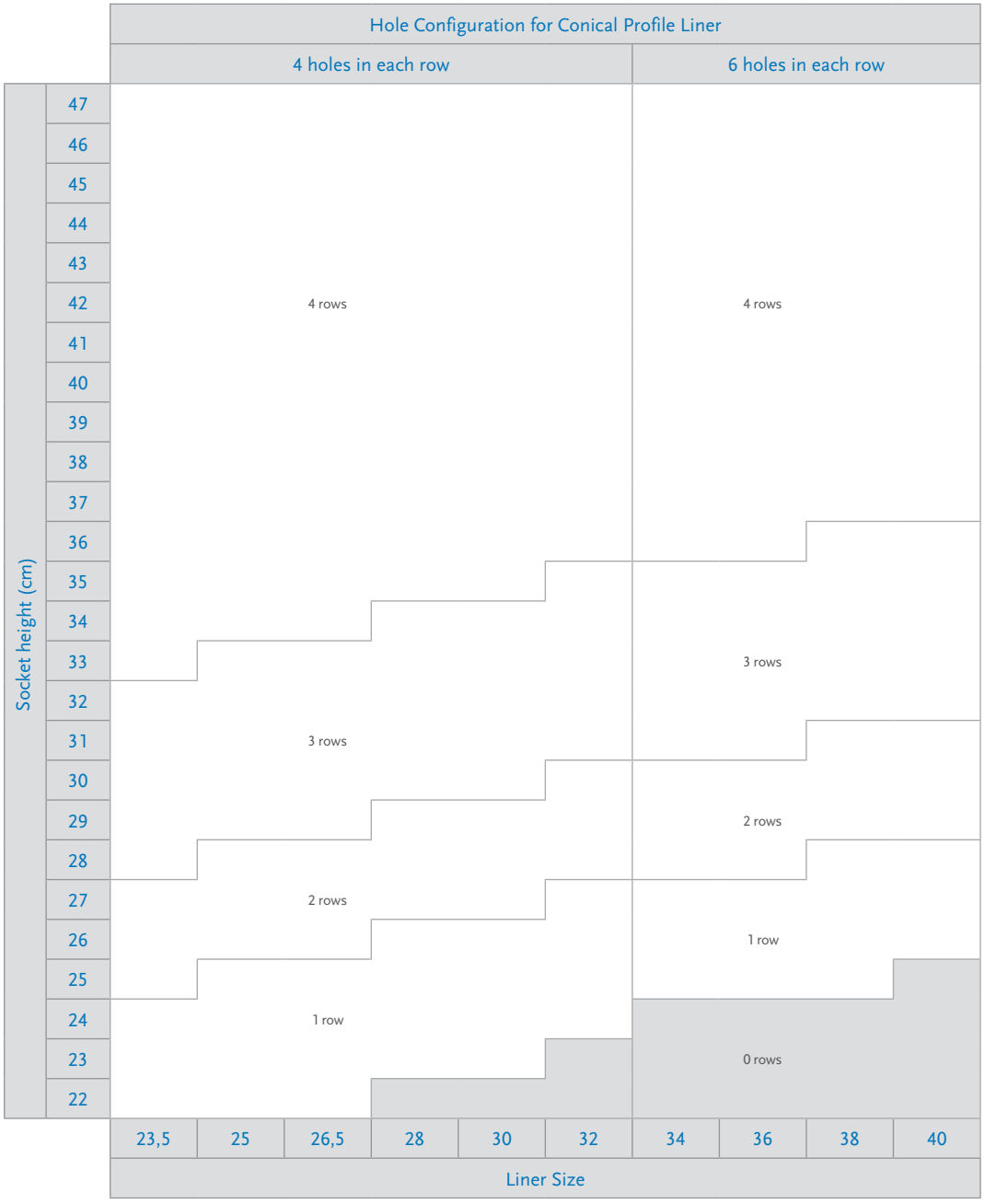
ITEM SELECTION GUIDE AND HOLE CONFIGURATION



AEROFIT® VENTS

AEROFIT® VENTS FOR CONVENTIONAL SOCKETS

ITEM SELECTION GUIDE AND HOLE CONFIGURATION



GO TO TABLE OF CONTENTS

AEROFIT® TOOL KIT

The AeroFit Tool Kit includes tools for the installation of AeroFit vents in the socket. It includes a cutting tool, a drilling tool, a honing tool, two hole saws and hole guides for consistent installation.

This AeroFit Tool Kit is part of the breathable AeroFit system. Please take a look at catalogue pages about AeroFit Seal-In liner, AeroFit Socket and AeroFit Vents – so you can get your patient a full AeroFit system.



AEROFIT TOOL KIT

Part#	Description
AFS00110	AeroFit Tool Kit

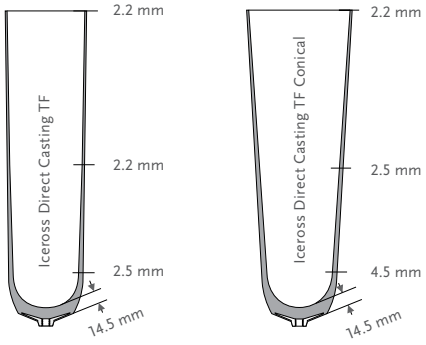
Includes:
- Silicone Cutting Tool
- Hole Guides
- Drill
- Honing Tool
- Marker
- Hole Saw 22 mm
- Hole Saw 38 mm

TOOL KIT SPARE PARTS

Part#	Description
AFS00111	Cutting Tool Replacement Kit
AFS00112	Hole Guide Replacement Kit
AFS00113	Drill Replacement Kit
AFS00114	Honing Tool Replacement Kit
AFS00115	Hole Saw 38 mm Replacement
AFS00116	Hole Saw 22 mm Replacement

ICEROSS® CASTING LINER TF

User Information	
Amputation Level:	Transfemoral
Liner information	
Size Standard:	25,26.5,28,30,32,34,36,38,40,42,45,50,55
Size Conical:	23.5,25,26,5,28,30,32,34,36,38,40,42



SUSPENSION METHOD



LOCKING

PART NUMBER INFORMATION - ICEROSS CASTING LINER TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
I-09FLXX	Standard 2mm	Locking	Full Length
I-09FLCXX	Conical 3mm	Locking	Full Length

DIRECT CASTING LINER WALL MOUNT

The Direct Socket Wall Mount is specifically made to keep the Iceross Direct Casting Liners, the Icecast Pump and Bladder at hand in a room setup for Direct Socket fabrication. The wall mount item is made by order only.

Part#	Description
ODC10000	Direct Socket Wall Mount



DIRECT SOCKET TOOL KIT

Direct Socket Tool Kit provides the prosthetist with the tools to consistently make a reliable socket using the Direct Socket system. The toolkit includes the Icecast bladder and pump, a single chamber pressure-casting system designed to distribute pressure to shape soft tissue during casting. The pressure-casting system loads the residual limb, eliminating the need for modification of the resultant socket shape. A reinforcing matrix makes the chamber durable, and controls elongation.



Part#	Description
M-500300	Direct Socket Tool Kit

Includes:
- Icecast Pump
- Icecast Bladder
- Icecast Case
- Resin Injection Tools (200ml and 400ml)
- Distal Attachment Tool
- Tape Ring Kits (Standard and Large)
- Lanyard Cord
- Relief Pads EVA
- Sheet straps
- Brim Tape

DIRECT SOCKET TOOLS AND TOOL KIT SPARE PARTS

Picture#	Part#	Description
1.	D-040510	Icecast Pump
2.	D-040520	Icecast Bladder
3.	M-400201	Resin Injection Tool, 200 ml
3.	1950504	Resin Injection Tool, 400 ml
4.	D-040532	Distal Attachment Tool for Direct Socket
5.	D-040534	Distal Attachment Tool for Plaster Casting
6.	D-040552	Tape Ring Kit - Standard
7.	D-040553	Tape Ring Kit - Large
8.	M-100001	Relief Pads EVA
9.	M-500330	Trolley for Icecast Case
10.	M-110011	Sheet straps
11.	M-100120	Brim Tape
12.	ODC20011	Sheet applicator, small
13.	ODC20012	Sheet applicator, large


1.

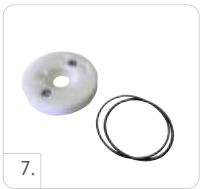

2.


3.


4.


5.

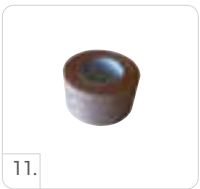

6.


7.


8.


9.


10.


11.


12.


13.

DIRECT SOCKET MATERIALS

FIBER BRAIDS

Part#	Description
M-100605	4 in Basalt Fibers with small distal connector
M-100650	4 in Basalt Fibers with small distal connector 10 pcs
M-100601	5 in Basalt Fibers with medium distal connector
M-100610	5 in Basalt Fibers with medium distal connector 10pcs
M-100602	7 in Basalt Fibers with medium distal connector
M-100620	7 in Basalt Fibers with medium distal connector 10pcs
M-100603	7 in Basalt Fibers with large distal connector
M-100630	7 in Basalt Fibers with large distal connector 10pcs
M-100604	9 in Basalt Fibers with large distal connector
M-100640	9 in Basalt Fibers with large distal connector 10pcs
M-100101	5 in Glass Fibers with medium distal connector
M-100301	4 in Glass Fibers with small distal connector
M-100310	4 in Glass Fibers with small distal connector 10 pcs
M-100110	5 in Glass Fibers with medium distal connector 10pcs
M-100201	7 in Glass Fibers with medium distal connector
M-100210	7 in Glass Fibers with medium distal connector 10pcs
M-100302	7 in Glass Fibers with large distal connector
M-100320	7 in Glass Fibers with large distal connector 10pcs
M-100303	9 in Glass Fibers with large distal connector
M-100330	9 in Glass Fibers with large distal connector 10pcs
M-100401	5 in Carbon Fibers with medium distal connector
M-100410	5 in Carbon Fibers with medium distal connector 10pcs
M-100501	7 in Carbon Fibers with medium distal connector
M-100510	7 in Carbon Fibers with medium distal connector 10pcs
M-100301L	4 in Glass fibers with small distal connector - 70cm*
M-100101L	5 in Glass fibers with medium distal connector - 70 cm*
M-100201L	7 in Glass fibers with medium distal connector – 70*
M-100302L	7 in Glass fibers with large distal connector - 70 cm*
M-100303L	9 in Glass fibers with large distal connector - 70 cm*
M-100605L	4 in Basalt fibers with small distal connector - 70cm*
M-100601L	5 in Basalt fibers with medium distal connector - 70 cm*
M-100602L	7 in Basalt fibers with medium distal connector - 70 cm *
M-100603L	7 in Basalt fibers with large distal connector - 70 cm *
M-100604L	9 in Basalt fibers with large distal connector - 70 cm *



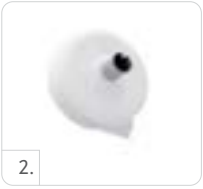
*not a stock item, made by order only

DIRECT SOCKET MATERIALS

OTHER MATERIALS

Picture#	Part#	Description
1.	M-300201	Resin Cartridge 200ml Neutral
1.	M-300211	Resin Cartridge (10pcs) 200ml Neutral
1.	M-300202	Resin Cartridge 200ml Black
1.	M-300212	Resin Cartridge (10pcs) 200ml Black
1.	M-300401	Resin Cartridge 400ml Neutral
1.	M-300411	Resin Cartridge (10pcs) 400ml Neutral
1.	M-300402	Resin Cartridge 400ml Black
1.	M-300412	Resin Cartridge (10pcs) 400ml Black
2.	M-400100	Silicone Insulation Sheets small, 30m
2.	M-400101	Silicone Insulation Sheets 30m
2.	M-400103	Silicone insulation Sheets large 30m
3.	M-400206	Bottom Seal for Direct Socket
4.	M-400300	Silicone Insulation Sheet small, 2x60cm
4.	M-400301	Silicone Insulation Sheet, 2x60cm
4.	M-400303	Silicone insulation sheet large, 2x60cm
5.	M-200161	Silicone Insulation Cap
5.	M-400102	Silicone Insulation Caps, 10 pcs
5.	M-200162	Silicone inulation cap, large
5.	M-400112	Silicone insulation caps large, 10 pcs
6.	M-100120	Brim Tape
	M-110004	Protection sheet roll


1.


2.


3.


4.


5.


6.

DIRECT SOCKET MATERIALS

COMPONENTS

Össur recommends that the following products are used in conjunction with the Direct Socket System.

Picture#	Part#	Description
1.	L-661000	600 Modular Spacer for Icelock 600 Series*
2.	L-621100	Icelock Ratchet 621 Adaptation Kit
3.	L-631100	Icelock Lanyard 631 Adaptation Kit
4.	L-651100	Icelock Smooth 651 Adaptation Kit

*Must be used with Icelock® 600 series.

Picture#	Part#	Description
5.	L-551002	Icelock Expulsion Valve 551*
6.	L-552000	Icelock Expulsion Valve 552
7.	L-544050	Icelock 544 Direct Socket Adapter Plate**
8.	L-544521	Icelock 544 Plate Expulsion**
8.	L-544511	Icelock 544 Plate Unity**

* To be used with Cushion liners; ** To be used with Seal-In liners

Picture#	Part#	Description
9.	A-242610	4-hole Pyramid Receiver 20/20 Offset Al
10.	A-242620	4-hole Pyramid Receiver 20/20 Offset 10° Right
11.	A-242630	4-hole Pyramid Receiver 20/20 Offset 10° Left

Picture#	Part#	Description	
12.	L-214100	Icelock Clutch 4H 214 for Direct Socket System	
13.	L-562400	Icelock 562 Unity for Direct Socket*	**
14.	L-562410	Icelock 562 passive Vacuum for Direct Socket*	**

* To be used with Iceross Seal-In X Locking liner
** Fresh Waterproof


1.


2.


3.


4.


5.


6.

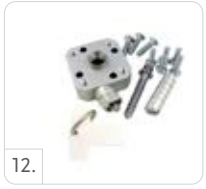

7.


8.


9.


10.


11.


12.


13.


14.

DIRECT SOCKET MATERIALS

Picture#	Part#	Description
15.	A-282440	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 45mm offset 10 degrees flexion
16.	A-282460	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 60mm offset 10 degrees flexion
17.	A-282470	Flexion Plate - 4-hole with 20° rotation (+/-10°) and 36mm threaded. 75mm offset 15 degrees flexion

Picture#	Part#	Description
n/a	A-964410	Screw kit for Flexion Plates used with Direct Socket and Icelock 600
n/a	A-964420	Screw kit for Flexion Plates used with Direct Socket and Icelock 850


15.


16.


17.

ÖSSUR SOCKETS

CHARACTERISTICS

BREATHABILITY
The ventilated structure of the prosthetic interface reduces moisture collecting inside the liner.



BREATHABILITY

DIRECT SOCKET SYSTEM
Direct Socket System offers a mobile socket-making system which requires only one appointment to produce the socket. Pre-casting adjustments for pressure points eliminate the need for rectification.



DIRECT SOCKET SYSTEM

WEATHERPROOF
A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.



WEATHERPROOF

WATERPROOF
Whether it's fresh water, salt water or chlorinated water, Waterproof Össur products will give you the protection you need. The use of first-rate materials provides permanent protection against harmful ingress of water, even after submersion, whilst continuing to provide the functionality you expect.



WATERPROOF

CONNECT® TF



Connect® TF is an adjustable socket indicated for low-activity amputees. The open socket donning feature designed into the on/off tensioning handle helps ease of donning and doffing while the user is in sitting position. Connect TF can be custom fitted by a certified prosthetist and adjusted throughout the socket lifetime in height, angle and circumference.



User Information	
Amputation Level:	Transfemoral
Impact Level:	Low
Patient Weight Limit:	125kg (275lbs)
Socket Information	
Sizes:	Medium Short, Medium Standard, Large Short, Large Standard*
Weight of Socket:	1.5 kg (3.3lbs)
Liner selection:	Iceross Transfemoral Locking – size according to size table
Limited Warranty:	24 Months

*See sizing guidelines below for reference

FEATURES



WEATHERPROOF

ORDERING INFORMATION

Part#	Description
CTF0202L	Medium Short, left side
CTF0203L	Medium Standard, left side
CTF0204L	Large Short, left side
CTF0205L	Large Standard, left side
CTF0202R	Medium Short, right side
CTF0203R	Medium Standard, right side
CTF0204R	Large Short, right side
CTF0205R	Large Standard, right side

Note: A locking pin is included

CONNECT® TF

The Connect TF socket should be used together with:

- Össur components and adapters
- Iceross Transfemoral Locking liner

PART NUMBER INFORMATION – ICEROSS TRANSFEMORAL

Part#	Profile	Suspension Method	Matrix
I-7032XX	Standard 2 mm	Locking	Full Length
I-7132XX	Conical 3 mm	Locking	Full Length

SIZE SELECTION

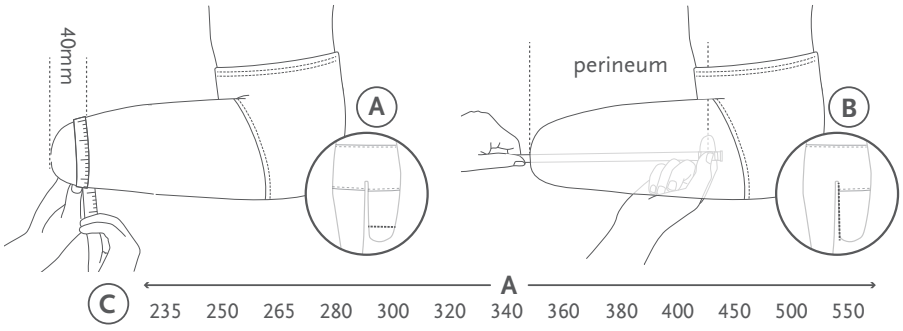
1. Have the user sit down

2. Measure the circumference of the residual limb at 40 mm from the distal end (A)
   Note. It is important to take this measurement with the user sitting

3. Measure the length of the residual limb from the distal end to perineum (B)

4. Select the correct size from the sizing guidelines (C) or size selection table below

SIZING GUIDELINES



MEDIUM SHORT	LARGE SHORT
MEDIUM STANDARD	LARGE STANDARD

SIZE SELECTION TABLE

Connect TF Size	Liner size (circumference 40 mm from distal)	Residual limb length
Medium Short	26.5 – 32 (265-320 mm)	200-240 mm
Medium Standard	26.5 – 32 (265-320 mm)	240-280 mm
Large Short	34 - 40 (340 - 400 mm)	200-240 mm
Large Standard	34 - 40 (340 - 400 mm)	240-280 mm

CONNECT® TF

SPARE PARTS

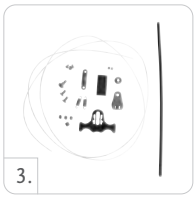
Picture	Part#	Description
1.	CTF12001	Medium Distal End – Distal end used for sizes Medium-Short and Medium-Standard
2.	CTF12002	Large Distal End – Distal end used for sizes Large-Short and Large-Standard
3.	CTF10008	Connect TF Locking Knee Lanyard Kit – Contains all the parts needed to fix the locking knee release mechanism onto the Connect TF socket
4.	CTF12009	Spare parts kit – Spare screws and small plastic parts
5.	CTF12010	Distal Elevation Kit – For 2 cm elevation of funnel in distal end. Longer pin included
6.	CTF12012	Connect TF Handle – Left
7.	CTF12013	Connect TF Handle – Right

TOOLS

Picture	Part#	Description
8.	CTF10009	Bobbin Screwdriver Kit


1.


2.


3.


4.


5.


6.


7.


8.

PRESSURE PADS

The Pressure Pads are made from a non-compressible silicone that can be a part of laminated, thermoformed or directly manufactured sockets such as the Modular Socket System. The pads feature a self-adhesive backing to enable easy application.

KITS

Picture#	Part#	Description
1.	K-190100	Set No. 1, 5 pads (one small disc, one medium disc, one large disc, one spoon pad and one cylindrical pad)
2.	K-190101	Discs, 6 pads in 3 sizes (2 small, 2 medium, 2 large)
3.	K-190102	Spoon (2 large pads)
4.	K-190104	Cylindrical (8 large pads)
5.	K-190110	Set No. 2, 8 pads (one small spoon, 2 cylindrical, small and large; 2 oval, small and large; 2 drops and one horse shoe)
6.	K-190115	Oval, 8 pads, (4 small, 4 large)
7.	K-190150	Ergo pads


1.


2.


3.


4.


5.


6.


7.

ÖSSUR KNEES AND LEGS

CHARACTERISTICS

INCREASED GROUND CLEARANCE
Increased ground clearance in swing phase due to polycentric design.



INCREASED GROUND CLEARANCE

ADJUSTABLE AXIS GEOMETRY
Option to change the geometry to adjust the switching between stance and swing phase to the user's needs.



ADJUSTABLE AXIS GEOMETRY

FULL STANCE FLEXION
Allows the knee to bend under load against an adjustable resistance in an unlimited flexion angle range. Enables the user to walk downstairs alternating.



FULL STANCE FLEXION

ADJUSTABLE STANCE FLEXION
Allows the knee to bend under load against a defined resistance in a limited flexion angle range (app 5-10 degrees). Shock absorbing.



ADJUSTABLE STANCE FLEXION

WEIGHT ACTIVATED LOCK
Knee locks under load by weight activated brake.



WEIGHT ACTIVATED LOCK

PNEUMATIC
Pneumatic swing phase control.



PNEUMATIC

HYDRAULIC
Hydraulic swing and/or stance phase phase control.



HYDRAULIC

AUTOMATIC SPEED ADJUSTMENT
Knee adapts automatically to the users needs of swing phase resistance for a wide range of different walking speeds. No need for the CPO to adjust the swing phase.



AUTOMATIC SPEED ADJUSTMENT

MULTI AXIS
Knee joint has four or more axis.



MULTI AXIS

SINGLE AXIS
Knee joint has one axis.



SINGLE AXIS

EXTENSION ASSIST
Assists the knee to get extended and provide full extension in the end of swing phase.



EXTENSION ASSIST

ÖSSUR KNEES AND LEGS

CHARACTERISTICS

MICROPROCESSOR CONTROL
Swing and Stance phase resistance is controlled by a microprocessor.



MICROPROCESSOR CONTROL

MANUAL LOCK
Knee can be locked in fully extended position. User has the option to release the lock if needed.



MANUAL LOCK

GEOMETRIC LOCK
Knee provides geometric lock at heel strike. Once knee is fully extended in end of swing phase geometric lock will prevent the knee of getting bent before heel strike and the end of stance phase.



GEOMETRIC LOCK

SOCKET CONNECTOR ADAPTATION
Knee offers several proximal adaptions to be choosen by CPO.



SOCKET CONNECTOR ADAPTATION

MECHANICAL CONTROL
Mechanical control of swing and/or stance phase.



MECHANICAL CONTROL

MULTI SPEED
The knee accomodates changes in walking speed.



MULTI SPEED

SINGLE SPEED
Offers the user to walk with constant speed.

SINGLE SPEED

POWER KNEE™

UNITY® COMPATIBLE

INTRODUCTION

The Power Knee is the world's first motor-powered microprocessor knee. Active assistance powers flexion and extension to mimic concentric and eccentric muscle activity. Advanced sensors accurately detect the user's movements and inform the microprocessor where state-of-the-art artificial intelligence enables the knee to respond to the user's needs.

A powerful motor provides consistent stance phase but also free swing phase. Delivering active extension when standing up, controlled resistance when descending, active flexion and extension during walking and energy returning stance flexion, Power Knee facilitates symmetrical weight distribution and natural gait.

KEY FEATURES

- Auto-adaptive real-time stance and swing control
- Energy returning stance flexion
- Active assistance in level-ground walking, step-over-step stair ascent and when standing up
- Intuitive knee lock when standing, facilitating equal weight distribution
- 25 hour typical usage on a single battery
- Replaceable battery, can be charged in knee or separately
- Accompanying Össur Logic app for iOS devices provides simple practitioner setup and adjustment



RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex® Pivot



Pro-Flex® LP Torsion



Pro-Flex® XC Torsion

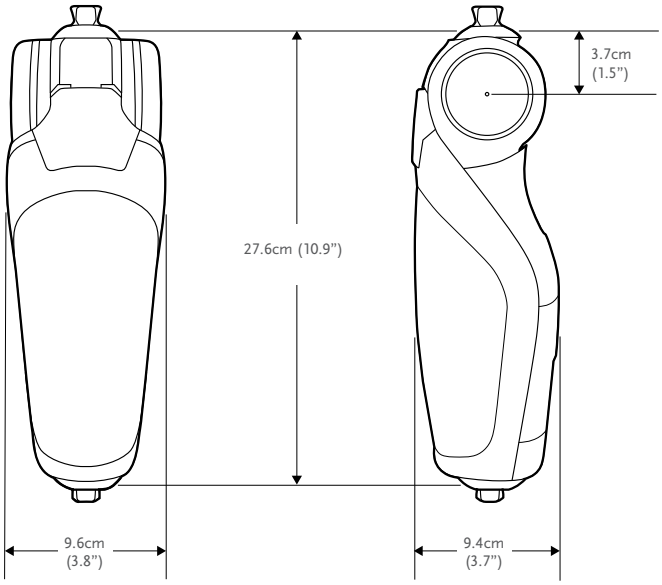
POWER KNEE™



User Information	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Low to Moderate
Maximum Patient Weight:	116kg

Knee Information	
Weight (incl. Battery):	2.6kg (5.7lbs)
Build Height:	276mm (10 7/8")
Knee Flexion:	120°

CLEARANCE



KITS

POWER KNEE KIT

Part#	Description
PKA10001	Power Knee incl. 2 Years Warranty

Includes:
- POWER KNEE
- Lithium Ion Battery Pack
- Power Supply
- Instruction for use

POWER KNEE™

COMPONENTS

POWER KNEE BATTERY

Part#	Description
PKA10002	Power Knee Battery

POWER SUPPLY

Part#	Description
CME50110	Power Supply w/Plug



EXTENDED WARRANTY

POWER KNEE ADDITIONAL WARRANTY*

Part#	Description
PKA01GE1Y	1 Year Additional Warranty
PKA01GE2Y	2 Year Additional Warranty
PKA01GE3Y	3 Year Additional Warranty
PKA01GE4Y	4 Year Additional Warranty

SERVICE CHECK

POWER KNEE SERVICE CHECK

Part#	Description
PKA01SC01	Power Knee Service Check, Standard
PKA01SC02	Power Knee Service Check, Extended

UNITY

UNITY KITS

Part#	Description	Applicable Foot Kits
UTF0001	Unity TF Valve Kit	All



NAVII®

UNITY® COMPATIBLE

INTRODUCTION

Navii is a durable, waterproof microprocessor knee (MPK) with unparalleled freedom of movement. Navii ensures confidence in every step, no matter the terrain. Available in five nature-inspired colours, Navii's protective covers can be effortlessly switched with a magnetic snap-on to suit any occasion.

KEY FEATURES

- Strong actuator with innovative control technology and smooth swing dynamics.
- Waterproof Design (IP68, Pool, Ocean, Beach and Sand).
- Patient removable protective covers available in three different sizes. Medium and Long sizes easily customisable to various lengths. Standard size available in five different colours.
- Variable position mechanical lock which can be locked at 0˚, 10˚ and 20˚
- Accompanying Össur Logic app control centre for all Össur bionic devices.
- Easy set-up and fitting through the set-up wizard and powerful auto-adjustment.
- Step-by-step functional training exercises for both in-clinic and at-home training through the Össur Logic app.
- Progress tracking through printable activity reports.
- High Activity Features (step-over-step ascent, automatic cycling recognition, seamless transition into running).



RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex® Terra



Proprio Foot®



Pro-Flex® LP



Pro-Flex® XC

NAVII®

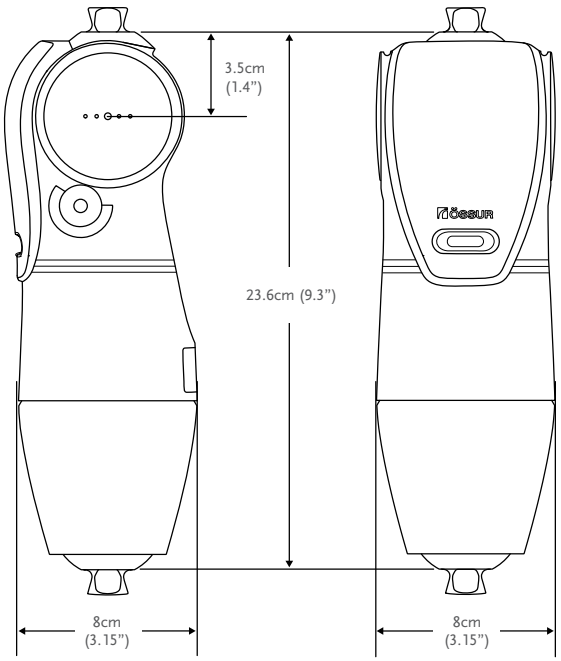


User Information		
Amputation Level:	Transfemoral, Knee disarticulation, Hip disarticulation	
Osseointegration:	Yes	
Bilateral:	Yes	
Impact Level:	Low to moderate	High
Maximum Patient Weight:	136 kg (300 lbs)	110 kg (243 lbs)

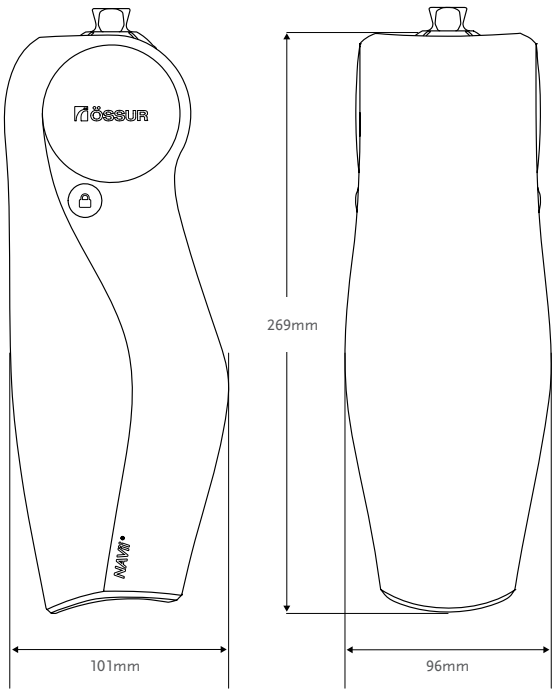
Knee Information	
Net weight:	1.8 kg (4.0 lbs) without protective cover 2.0 kg (4.4 lbs) with protective cover
Build Height:	236 mm (9 ¼")
Knee Flexion:	-2 to 120°
Waterproof:	IP68, Salt, Chlorine, Sand, Soap, Bodily Fluids

CLEARANCE

DIMENSIONS WITHOUT PROTECTIVE COVER



DIMENSIONS WITH PROTECTIVE COVER



GO TO TABLE OF CONTENTS

NAVII®

KITS

NAVII KITS

Part#	Description
NAV01006	Navii incl 6Yr Warranty



Includes:
- Navii (including standard black protective cover)
- Navii power supply w/plug
- Instructions for Use
- NAV01006 include scheduled service check at 40 months

NAVII KIT WITH THREADED TOP ADAPTER:

Navii with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order Navii with threaded top adapter, order the Navii Kit and add Össur´s Pyramid Receiver Insert to the order.

Part#	Description	Height		Weight	
A-145310	Pyramid Receiver Insert / Threaded Top Adapter	9mm	3/8"	33g	1.16oz



NAVII KIT WITH FLEXION TRANSLATION ADAPTER:

Navii with flexion translation adapter is the solution for socket flexion adjustments greater than what is allowable with the set screws.

To order Navii with flexion translation adapter, order the Navii Kit and add Össur´s pyramid to pyramid receiver double adapter with 8mm offset and 10˚angle to the order.

Part#	Description	Material	Height		Build Height		Weight	
A-554700	Pyramid to Pyramid Receiver double adapter	Stainless steel	40mm	1 37/64"	24mm	15/16"	153g	5.8oz



NAVII®

REPLACEMENT PARTS

NAVII PROTECTIVE COVER

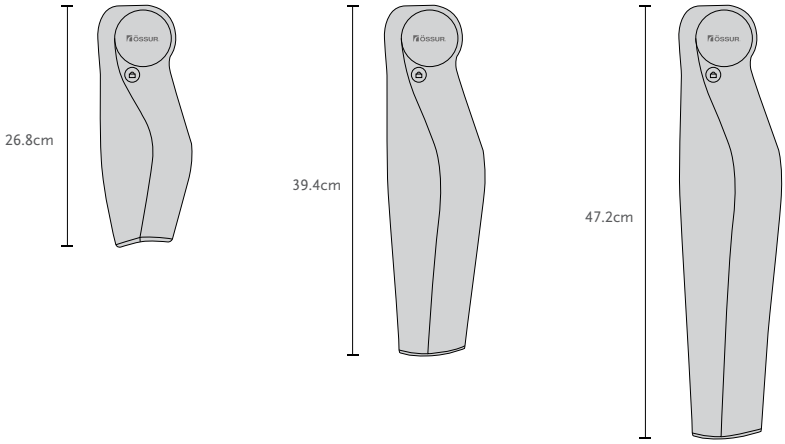
Part#	Description
NAV01PC01S-BLK	Navii Protective Cover, Standard, Onyx Black
NAV01PC01S-GRY	Navii Protective Cover, Standard, Luna Grey
NAV01PC01S-BLU	Navii Protective Cover, Standard, Wave Blue
NAV01PC01S-GRN	Navii Protective Cover, Standard, Mosi Green
NAV01PC01S-RED	Navii Protective Cover, Standard, Adobe Red
NAV01PC01M-BLK	Navii Protective Cover, Medium, Onyx Black
NAV01PC01L-BLK	Navii Protective Cover, Long, Onyx Black



Protective covers can be ordered separately and have a warranty period of 6 months.

NAVII PROTECTIVE COVER DIMENSIONS

Medium and Long cover can be cut to size.



UNITY

UNITY KITS

Part#	Description
UTF0001	Unity TF Valve Kit
UTF0007	Extra Unity Clips for Navii protective Cover Set



COMPONENTS

POWER SUPPLY

Part#	Description
CME50110	Power Supply w/Plug



RHEO KNEE®

UNITY® COMPATIBLE

INTRODUCTION

The RHEO KNEE is a microprocessor-controlled knee designed to promote stability and safety. It enables natural and effortless gait – even on difficult terrain. The RHEO KNEE is easy to fit, and delivers reliable user outcomes.

KEY FEATURES

- Auto adaptive real-time stance and swing control.
- Dependable and easy swing initiation.
- Automatic stumble recovery.
- Manual extension lock.
- Weatherproof design allows exposure to fresh water splashes.
- Accompanying Össur Logic app for iOS devices provides:
  - Simple practitioner setup and adjustment, and printable user activity reports.
  - Functional training exercises.
  - Selection of user preferences and monitoring of step count and battery charge level.



RECOMMENDED WITH



Seal-In® X TF liner



Pro-Flex® Pivot*



Pro-Flex® LP



Pro-Flex® XC



Pro-Flex® XC Torsion

*Note. Pro-Flex Pivot can not be used for high impact activities.



RHEO KNEE®

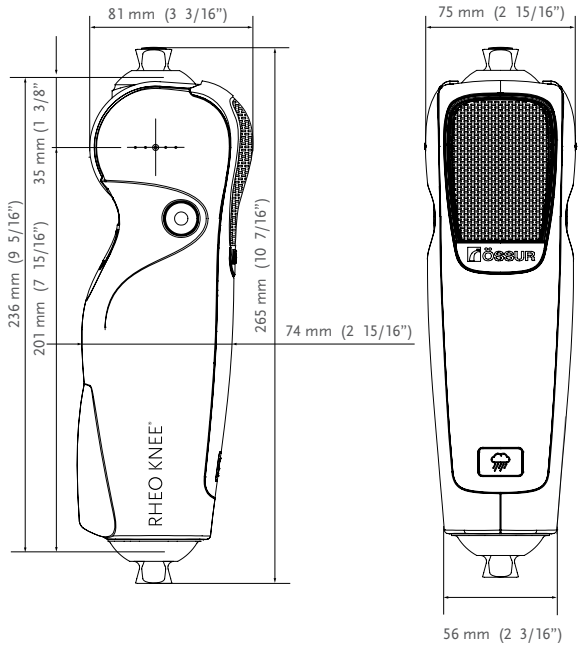


User Information	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Low to Moderate
Maximum Patient Weight:	136kg (300lbs)

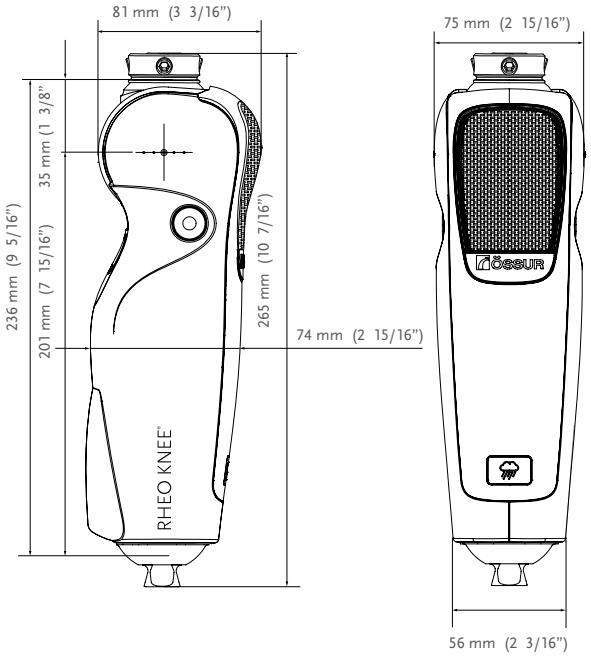
Knee Information	
Net weight:	Approx. 1.6 kg (3.5 lbs)
Build Height:	236mm (9 1/4")
Knee Flexion:	120°
Aluminum Frame Construction	
Weatherproof	

CLEARANCE

RHEO KNEE



RHEO KNEE WITH THREADED TOP ADAPTER (A - 145310)



RHEO KNEE®

KITS

RHEO KNEE KIT

Part#	Description
RKN130005	5 Years Warranty (Incl. Service Check at 40 Months)



Includes:
- RHEO KNEE
- RHEO KNEE Power Supply w/Plug
- Terms of warranty
- Instructions for use

RHEO KNEE KIT WITH THREADED TOP ADAPTER:

RHEO KNEE with threaded top adapter is the solution for knee disarticulation amputees and those with long residual limbs.

To order RHEO KNEE with threaded top adapter, order the RHEO KNEE Kit and add Össur's Pyramid Receiver Insert to the order.

Part#	Description	Height		Weight	
A-145310	Pyramid Receiver Insert / Threaded Top Adapter	9mm	3/8"	33g	1.16oz



RHEO KNEE ACCESSORIES

Part#	Description
N/A	ÖSSUR LOGIC for iOS devices is available on the App Store

RHEO KNEE PROTECTOR

Part#	Description
BIC00110	Bionic Protector for RHEO KNEE



RHEO KNEE®

COMPONENTS

POWER SUPPLY

Part#	Description
CME50110	Power Supply w/Plug



UNITY

UNITY KITS

Part#	Description	Applicable Foot Kits
UTf0001	Unity TF Valve Kit	All



DUAL CHARGER KIT

The Dual Charger Kit is an optional kit that allows for simultaneous charging of any two combinations of Rheo Knee, Rheo Knee XC and Proprio Foot.

POWER SUPPLY

Part#	Description
CME10110	Power Supply and Cable Attachment



MAUCH® KNEE

UNITY® COMPATIBLE



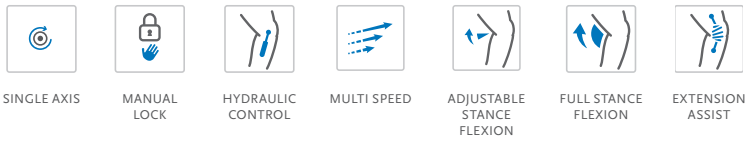
Mauch Knee was designed to withstand unpredictable conditions. Featuring a sophisticated profile, extension stop, lightweight aluminum construction, Mauch Knee is suited for highly active users.

- Single axis hydraulic knee system with swing and stance control (SNS®). Designed for multi-speed ambulation.
- Durable and secure motion.
- Ultra-durable Aluminum frame.
- Roller bearings at knee axis and cylinder attachment points for smooth action.
- Yielding stance control.
- Mode selector switch allows manual locking and free swing functions.
- Smooth profile assists with cosmetic finishing.

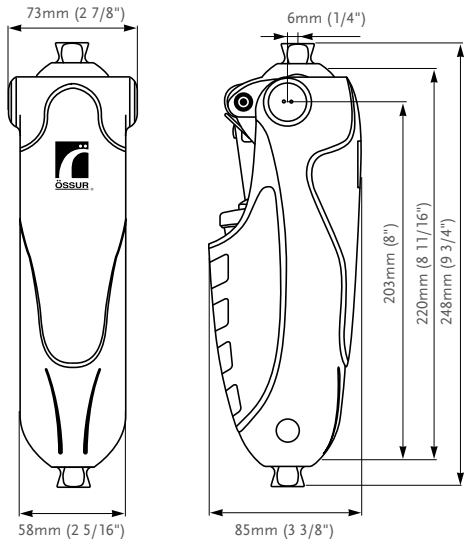


Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	136kg (300lbs)

Product Information:	
Build Height:	248mm (9 3/4")
Weight of Knee (with Cylinder):	1.14kg (2.5lbs)
Flexion:	Stop at 115°



CLEARANCE



KITS

Part#	Description
MKN01360	Mauch Knee Kit SNS

SPARE PARTS

Part#	Description
MKA01361	Knee Ball, Screw, Btn Head
MKA01362	Cover, Front
MKA01363	Cover, Rear, Sub Assembly
MKA01364	Plug, Side

TOTAL KNEE® 1900

UNITY® COMPATIBLE



Total Knee 1900 accomplishes everyday walking activity for all users. An elastic polymer creates friction to control the swing phase and keep it steady. An extension promoter is used to limit heel rise and move the knee into a full extended position.

- Polycentric knee with geometric locking system.
- Unique swing phase control through use of friction within an elastic polymer medium.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



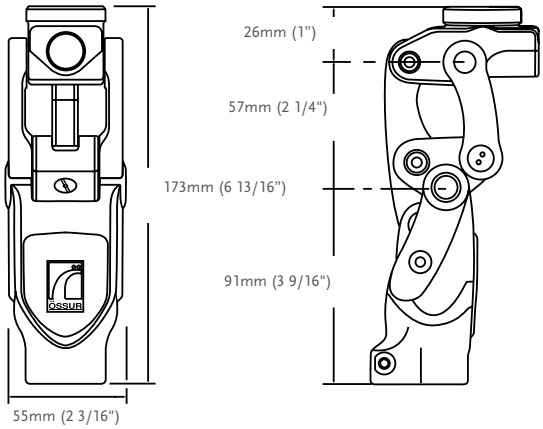
Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Low
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	174mm (6 17/16")
Weight of Knee:	0.69 kg (1.52lbs)
Flexion:	Stop at 150°



MULTI AXIS | INCREASED GROUND CLEARANCE | GEOMETRIC LOCK | MECHANICAL CONTROL | SINGLE SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION

CLEARANCE



KITS

Part#	Description
1900	Total Knee 1900*
1900-KE	Total Knee 1900 w/4-prong socket adapter
1900-OS	Total Knee 1900 w/pyramid adapter

* The knee comes with the red bumper fitted.

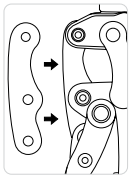
TOTAL KNEE® 1900

KITS

BACK LINK (POSTERIOR LINKAGE)

Part#	Description
1900ssb	Total Knee 1900 with high load back link

Note: There is an additional charge for these special back links.



COSMETIC FINISHING

Picture	Part#	Description
1	2047	Shin Fairing, Black
2	2052	Knee Cap, Small, Black
2	2052N	Knee Cap, Small, Black, New*
3	2053	Knee Cap, Large, Beige
3	2053N	Knee Cap, Large, Beige, New*

*2052N and 2053N fit knees with serial number MXB045502 and higher.



COMPONENTS

BUMPER KIT

Part#	Description
2000-Kit	A complete set of bumpers and shims

Includes:
- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm



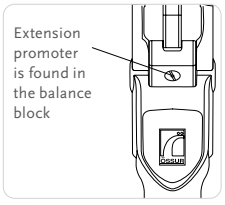
BUMPER COVER

Part#	Description
2059	Bumper cover for Total Knee 1900 and 2000



EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position



EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted

Includes:
- Blue spring (firm)
- Red spring (extra firm)



TOTAL KNEE® 1900

COMPONENTS

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1.	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	4oz
2.	A-124300	Euro 4-Hole Adapter	Stainless Steel	166kg	365lbs	97g	3.4oz
3.	A-834300	Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3.	A-835300	Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4.	A-845300	Pyramid Receiver Adapter	Titanium	166kg	365lbs	85g	3oz


1.


2.


3.

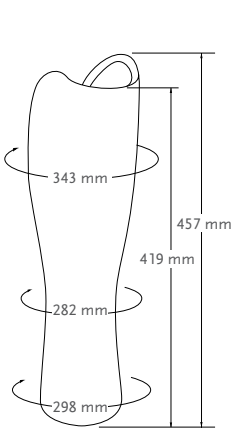

4.

COSMETIC FINISHING FOR TOTAL KNEE

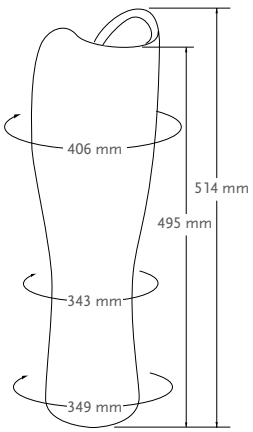
DISCONTINUOUS COSMETIC FOAM

Part#	Description
2075R	Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000
2075L	Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube



Part# 2075R Regular



Part# 2075L Large

TOTAL KNEE® 2000

UNITY® COMPATIBLE



Total Knee 2000 offers shock absorption, comfort and a natural gait. Mid-swing shortening offers increased toe clearance during swing and the 3-phase hydraulic swing control accommodates changes in walking speed. Plus, the adjustable stance flexion feature mimics the knee flexion that occurs during early stance.

- Polycentric knee with geometric locking system.
- Swing control adjustments through 3-phase (3-valve) hydraulic system.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Moderate to High
Maximum Patient Weight:	100kg (220lbs)

Product Information:	
Build Height:	174mm (6 17/20")
Weight of Knee:	0.71kg (1.57lbs)
Flexion:	Stop at 150°


MULTI AXIS


INCREASED GROUND CLEARANCE


GEOMETRIC LOCK


HYDRAULIC CONTROL

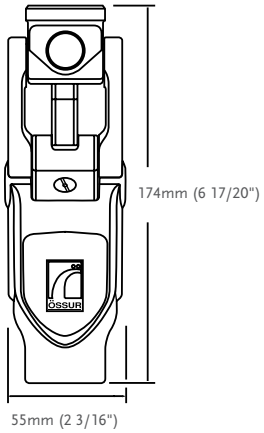

MULTI SPEED

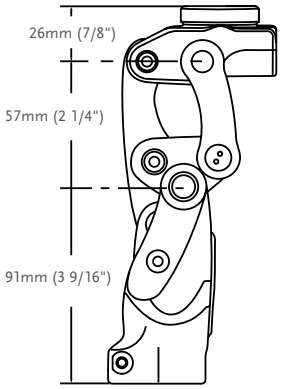

EXTENSION ASSIST


ADJUSTABLE STANCE FLEXION


SOCKET CONNECTOR ADAPTATION

CLEARANCE





KITS

Part#	Description
2000	Total Knee 2000*
2000-KE	Total Knee 2000 w/4-prong socket adapter
2000-OS	Total Knee 2000 w/pyramid adapter

*The knee comes with the red bumper fitted.

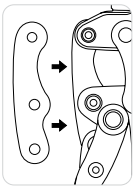
TOTAL KNEE® 2000

KITS

BACK LINK (POSTERIOR LINKAGE)

Part#	Description
2000ssb	Total Knee 2000 with high load back link

Note: There is an additional charge for these special back links.



COSMETIC FINISHING

Picture	Part#	Description
1	2047	Shin Fairing, Black
2	2052	Knee Cap, Small, Black
2	2052N	Knee Cap, Small Black, New*
3	2053	Knee Cap, Large, Beige
3	2053N	Knee Cap, Large, Beige, New*



COMPONENTS

BUMPER KIT

Part#	Description
2000-Kit	A complete set of bumpers and shims



Includes:
- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm

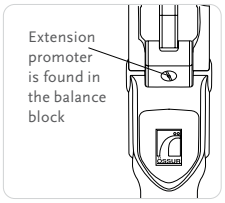
BUMPER COVER

Part#	Description
2059	Bumper cover for Total Knee 1900 and 2000



EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position



EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted



Includes:
- Blue spring (firm)
- Red spring (extra firm)

TOTAL KNEE® 2000

COMPONENTS

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1.	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	4oz
2.	A-124300	Euro 4-Hole Adapter	Stainless Steel	166kg	365lbs	97g	3.4oz
3.	A-834300	Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3.	A-835300	Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4.	A-845300	Pyramid Receiver Adapter	Titanium	166kg	365lbs	85g	3oz


1.


2.


3.

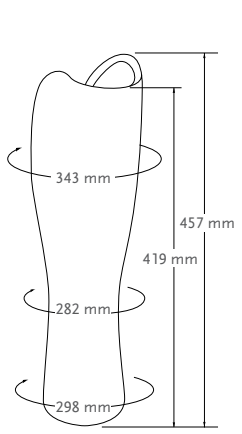

4.

COSMETIC FINISHING FOR TOTAL KNEE

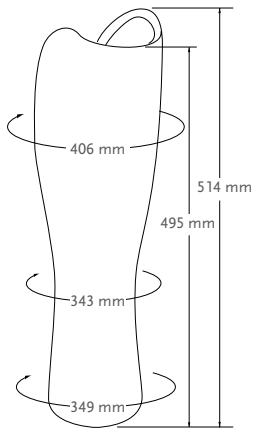
DISCONTINUOUS COSMETIC FOAM

Part#	Description
2075R	Cosmetic Foam Cover, Regular - for use with Total Knee 1900 and 2000
2075L	Cosmetic Foam Cover, Large - for use with Total Knee 1900 and 2000

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube



Part# 2075R Regular



Part# 2075L Large

TOTAL KNEE® 2100

UNITY® COMPATIBLE



The Total Knee 2100 is a highly refined polycentric knee with 3-phase hydraulic swing control designed to withstand the rigors of more active amputees. 25% increased fluid capacity over Model 2000, the Total Knee 2100 offers stability, control, efficiency and durability.

- Polycentric knee designed for multi-speed ambulation, higher impact levels and heavier loads.
- Geometric locking system.
- 30mm (13/16") pylon adaptability.
- Adjustable stance flexion.
- Adjustable extension promoter.
- Low build height, useful for long transfemoral limbs or knee disarticulation.



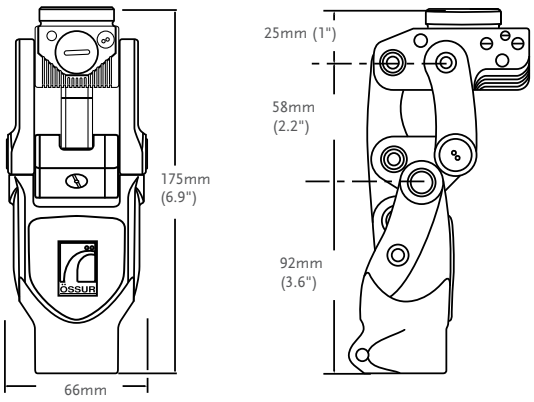
Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Build Height:	175mm (6.9")
Weight of Knee:	0.9kg (1.98lbs)
Flexion:	Stop at 150°



MULTI AXIS | INCREASED GROUND CLEARANCE | GEOMETRIC LOCK | HYDRAULIC CONTROL | MULTI SPEED | EXTENSION ASSIST | ADJUSTABLE STANCE FLEXION | SOCKET CONNECTOR ADAPTATION

CLEARANCE



KITS

Part#	Description
2100	Total Knee 2100*
2100-KE	Total Knee 2100 w/4-prong socket adapter
2100-OS	Total Knee 2100 w/Pyramid adapter

*The knee comes with the yellow bumper fitted.

TOTAL KNEE® 2100

COSMETIC FINISHING

Picture	Part#	Description
1	2145	Shin Fairing, Black
2	2150	Knee Cap, Small, Black
3	2151	Knee Cap, Large, Beige







COMPONENTS

BUMPER KIT

Part#	Description
2100-Kit	A complete set of bumpers and shims



Includes:
- 1 Bumper of each durometer:
- 1 Shim 0.38mm
- 1 Shim 0.76mm

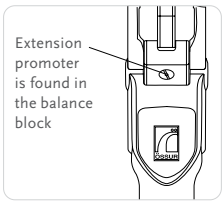
BUMPER COVER

Part#	Description
2100-717	Bumper cover for Total Knee 2100



EXTENSION PROMOTER

Part#	Description
1905	Assists in limiting heel rise and moving the knee into a fully extended position



EXTENSION ASSIST

Part#	Description
2070S	Fully assembled extension assist with yellow (regular) spring inserted



Includes:
- Blue spring (firm)
- Red spring (extra firm)

TOTAL KNEE® 2100

COMPONENTS

GREASE GUN

Part#	Description
2105	Grease for Total Knee 2100

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1.	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	4oz
2.	A-124300	Euro 4-Hole Adapter	Stainless Steel	166kg	365lbs	97g	3.4oz
3.	A-834300	Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3.	A-835300	Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4.	A-845300	Pyramid Receiver Adapter	Titanium	166kg	365lbs	85g	3oz


1.


2.


3.

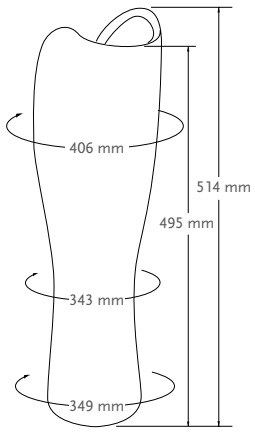

4.

COSMETIC FINISHING FOR TOTAL KNEE®

DISCONTINUOUS COSMETIC FOAM

Part#	Description
2175L	Cosmetic Foam Cover, High activity, Large - for use with Total Knee 2100

- Beige toned
- Designed to fit over Total Knee® Range
- Designed to fit left or right
- Internally shaped to accommodate knee cap, shin ferrule and 30mm tube



LOCKING KNEE

Locking Knee from Össur is a simple, reliable and lightweight knee joint for the low active amputee.
Locking Knee is intended to be used during rehabilitation and as a permanent solution with the low active amputee.

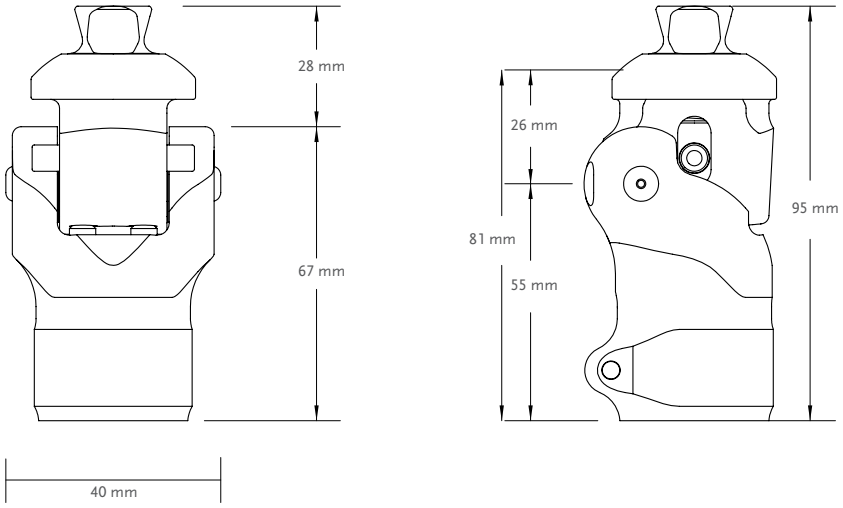


Patient Profile:	
Amputation Level:	Transfemoral
Impact Level:	Low
Maximum Patient Weight:	125kg (275lbs)

Product Information:	
Knee Axis Height:	26mm (1 1/32")
Weight of Knee:	0.248kg (0.55lbs)
Flexion:	Stop at 140°

SINGLE AXIS | MANUAL LOCK | MECHANICAL CONTROL | SINGLE SPEED

CLEARANCE



KITS

Part#	Description
LKN12500	Locking Knee

Includes:
- Lanyard Kit

Part#	Description
LKN12590	Lanyard Release Kit

ÖSSUR FEET

CHARACTERISTICS

FULL LENGTH TOE LEVER
The full-length keel/toe lever matches the length of the sound foot, giving a smoother, symmetrical gait.


FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION
Vertical forces generated at heel contact are initially absorbed and translated into forward motion described as Active Tibial progression.


ACTIVE TIBIAL PROGRESSION

VERTICAL SHOCK PYLON
The vertical shock pylon reduces trauma to the residual limb, joints and lower back during daily activities.
Benefits: Protection of joints, the spine and residual limb by reduction of the shock loading.


VERTICAL SHOCK PYLON

ROTATION
The ability of the foot to absorb rotational forces allows the user to walk with a more natural gait without increasing the shear forces on the residual limb.


ROTATION

HEEL HEIGHT ADJUSTABILITY
Heel height can be adjusted to various types of shoes.


HEEL HEIGHT ADJUSTABILITY

MULTI-AXIAL GROUND COMPLIANCE
Multi-axial compliance of the foot provides improved ground contact during ambulation on uneven surfaces.


MULTI-AXIAL GROUND COMPLIANCE

ANKLE POWER
Ankle power is generated by the foot deformation and the blades energy storage-and-return capabilities when the foot transitions from mid to late stance until terminal stance to toe-off.


ANKLE POWER

PIVOT TECHNOLOGY
The pivot technology mimics the human ankle joint through connection of the blades around the physiological center of rotation.


PIVOT TECHNOLOGY

ANATOMICAL FOOT
The full effective foot length, in combination with the big toe and sandal toe matches the length and shape of the sound foot. The lightweight anatomical foot cover features a steadygrip sole for barefoot stability on wet or slick surfaces, and a sandalclamping toe for a range of footwear including flip flops.


ANATOMICAL FOOT

SPLIT TOE
A split toe feature allows the foot to adjust to the surface.


SPLIT TOE

PROPORTIONAL RESPONSE
The layering of carbon fiber optimises the deflection of the forefoot from mid-stance to toe-off and is proportional to the user's weight and impact level.


PROPORTIONAL RESPONSE

ÖSSUR FEET

CHARACTERISTICS

USER REMOVABLE FOOT COVER

An easy-to-use snap-on foot cover gives users the ability to quickly remove the cover for cleaning. The foot cover features internal grooves that allow water to drain through an opening at the back. Additionally, the sole has a textured and grooved surface to provide extra grip on wet surfaces.



USER REMOVABLE FOOT COVER

PRE-LOAD TECHNOLOGY

The foot's top blade is compressed during assembly, giving the foot a pre-load equal to more than 30% of the user's weight. The pre-compression, in combination with the moving contact point of the top blade, enables an exceptional range of great performance.



PRE-LOAD TECHNOLOGY

SANDAL TOE

Narrow, anatomically correct foot cover for use with a sandal toe shoe.
Benefits: More anatomical look for increased visual appeal and more functional compatibility with sandal shoes.



SANDAL TOE

WEATHERPROOF

A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.



WEATHERPROOF

WATERPROOF

Whether it's fresh water, salt water or chlorinated water, Waterproof Össur products will give you the maximum protection you need. The use of first-rate materials provides permanent protection against harmful ingress of water, even after submersion, whilst continuing to provide the functionality you expect. Further limitations apply to Proprio Foot.



WATERPROOF

HYDRAULIC DORSIFLEXION

The hydraulic dorsiflexion and plantarflexion provides the user with toe clearance in swing phase.



HYDRAULIC FLEXION

UNITY® VACUUM SUSPENSION SYSTEM

INTRODUCTION

Building on renowned Iceross Seal-In technology, Össur designers and engineers have developed a form of advanced vacuum suspension that is also compatible with Flex-Foot technology.

The design challenge was to apply elevated vacuum with a Seal-In liner, using a simple pump mechanism which had minimal impact on the function of the foot. By applying vacuum where it is needed – around the distal part of the limb – Unity helps to stabilise volume while creating highly effective and sleeveless vacuum suspension.

Without a sleeve, range-of-motion is not restricted and vacuum can be released quickly and easily at the touch of a button. The design also minimises the risk of proximal vacuum leakage and the puncture issues associated with more traditional 'above-knee' vacuum methods.

KEY ADVANTAGES

Unity offers the security and freedom of vacuum suspension, but without the sensation and restrictions of a sleeve. This advanced system from Össur effectively addresses volume fluctuation and is totally compatible with Flex-Foot technology.

- No sleeve required: Greater mobility and user acceptance
- Distal vacuum: Effective volume stabilisation
- Simple design: Quick and easy to achieve/release vacuum
- Independent pump: Shock function uncompromised

MAIN APPLICATIONS

Unity is available for a host of feet, which together suit a wide spectrum of users. Transfemoral users can enjoy Unity as well as transtibial, since tube finishing options for Össur knees are available. Iceross Seal-In® X TF was designed to allow for optional seal placement and hold up to the strong vacuum created by Unity.

BALANCE™ FOOT S

UNITY® COMPATIBLE



Balance Foot S is a lightweight, waterproof foot specifically designed to meet the needs of low active walkers. For these users, the cushioning heel foam with gradual stiffening and wide sole blade provides enhanced stability perception and the perception of a smooth rollover.

The anatomical foot cover features a steady-grip sole and a sandal clamping toe, for the opportunity to wear different types of footwear.

Össur recommends using Balance Foot S in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Balance Foot S dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Trans-femoral and Trans-tibial
Impact Level:	Low
Maximum Patient Weight:	147kg (324 lbs)

Unity System Information	
Maximum Vacuum:	24inHg (609mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	130g (0.29lbs) w/ Pump, Socket Valve and Tube



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SPLIT TOE



SANDAL TOE



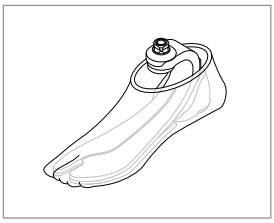
WATERPROOF

*weatherproof when paired with Unity

Foot information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27, cat5)	622 g (1,37 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	126mm (5") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

ORDERING INFORMATION

FOR COMPLETE FOOT

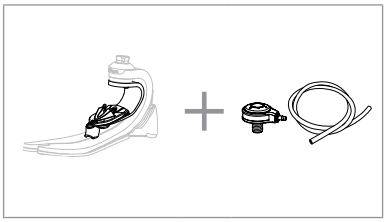


BALANCE™ FOOT S

ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot.
For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.
For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

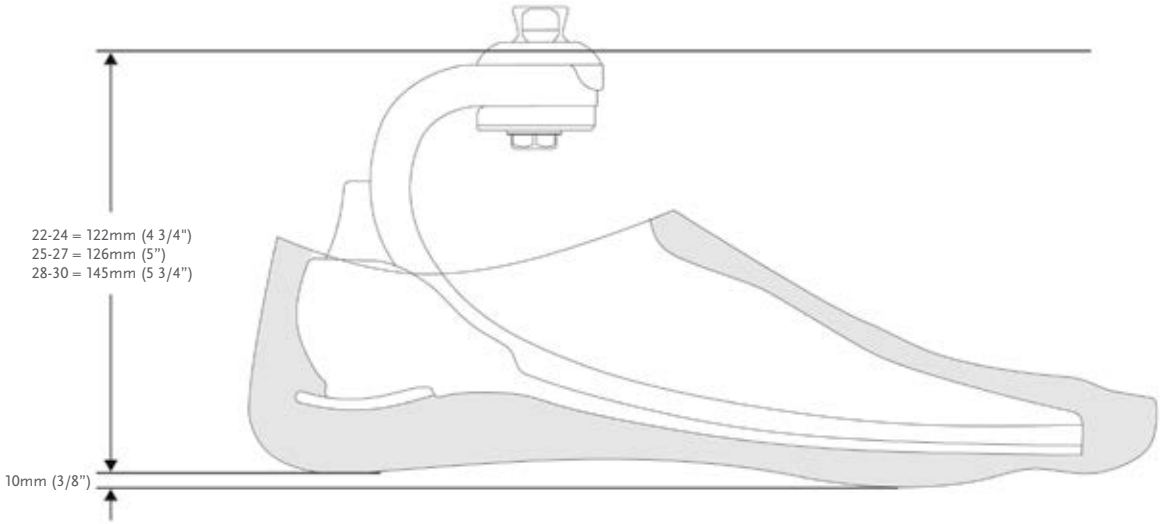
FOR COMPLETE FOOT WITH UNITY



CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	222-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8

CLEARANCE



BALANCE™ FOOT S

KITS

BALANCE FOOT S WITH PYRAMID

PART#
- CATEGORY (1-8)
- FOOT SIZE (22-30)

BSP0
- L/R (LEFT/RIGHT)



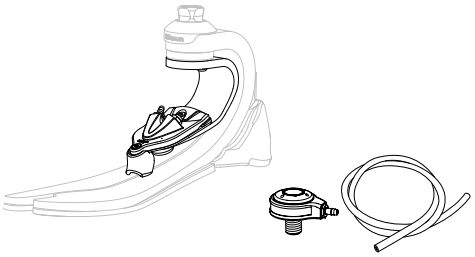
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*When ordering brown covers, add "BR" to the end of the part number.

BALANCE FOOT S WITH PYRAMID AND UNITY PUMP

PART#
- CATEGORY (1-8)
- FOOT SIZE (22-30)

BSPU
- L/R (LEFT/RIGHT)

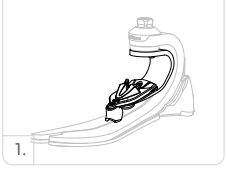


Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

*Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

UNITY

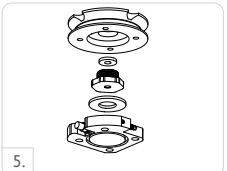
Picture	Part#	Description	Applicable Foot Kits
1	UBS0024	Unity Pump S22-24	Balance Foot S & Balance Foot S Torsion Size 22-24
1	UBS0027	Unity Pump S25-27	Balance Foot S & Balance Foot S Torsion Size 25-27
1	UBS0030	Unity Pump S28-30	Balance Foot S & Balance Foot S Torsion Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Unity Kit	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

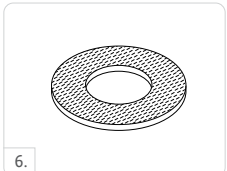

1.


2.


3.


4.


5.


6.

BALANCE™ FOOT S

UNITY SPARE COMPONENTS

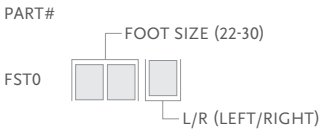
Part#	Description
UBS00021	Unity BS Components 22-30

Includes:

- Outlet Port
- Inlet Port
- Duckbill Valves
- Tube
- Tube Clamp
- Loctite

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a “BR” suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



BALANCE™ FOOT S TORSION

UNITY® COMPATIBLE



Balance Foot S Torsion is a lightweight, waterproof foot specifically designed to meet the needs of low active walkers. For these users, the cushioning heel foam with gradual stiffening and wide sole blade provides enhanced stability perception and the perception of a smooth rollover. The torsion shock unit offers valuable shock absorption and helps to restore lost rotational capabilities.

The anatomical foot cover features a steady-grip sole and a sandal clamping toe, for the opportunity to wear different types of footwear.

Össur recommends using Balance Foot S Torsion in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Balance Foot S dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Trans-femoral and Trans-tibial
Impact Level:	Low
Maximum Patient Weight:	147kg (324 lbs)

Unity System Information	
Maximum Vacuum:	24inHg (609mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	130g (0.29lbs) w/ Pump, Socket Valve and Tube



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SPLIT TOE



VERTICAL SHOCK PYLON



SANDAL TOE



WATERPROOF



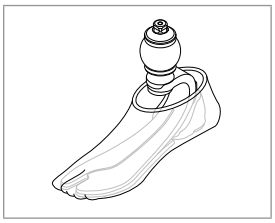
ROTATION

*weatherproof when paired with Unity

Foot information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27, cat5)	996 g (2,19 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	204 mm (8") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

ORDERING INFORMATION

FOR COMPLETE FOOT



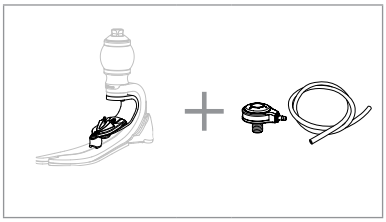
BALANCE™ FOOT S TORSION

ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot.

For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket. For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

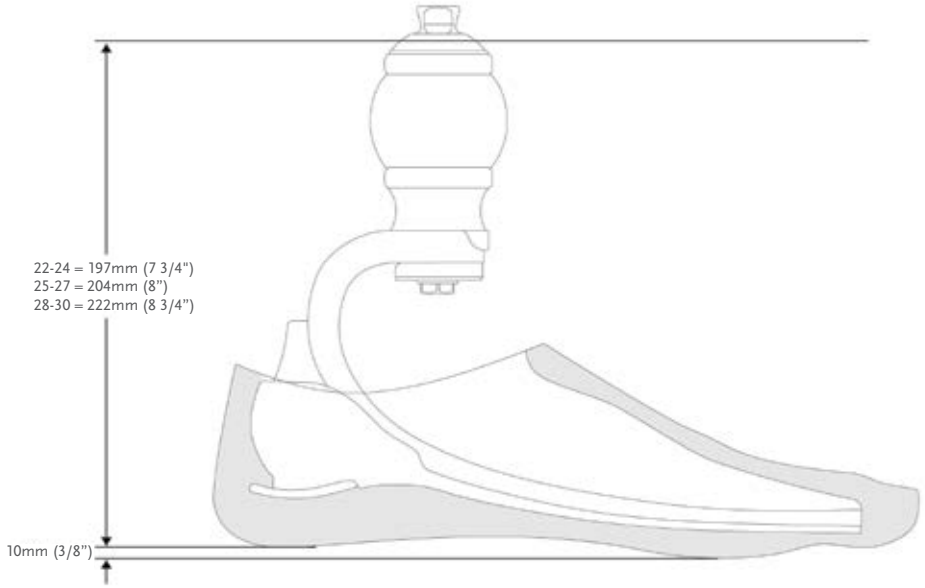
FOR COMPLETE FOOT WITH UNITY



CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	222-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8

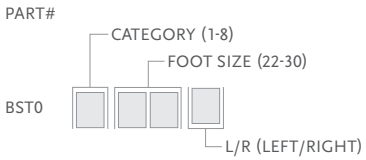
CLEARANCE

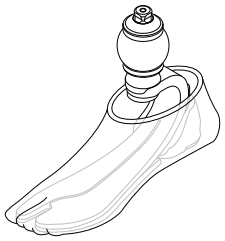


BALANCE™ FOOT S TORSION

KITS

BALANCE FOOT S TORSION WITH PYRAMID

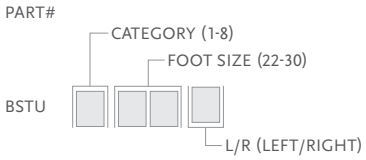


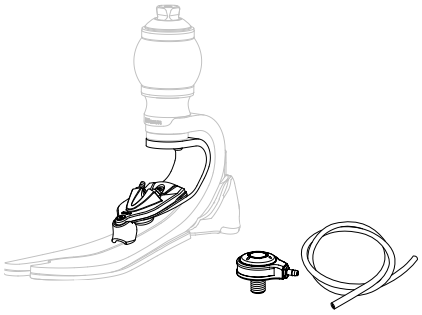


Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*When ordering brown covers, add "BR" to the end of the part number.

BALANCE FOOT S TORSION WITH PYRAMID AND UNITY PUMP



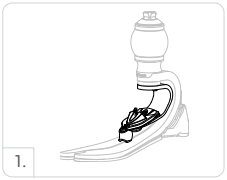


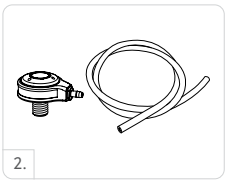
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

*Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

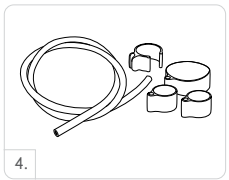
UNITY

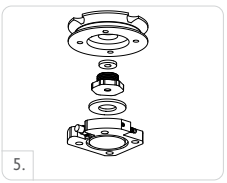
Picture	Part#	Description	Applicable Foot Kits
1	UBS0024	Unity Pump S22-24	Balance Foot S & Balance Foot S Torsion Size 22-24
1	UBS0027	Unity Pump S25-27	Balance Foot S & Balance Foot S Torsion Size 25-27
1	UBS0030	Unity Pump S28-30	Balance Foot S & Balance Foot S Torsion Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Unity Kit	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

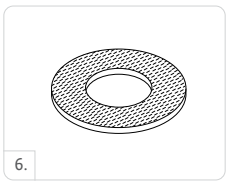












BALANCE™ FOOT S TORSION

UNITY SPARE COMPONENTS

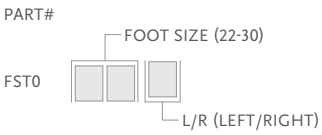
Part#	Description
UBS00021	Unity BFS Components 22-30

Includes:

- Outlet Port
- Inlet Port
- Duckbill Valves
- Tube
- Tube Clamp
- Loctite

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a “BR” suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

FLEX-FOOT BALANCE® WITH D/P FLEXION™

UNITY® COMPATIBLE



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort.

Flex-Foot Balance is also available with the D/P Flexion™ hydraulic ankle module. Flex-Foot Balance with D/P Flexion offers 8 degrees of dorsi and plantarflexion during stance phase. Swing phase dorsiflexion is designed to reduce the risk of trips and falls- one of the main concerns of low active amputees. Plus, independent stiffness adjustment of dorsi- and plantarflexion enables you to customize performance for each amputee user. Please note that D/P Flexion is intended for low active amputees only.

Össur recommends using Flex-Foot Balance with D/P Flexion in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Flex-Foot Balance with D/P Flexion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)


FULL LENGTH TOE LEVER


MULTI-AXIAL GROUND COMPLIANCE


SANDAL TOE


HYDRAULIC FLEXION

Foot Information	
Categories:	0-5
Sizes:	21-28
Weight of Foot: (Size 27)	932g (33oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	138mm (5 7/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Unity Sizes:	23-28
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20inHg
Added System Weight:	100g w/ Pump, Socket Valve and Tube

ORDERING INFORMATION

FOR COMPLETE FOOT



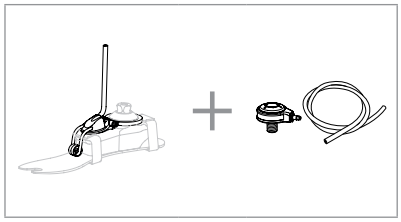
FLEX-FOOT BALANCE® WITH D/P FLEXION™

ORDERING INFORMATION

Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

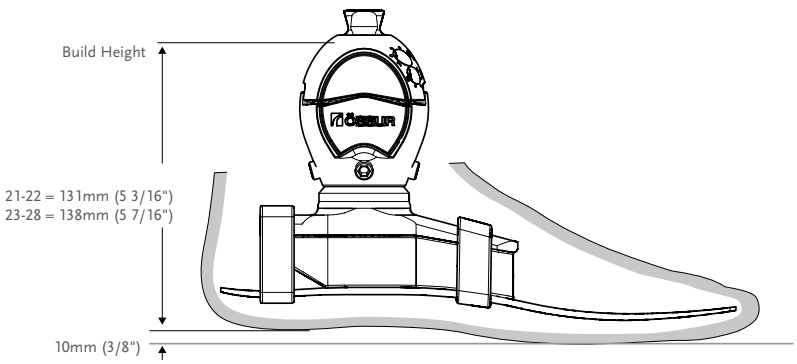


CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-98	99-135	136-176	177-214	215-251	252-300
21	0	1	N/A	N/A	N/A	N/A
22	0	1	N/A	N/A	N/A	N/A
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Balance with or without D/P Flexion

CLEARANCE



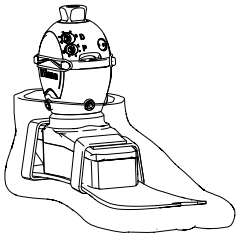
*Note. Flex-Foot Balance with D/P Flexion with Unity has the same build height as Flex-Foot Balance with D/P Flexion.

FLEX-FOOT BALANCE® WITH D/P FLEXION™

KITS

FLEX-FOOT BALANCE WITH D/P FLEXION

PART#
CATEGORY (0-5)
FOOT SIZE (21-28)
FBD0
L/R (LEFT/RIGHT)



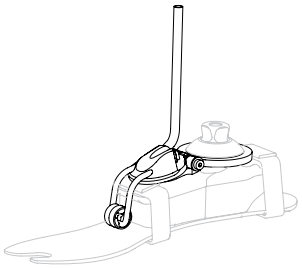
Includes:
- Foot Module with D/P Flexion
- Removable Foot Cover* with a Spectra Sock

*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#

FOOT KITS WITH UNITY

UNITY FOR FLEX-FOOT BALANCE WITH D/P FLEXION AND UNITY PUMP

PART#
CATEGORY (0-5)
FOOT SIZE (23-28)
FBDU
L/R (LEFT/RIGHT)



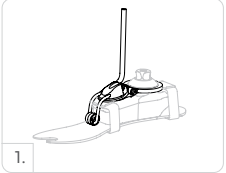
Includes:
- Foot Module with D/P Flexion
- Removable Foot Cover* with a Spectra Sock
- Unity Pump

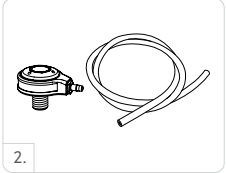
*For Flex-Foot Balance with D/P flexion with brown foot cover add a "BR" suffix to the part#
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

UNITY

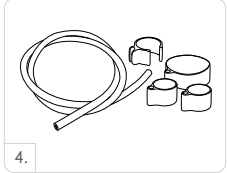
UNITY KITS

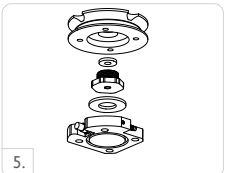
Picture	Part#	Description	Applicable Foot Kits
1	UKB0026	Unity Pump Module K2P-FBP 23-26	Flex-Foot Balance Size 23-26
1	UKB0028	Unity Pump Module K2P-FBP 27-28	Flex-Foot Balance Size 27-28
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

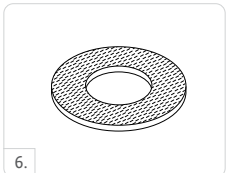

1.


2.


3.


4.


5.


6.

FLEX-FOOT BALANCE® WITH D/P FLEXION™

UNITY SPARE COMPONENTS

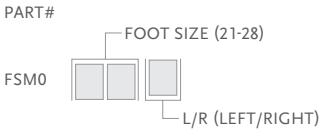
Part#	Description
UKB00021	Unity Components, 23-28

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





*For Flex-Foot Balance with brown foot cover add a “BR” suffix to the part#

Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



FLEX-FOOT® BALANCE

UNITY® COMPATIBLE



The Flex-Foot Balance is a comfortable multi-axial foot that combines proven durability and stability with comfort; leading to optimum patient compliance.

Its full length toe lever and multi-axial design offer a smooth transition from heel strike to toe off that is absent in many competitively priced feet.

Össur recommends using Flex-Foot Balance in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Flex-Foot Balance dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)



FULL LENGTH TOE LEVER



MULTI-AXIAL GROUND COMPLIANCE



SANDAL TOE

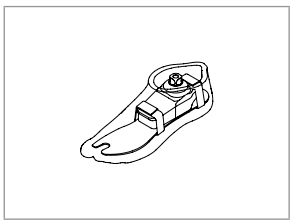
Foot Information	
Categories:	0-5
Sizes:	21-28
Weight of Foot: (Size 27)	594g (21oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	62mm (2 7/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Unity Sizes:	23-28
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20inHg
Added System Weight:	100g w/ Pump, Socket Valve and Tube

FLEX-FOOT® BALANCE

ORDERING INFORMATION

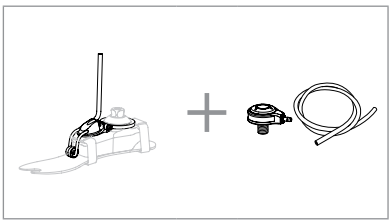
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY



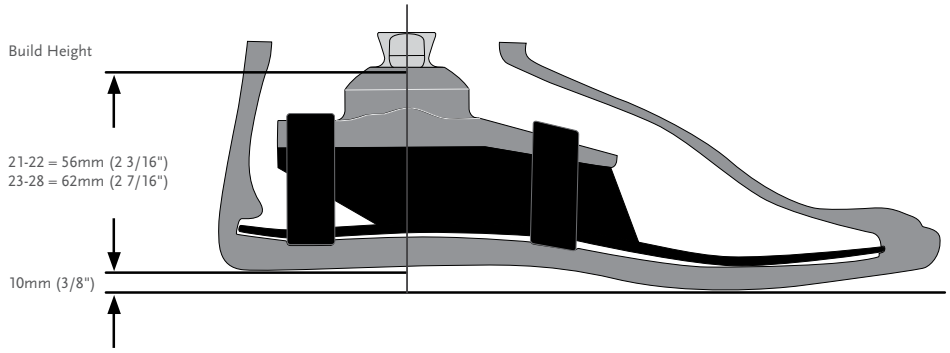
CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-97	98-134	135-176	177-214	215-251	252-300
21	0	1	N/A	N/A	N/A	N/A
22	0	1	N/A	N/A	N/A	N/A
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Balance

FLEX-FOOT® BALANCE

CLEARANCE

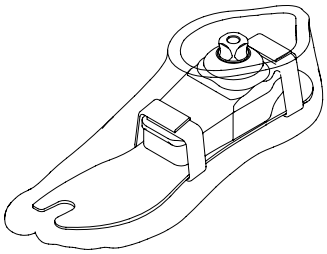


Note. Flex-Foot Balance with Unity has the same build height as Flex-Foot Balance.

KITS

FLEX-FOOT BALANCE PYRAMID

PART#
FBP0 [CATEGORY (0-5)] [FOOT SIZE (21-28)] [L/R (LEFT/RIGHT)]



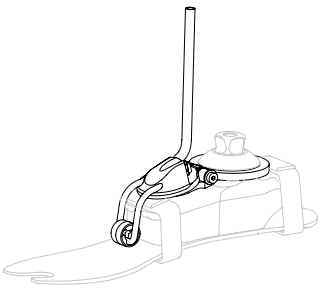
Includes:
- Foot Module with a Pyramid Adapter
- Removable Foot Cover* with a Spectra Sock

*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

FOOT KITS WITH UNITY

FLEX-FOOT BALANCE PYRAMID AND UNITY PUMP

PART#
FBPU [CATEGORY (0-5)] [FOOT SIZE (23-28)] [L/R (LEFT/RIGHT)]



Includes:
- Foot Module with a Pyramid Adapter
- Removable Foot Cover* with a Spectra Sock
- Unity Pump

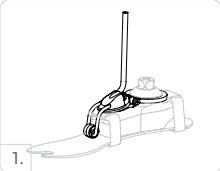
*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

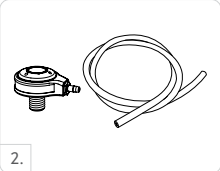
FLEX-FOOT® BALANCE

UNITY

UNITY KITS

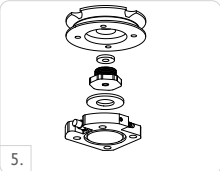
Picture	Part#	Description	Applicable Foot Kits
1	UKB0026	Unity Pump Module K2P-FBP 23-26	Flex-Foot Balance Size 23-26
1	UKB0028	Unity Pump Module K2P-FBP 27-28	Flex-Foot Balance Size 27-28
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

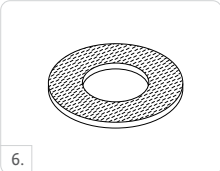

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UKB00021	Unity Components, 23-28

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener

UNITY CATEGORY SELECTION CHART

Weight kg	36-44	45-61	62-80	81-97	98-114	115-136
Weight lbs	79-97	98-134	135-176	177-214	215-251	252-300
23	0	1	2	N/A	N/A	N/A
24	0	1	2	N/A	N/A	N/A
25	N/A	1	2	3	4	5
26	N/A	1	2	3	4	5
27	N/A	N/A	2	3	4	5
28	N/A	N/A	2	3	4	5

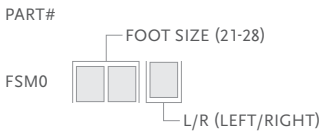
NOTE: The above categories apply only to Flex-Foot Balance

FLEX-FOOT® BALANCE

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





*For Flex-Foot Balance with brown foot cover add a "BR" suffix to the part#

Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

BALANCE™ FOOT J

UNITY® COMPATIBLE

Balance Foot J is designed to meet the needs of slower speed walkers. It is lightweight with a heel that users perceive stability and cushioning at heel strike. Together with the full-length keel users perceive the Balance J to provide stability and support.

Össur recommends using Balance Foot J in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Balance Foot J dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

WEATHERPROOF

PROPORTIONAL RESPONSE

Foot Information	
Categories:	1-5
Sizes:	22-30
Weight of Foot: (Size 27, Cat. 2)	502g (17.7oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	125mm (4 15/16") w/ Pyramid and Foot Cover
Adapter Options:	Pyramid

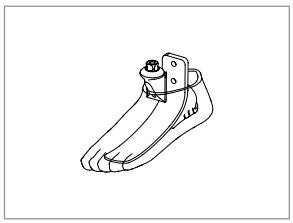
Unity System Information	
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-15inHg to -18inHg
Added System Weight:	104g w/ Pump, Socket Valve and Tube



BALANCE™ FOOT J

ORDERING INFORMATION

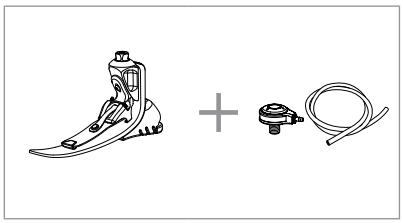
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

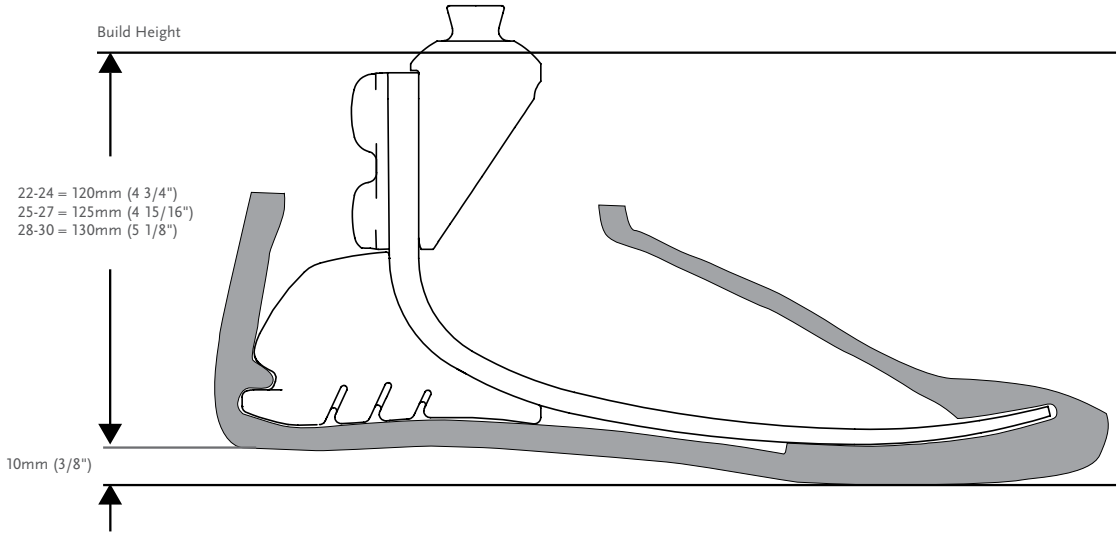


CATEGORY SELECTION CHART

Weight kg	45-61	62-80	81-97	98-114	115-136
Weight lbs	99-135	136-176	177-214	215-251	252-300
22	1	2	N/A	N/A	N/A
23	1	2	3	4	N/A
24	1	2	3	4	N/A
25	1	2	3	4	5
26	1	2	3	4	5
27	1	2	3	4	5
28	N/A	2	3	4	5
29	N/A	N/A	3	4	5
30	N/A	N/A	N/A	4	5

BALANCE™ FOOT J

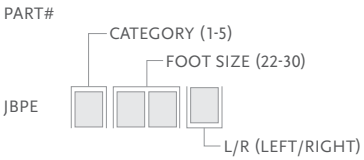
CLEARANCE

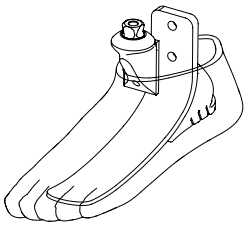


*Note: Balance Foot J with Unity has the same build height as Balance Foot J.

KITS

BALANCE FOOT J WITH PYRAMID





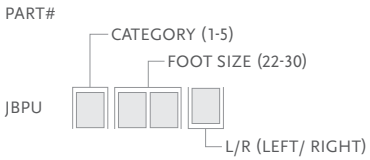
Includes:
- Foot Module with Pyramid
- Foot Cover Kit*

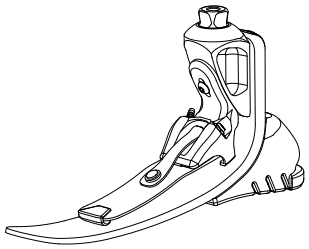
*For Balance Foot J with brown foot cover, add "BR" to the part#.

BALANCE™ FOOT J

FOOT KITS WITH UNITY

BALANCE FOOT J WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module with Pyramid
- Foot Cover Kit*
- Unity Pump

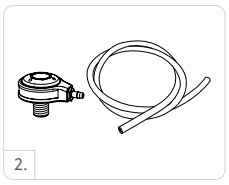
*For Balance Foot J with brown foot cover, add "BR" to the part#.
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

UNITY

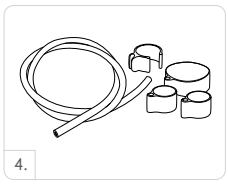
UNITY KITS

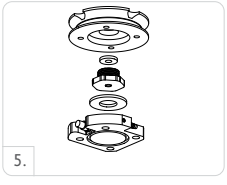
Picture	Part#	Description	Applicable Foot Kits
1	UFA0024	FAP-JBP Unity Pump S22-24	Balance Foot J Size 22-24
1	UFA0027	FAP-JBP Unity Pump S25-27	Balance Foot J Size 25-27
1	UFA0030	FAP-JBP Unity Pump S28-30	Balance Foot J Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

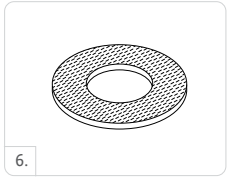

1.


2.


3.


4.

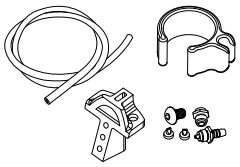

5.


6.

BALANCE™ FOOT J

UNITY SPARE COMPONENTS

Part#	Description
UFA00021	Unity FAP-JBP Components 22-24
UFA00022	Unity FAP-JBP Components 25-27
UFA00023	Unity FAP-JBP Components 28-30

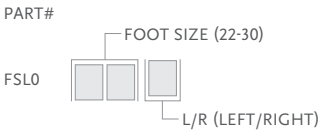


Includes:

- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Tube clamp

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover Kit
- Foot Cover Attachment
- Flex-Foot Sock

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

FLEX-FOOT ASSURE®

UNITY® COMPATIBLE



Flex-Foot Assure is an ideal first prosthesis, or a more permanent option for low active users. Designed specifically for slower walkers, Flex-Foot Assure incorporates an active heel combined with a full-length keel that work together to protect the vulnerable sound limb. The proven design and simple fit of Assure allows basic ambulators to take advantage of premium technology matched to their needs.

Össur recommends using Flex-Foot Assure in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Flex-Foot Assure dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low
Maximum Patient Weight:	136kg (300lbs)



FULL LENGTH TOE LEVER



ACTIVE TIBIAL PROGRESSION



WATERPROOF*



WEATHERPROOF**



PROPORTIONAL RESPONSE

* Flex-Foot Assure with glass tube

** Flex-Foot Assure with pyramid

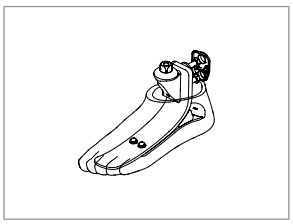
Foot Information	
Categories:	1-5
Sizes:	19-30
Weight of Foot: (Size 27)	544g (19.2oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	125mm (4 15/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid or Fiberglass Tube

Unity System Information	
Foot Sizes:	22-30
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-15inHg to -18inHg
Added System Weight:	104g w/ Pump, Socket Valve and Tube

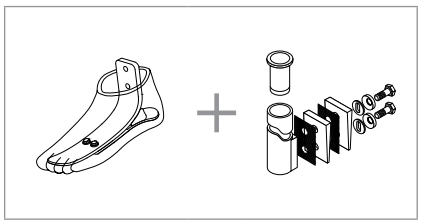
FLEX-FOOT ASSURE®

ORDERING INFORMATION

FOR COMPLETE FOOT



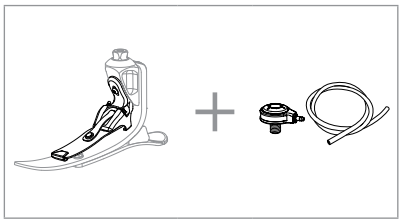
FOR COMPLETE FOOT WITH TUBE



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT



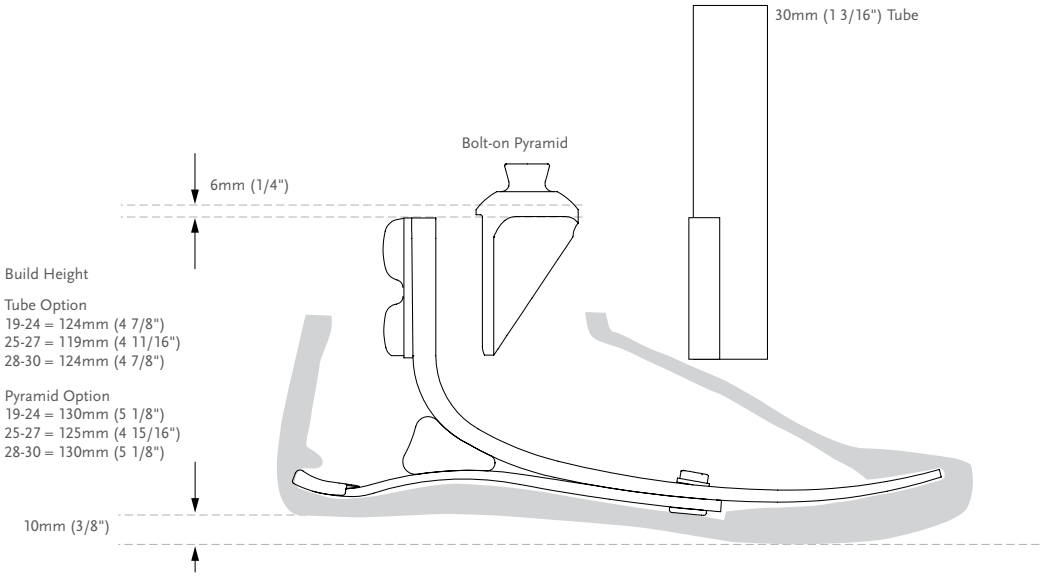
CATEGORY SELECTION CHART

Weight kg	45-61	62-80	81-97	98-114	115-136
Weight lbs	99-135	136-176	177-214	215-251	252-300
19-20**	1	2	N/A	N/A	N/A
21-22**	1	2	N/A	N/A	N/A
23-24	1	2	3	4	N/A
25-26	1	2	3	4	5
27-28	1	2	3	4	5
29-30	N/A	2	3	4	5

NOTE: The above categories apply only to Flex-Foot Assure
*All sizes not available for each category
**Unity for Flex-Foot Assure is available from sizes 22 and in all categories.

FLEX-FOOT ASSURE®

CLEARANCE

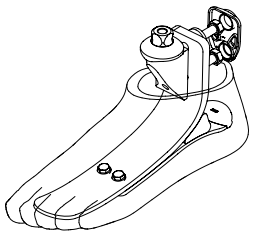


*Note: Flex-Foot Assure with Unity has the same build height as Flex Foot Assure with a Pyramid Option.

KITS

FLEX-FOOT ASSURE KIT WITH PYRAMID

PART#
FAPE — CATEGORY (1-5) — FOOT SIZE (19-30) — L/R (LEFT/RIGHT)

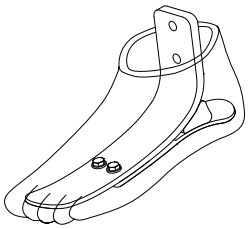


Includes:
- Foot Module with Pyramid
- Foot Cover Kit*

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

FLEX-FOOT ASSURE KIT WITHOUT ADAPTER

PART#
FAXE — CATEGORY (1-5) — FOOT SIZE (19-30) — L/R (LEFT/RIGHT)



Includes:
- Foot Module
- Foot Cover Kit*

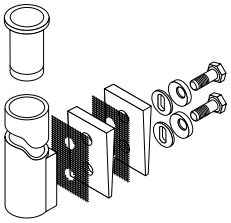
*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.

FLEX-FOOT ASSURE®

COMPONENTS

30MM FIBERGLASS TUBE KIT

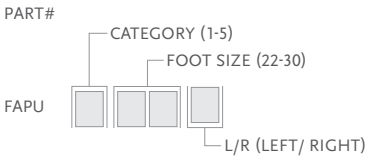
Part#	Cat.	Wall	Thickness		Length		Weight	
SFX00001	Red	1-3	3mm	1/8"	279mm	11"	292g	10.3oz
SFX00002	Red	1-3	3mm	1/8"	381mm	15"	333g	11.7oz
SFX00003	Green	4-5	4mm	3/16"	279mm	11"	331g	11.7oz
SFX00004	Green	4-5	4mm	3/16"	381mm	15"	401g	14oz



Includes:
- Tube Insert (cat. 4-5)
- Bolts (5/16" UNF)
- Spherical Washers
- Friction Pads
- Loctite 410
- Alignment Wedges

FOOT KITS WITH UNITY

FLEX-FOOT ASSURE WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module with Pyramid
- Foot Cover Kit*
- Unity Pump

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

FLEX-FOOT ASSURE®

UNITY

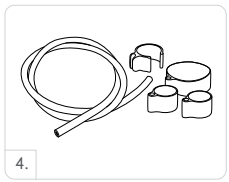
UNITY KITS

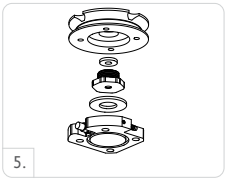
Picture	Part#	Description	Applicable Foot Kits
1	UFA0024	FAP-JBP Unity Pump S22-24	Flex-Foot Assure Size 22-24
1	UFA0027	FAP-JBP Unity Pump S25-27	Flex-Foot Assure Size 25-27
1	UFA0030	FAP-JBP Unity Pump S28-30	Flex-Foot Assure Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

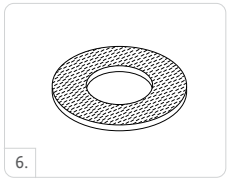

1.


2.


3.

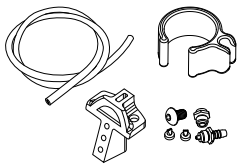

4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UFA00021	Unity FAP-JBP Components 22-24
UFA00022	Unity FAP-JBP Components 25-27
UFA00023	Unity FAP-JBP Components 28-30



Includes:

- Pump Blade
- Membrane
- Barb Fittings
- Check valves
- Mounting Screw
- Tube
- Loctite
- Tube clamp

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#

FSL0 [ ][ ][ ]

FOOT SIZE (19-30)

L/R (LEFT/RIGHT)



Includes:

- Foot Cover Kit
- Foot Cover Attachment**

*For Flex-Foot Assure with brown foot cover, add "BR" to the part#.
** Sizes 19-21 do not include a foot cover attachment

FLEX-FOOT ASSURE®

COSMETIC FINISHING

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	19-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PROPRIO FOOT®

UNITY® COMPATIBLE

Proprio Foot is an adaptive microprocessor-controlled ankle for low to moderately active people with an amputation, designed to improve safety by increasing toe clearance in swing phase and adapting to changing terrain. Proprio Foot is fully waterproof in salt and fresh water (excluding chlorinated water). Proprio Foot redefines what is expected from a microprocessor-controlled ankle, truly delivering the freedom to move naturally with safety and stability. Let your patients experience a new level of mobility.

Össur recommends using Proprio Foot in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height and does not interfere with Proprio Foot dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.

KEY FEATURES

- Increased toe clearance in swing
- Automatic terrain adaptation on level-ground, ramps and stairs
- Dynamic carbon foot blade with roll-over characteristics
- Relax-mode for comfortable sitting and chair-exit-mode for easier sit transfers
- Integrated battery
- Waterproof in salt and fresh water (excluding chlorinated water)
- Accompanying Össur Logic app for iOS devices provides:
  - Simple practitioner setup and adjustments, and printable user activity reports
  - User adjustable ankle alignment for changing footwear
  - Selection of user preferences and monitoring of step count and battery charge level



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)

SANDAL TOE

HEEL HEIGHT ADJUSTABILITY

SPLIT TOE

ANATOMICAL FOOT

WATERPROOF

FULL LENGTH TOE LEVER

PROPORTIONAL RESPONSE

Foot Information	
Categories:	1-8
Size:	22-30
Weight of Foot (Size 27, Cat. 5):	1.5 kg (3.3 lbs) incl. Foot Cover
Heel Height Adjustability:	Up to 50mm (2")
Build Height (Size 27, Cat. 5):	180 mm (7 1/16")

Unity System Information	
Unity Size:	25-30
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15 to -23 inHg
Added System Weight:	Approximately 88g (0,19 lbs) w/ Pump, Socket Valve and Tube

PROPRIO FOOT®

ORDERING INFORMATION

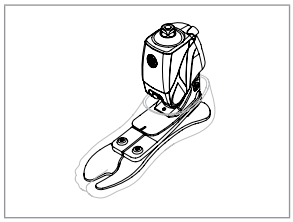
CATEGORY SELECTION GUIDE

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-275
Low Impact Level	1	1	2	3	4	5	6	7
Moderate Impact Level	1	2	3	4	5	6	7	8

SELECTION CHART FOR PRODUCT VARIANTS

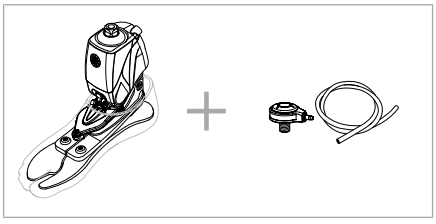
<table>
<tr><th>Category</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th></tr>
<tr><td>Size 22</td><td colspan="5" rowspan="3">FSF Foot Cover
No Unity available</td><td colspan="3" rowspan="3">N/A</td></tr>
<tr><td>Size 23</td></tr>
<tr><td>Size 24</td></tr>
<tr><td>Size 25</td><td colspan="8" rowspan="3">FST Foot Cover
Unity available</td></tr>
<tr><td>Size 26</td></tr>
<tr><td>Size 27</td></tr>
<tr><td>Size 28</td><td colspan="2" rowspan="3">N/A</td><td colspan="6" rowspan="3"></td></tr>
<tr><td>Size 29</td></tr>
<tr><td>Size 30</td></tr>
</table>

FOR COMPLETE FOOT



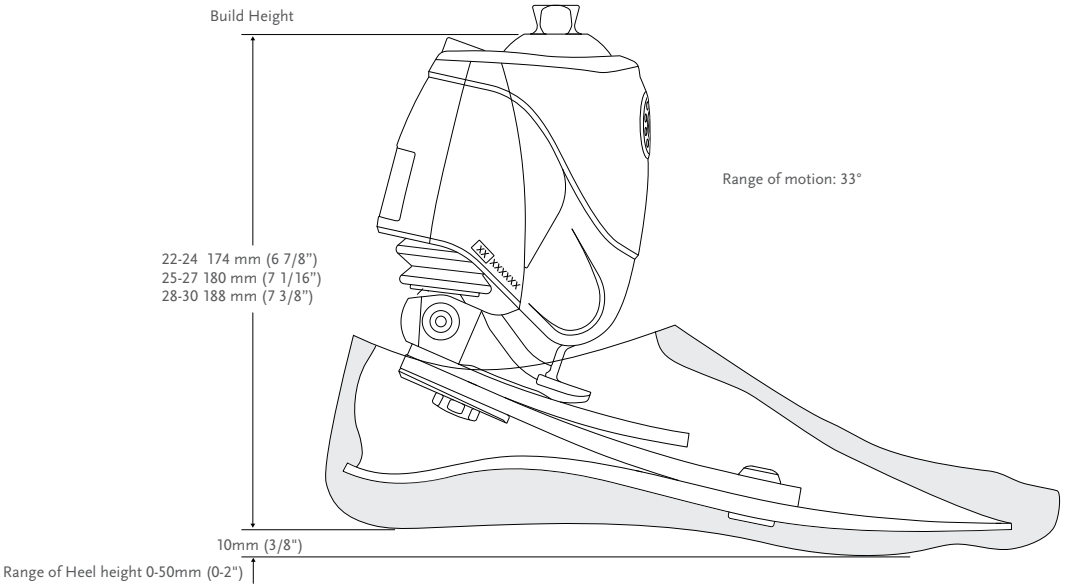
Unity can be ordered with Proprio Foot in sizes 25 and above. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

FOR COMPLETE FOOT WITH UNITY



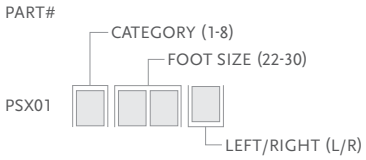
PROPRIO FOOT®

CLEARANCE



KITS

PROPRIO FOOT



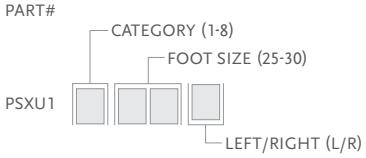
Includes:

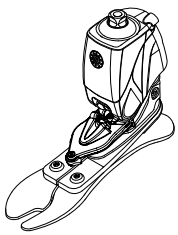
- Removable Foot Cover with Black Spectra Sock*
- Power Supply w/Plug

*For Proprio Foot with brown foot cover add a "BR" suffix to the part number.

FOOT KITS WITH UNITY

PROPRIO FOOT WITH UNITY





Includes:

- Removable Foot Cover with Black Spectra Sock*
- Unity Pump
- Power Supply w/Plug

*For Proprio Foot with brown foot cover add a "BR" suffix to the part number.
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

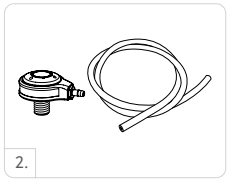
PROPRIO FOOT®

UNITY

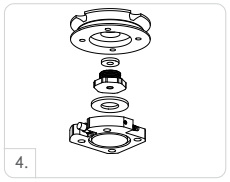
UNITY KITS

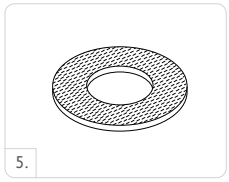
Picture	Part#	Description	Applicable Foot Kits
1	UPS0530	Unity for Proprio Foot Small	Size 25-27 / Cat. 1-5
1	UPS0630	Unity for Proprio Foot Large	Size 25-27 / Cat. 6-8 & Size 28-30 / Cat. 1-8
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	L-544611	Icelock 544 Kit	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All


1.


2.


3.


4.


5.

UNITY SPARE COMPONENTS

Part#	Description
UPS00024	Unity PSX components for all sizes

Includes:

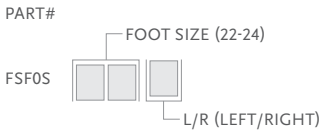
- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PROPRIO FOOT®

REPLACEMENT PARTS

Please refer to “Selection Chart for Product Variants” table for selection of foot covers

FSF - FOOT COVER KIT, BEIGE AND BROWN*

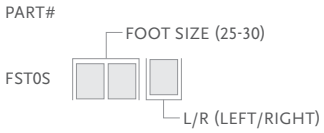




Includes:
- Foot Cover*
- Black Spectra Sock

*For brown foot cover please add a “BR” suffix to the part number.

FST - FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a “BR” suffix to the part number.

SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX64022	Spectra Sock Small 1 pc	22-25	Black
FCX64026	Spectra Sock Large 1 pc	26-30	Black



EXTENDED WARRANTY

PROPRIO FOOT KIT EXTENDED WARRANTY*

Part#	Description
PSXGE1Y	1 Year Extended Warranty (Incl. Service Check at 40 Months)
PSXGE2Y	Additional 2 Year Warranty (Incl. Service Check at 40 Months)
PSXGE3Y	Additional 3 Year Warranty (Incl. Service Check at 40 Months)
PSX1SC20M	20 Months Voluntary Service Check
PSX1SC40M	40 Months Mandatory Service Check
PSXSCAW	Voluntary after Warranty Service Check

* Initial Proprio Foot limited warranty period: 36 months. Extended warranty is available for purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 6 years, must be purchased while the product is under warranty.

PROPRIO FOOT®

ACCESSORIES

DUAL CHARGER KIT

The Dual Charger Kit is an optional kit that allows for simultaneous charging of any two combinations of Rheo Knee, Rheo Knee XC and Proprio Foot.

Part#	Description
CME10110	Power Supply and Cable Attachment



POWER SUPPLY

Part#	Description
CME50110	Power Supply



PRO-FLEX® TERRA

UNITY® COMPATIBLE





Pro-Flex Terra is a multi-blade prosthetic foot featuring an innovative pre-compressed top blade. It offers a truly unique combination of softness and flexibility associated with low-active feet, and powerful energy return associated with high-active feet.

Pro-Flex Terra's features enable users to be in full command, regardless of speed. With a soft heel and quick adaptation to uneven ground and slopes, its design and high range of motion combine softness and power, allowing users to think beyond placing their next step.

With a new level of versatility, the Pro-Flex Terra is the trusted partner for working in the office, playing sport with your kids or hiking with friends, giving great performance for diverse daily requirements. It fits with all clothing, from exercise and swimming gear to business suits.

An easy-to-use snap-on foot cover gives users the ability to quickly remove the cover for cleaning, whether it is after a trip to the beach, working in the garden or wading through autumn leaves. A SandalFix accessory is available to allow users to wear open heel footwear, such as sandals, securely by attaching the heel of the foot cover to the sandal.

Össur recommends using Pro-Flex Terra in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build-up height, and does not interfere with Pro-Flex Terra dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.

User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)


FULL LENGTH TOE LEVER


MULTI-AXIAL GROUND COMPLIANCE


SPLIT TOE


SANDAL TOE


PRE-LOAD TECHNOLOGY


USER REMOVABLE FOOT COVER


WATERPROOF

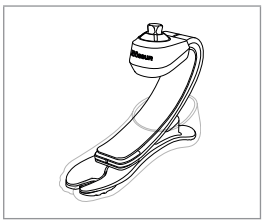
Foot information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	870g (1.9lbs) w/ Pyramid and Foot Cover
Build Height: (Size 27)	179mm (7 1/16') with Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Unity size:	22-30
Maximum Vacuum:	-25inHg (-635mmHG)
Normal Operating Pressure:	-15inHg to -18 inHg
Added System Weight:	111g w/Pump, Socket valve and tube

PRO-FLEX® TERRA

ORDERING INFORMATION

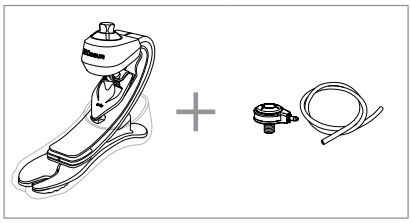
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

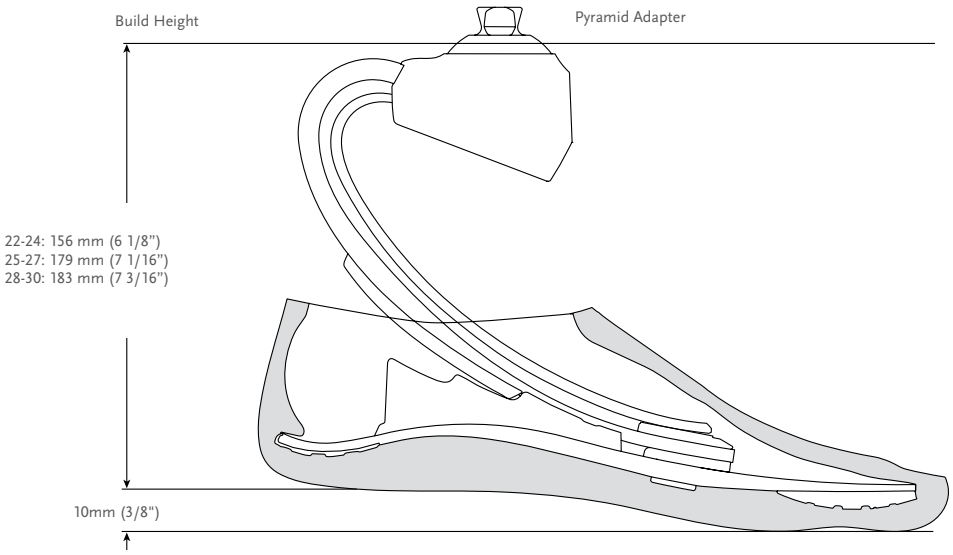


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® TERRA

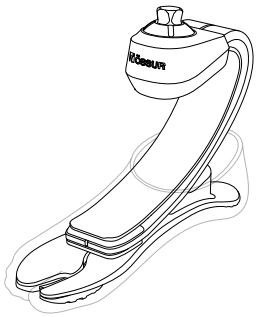
CLEARANCE



KITS

PRO-FLEX TERRA WITH PYRAMID

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
PTA0
L/R (LEFT/RIGHT)



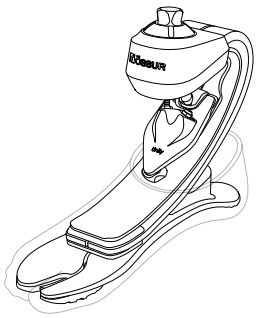
Includes:
- Foot Module with pyramid
- User Removable Foot Cover*
- Spectra Sock Thin
- Heel Wedge Kit
- SandalFix

*For Pro-Flex Terra with brown foot cover add a "BR" suffix to the part#. For Pro-Flex Terra with black foot cover add a "BL" suffix to the part#.

FOOT KITS WITH UNITY

PRO-FLEX TERRA WITH PYRAMID AND UNITY PUMP

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
PTAU
L/R (LEFT/RIGHT)



Includes:
- Foot Module with pyramid
- User removable foot cover*
- Spectra Sock thin
- Heel wedge kit
- Sandal Fix
- Unity Pump

*For Pro-Flex Terra with brown foot cover add a "BR" suffix to the part#. For Pro-Flex Terra with black foot cover add a "BL" suffix to the part #"

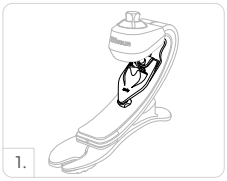
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

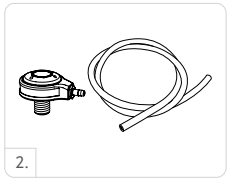
PRO-FLEX® TERRA

UNITY

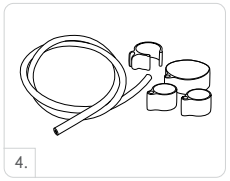
UNITY KITS

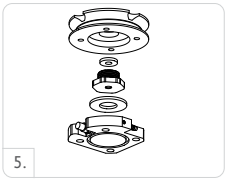
Picture	Part#	Description	Applicable Foot Kits
1	UPA0024	PTA Unity pump S22-24	Pro-Flex Terra Size 22-24
1	UPA0027	PTA Unity pump S25-27	Pro-Flex Terra Size 25-27
1	UPA0030	PTA Unity pump S28-30	Pro-Flex Terra Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

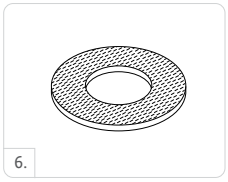

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UPT00021	Unity PTA components for all sizes
UPT00022	7mm wrench for Unity PTA

Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® TERRA

COSMETIC FINISHING

FSW FOOT COVER KIT, BEIGE, BROWN AND BLACK*

A waterproof, easy-to-use snap-on foot cover allows users to quickly attach and remove the cover as needed.

PART#
FSW0 [ ][ ][ ]
- FOOT SIZE (22-30)
- L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a "BR" suffix to the part number. For black foot cover add a "BL" suffix to the part#.

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX65022	Spectra Sock Thin - Small	22-25	Black
FCX65026	Spectra Sock Thin - Large	26-30	Black
FCX65022-15	Spectra Sock Thin - Small 15 pcs	22-25	Black
FCX65026-15	Spectra Sock Thin - Large 15 pcs	26-30	Black



PRO-FLEX TERRA HEEL WEDGES

For adjustment of heel stiffness.

Part#	Description	Size	Color
PTA50051	Heel Wedge Kit sizes 22-24	22-24	Black
PTA50052	Heel Wedge Kit sizes 25-27	25-27	Black
PTA50053	Heel Wedge Kit sizes 28-30	28-30	Black



Includes:
- Soft Heel Wedge (+)
- Medium Heel Wedge(++)
- Firm Heel Wedge (+++)

SANDALFIX

For secure attachment of open footwear to foot cover.

Part#	Description
FSW50011	SandalFix
FSW50013	SandalFix 3 pcs
FSW50015	SandalFix 10 pcs



PRO-FLEX® PIVOT

UNITY® COMPATIBLE



Combining an incredible 27° ankle motion and significantly greater ankle power than a conventional carbon fiber foot, Pro-Flex Pivot has been developed specifically to enhance protection of the sound side. It closely mimics regular biomechanics, delivering a proven 13% reduction in load on the contralateral limb. *

- 27° ankle motion
- Helps reduce load on contralateral limb by 13%
- Innovative pivot mechanism
- Aesthetically pleasing, anatomical foot cover

Össur recommends using Pro-Flex Pivot in conjunction with the sleeveless vacuum suspension system Unity®, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex Pivot dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	125 kg (275 lbs)

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	75g (0,17lbs) w/ Pump, Socket Valve and Tube

Foot information	
Categories:	1-7
Sizes:	22-30
Weight of Foot: (Size 27, Cat. 5)	920g (2,02lbs) w/ Foot Cover
Build Height: (Size 27)	155mm (6 1/8")
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid



WEATHERPROOF



ANATOMICAL FOOT



SANDAL TOE



PIVOT TECHNOLOGY



SPLIT TOE



ANKLE POWER



FULL LENGTH TOE LEVER

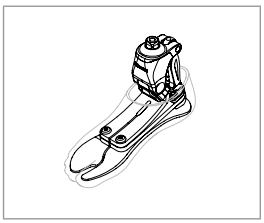
* Heitzmann DW, Salami F, De Asha AR, Block J, Putz C, Wolf SI, Alimusaj M. Benefits of an increased prosthetic ankle range of motion for individuals OR users with transfemoral and transtibial amputation walking with a new prosthetic foot. Gait & posture. 2018 Jul 1;64:174-80 .



PRO-FLEX® PIVOT

ORDERING INFORMATION

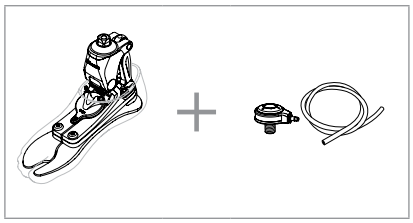
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

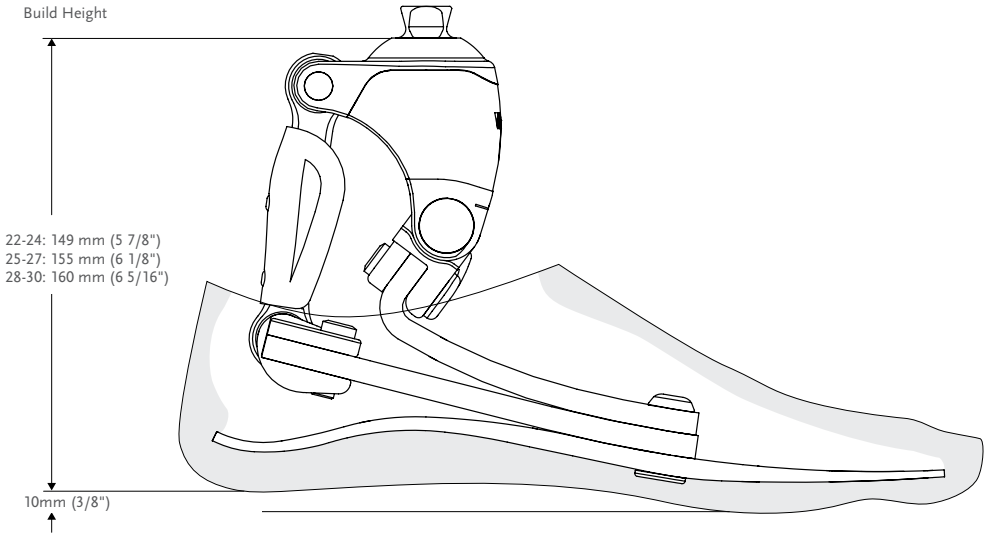


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-275
Low Impact Category								
Sizes 22	1	1	2	3	4	N/A	N/A	N/A
Sizes 23-24	1	1	2	3	4	5	N/A	N/A
Sizes 25-26	2	2	2	3	4	5	6	7
Sizes 27-28	N/A	N/A	N/A	3	4	5	6	7
Sizes 29-30	N/A	N/A	N/A	N/A	4	5	6	7
Moderate Impact Category								
Sizes 22	1	2	3	4	N/A	N/A	N/A	N/A
Sizes 23-24	1	2	3	4	5	N/A	N/A	N/A
Sizes 25-26	2	2	3	4	5	6	7	N/A
Sizes 27-28	N/A	N/A	3	4	5	6	7	N/A
Sizes 29-30	N/A	N/A	N/A	4	5	6	7	N/A

PRO-FLEX® PIVOT

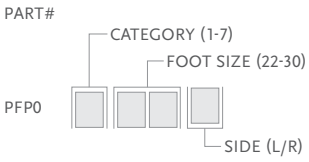
CLEARANCE

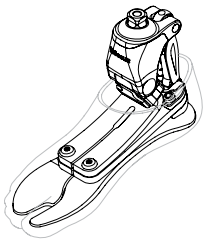


*Note: Pro-Flex Pivot with Unity has the same build height as Pro-Flex Pivot.

KITS

PRO-FLEX PIVOT





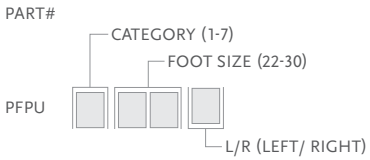
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

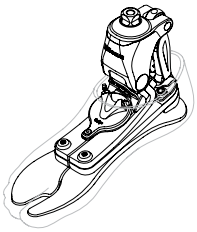
*For Pro-Flex Pivot with brown foot cover add a "BR" suffix to the part#.

PRO-FLEX® PIVOT

FOOT KITS WITH UNITY

PRO-FLEX PIVOT AND UNITY PUMP





Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

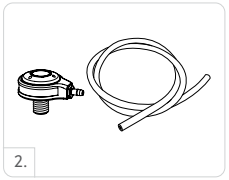
*For Pro-Flex Pivot with brown foot cover add a "BR" suffix to the part#

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

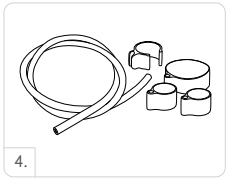
UNITY

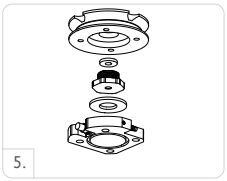
Picture	Part#	Description	Applicable Foot Kits
1	UPF0001	PFP Unity Pump S22-30	Pro-Flex Pivot Size 22-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-5446XX	Icelock 544 Kit	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

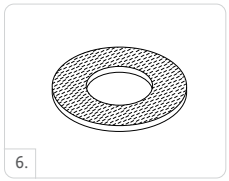












UNITY SPARE COMPONENTS

Part#	Description
UPF00011	Unity PFP Components 22-30

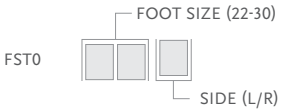
Includes:
- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® PIVOT

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#





Includes:
- Foot Cover
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a "BR" suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® XC

UNITY® COMPATIBLE



Pro-Flex XC has been developed to comfortably accommodate the relatively active user, who enjoys hiking and jogging, as well as level-ground walking. Comes with an aesthetically pleasing, anatomical foot cover and integrated pyramid.

Pro-Flex XC is rated Waterproof, which means it is fully resistant to both chlorine and salt water submersion.

Össur recommends using Pro-Flex XC in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Pro-Flex XC dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)


ACTIVE TIBIAL PROGRESSION


SPLIT TOE


SANDAL TOE


ANATOMICAL FOOT


WATERPROOF


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

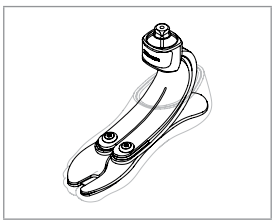
Foot information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	772g (1,70 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	155mm (6 1/8") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	97g (0,21 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® XC

ORDERING INFORMATION

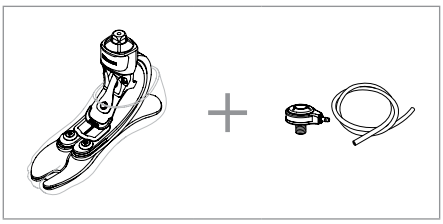
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

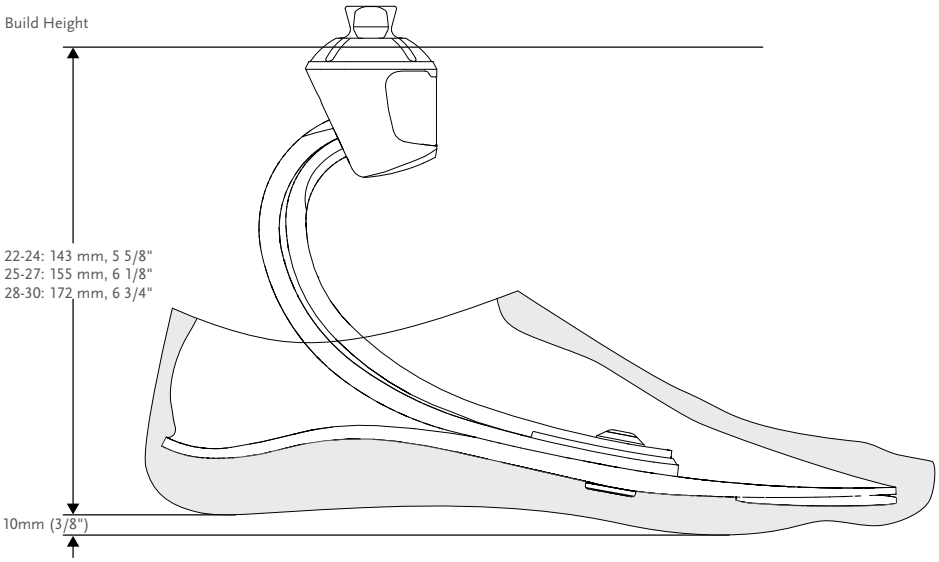


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® XC

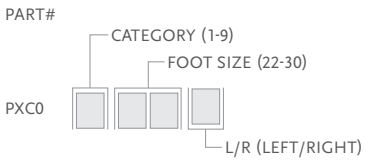
CLEARANCE

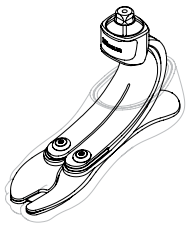


*Note: Pro-Flex XC with Unity has the same build height as Pro-Flex XC.

KITS

PRO-FLEX XC WITH PYRAMID



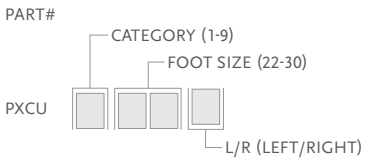


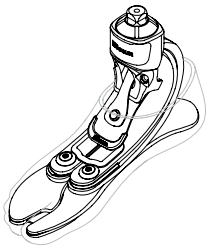
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

FOOT KITS WITH UNITY

PRO-FLEX XC WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

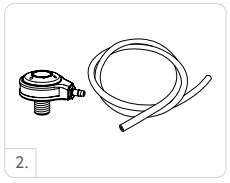
PRO-FLEX® XC

UNITY

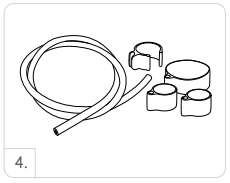
UNITY KITS

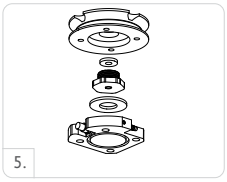
Picture	Part#	Description	Applicable Foot Kits
1	UPC0024	PXC Unity pump S22-24	Pro-Flex XC Size 22-24
1	UPC0027	PXC Unity pump S25-27	Pro-Flex XC Size 25-27
1	UPC0030	PXC Unity pump S28-30	Pro-Flex XC Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

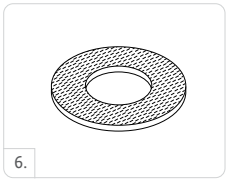

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UPC00021	Unity PXC components for all sizes

Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® XC

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#

FST0 [ ][ ][ ]

FOOT SIZE (22-30)

L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a "BR" suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



FSW FOOT COVER KIT, BEIGE, BROWN AND BLACK*

A waterproof, easy-to-use snap-on foot cover allows users to quickly attach and remove the cover as needed.

PART#

FSW0 [ ][ ][ ]

FOOT SIZE (22-30)

L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a "BR" suffix to the part number. For black foot cover add a "BL" suffix to the part number.

PRO-FLEX® XC

COSMETIC FINISHING

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX65022	Spectra Sock Thin - Small	22-25	Black
FCX65026	Spectra Sock Thin - Large	26-30	Black
FCX65022-15	Spectra Sock Thin - Small 15 pcs	22-25	Black
FCX65026-15	Spectra Sock Thin - Large 15 pcs	26-30	Black



SANDALFIX

For secure attachment of open footwear to foot cover.

Part#	Description
FSW50011	SandalFix
FSW50013	SandalFix 3 pcs
FSW50015	SandalFix 10 pcs

Note: Sandal-fix is only compatible with the FSW foot cover



PRO-FLEX® XC TORSION

UNITY® COMPATIBLE



Pro-Flex XC has been developed to comfortably support the active user who enjoys hiking and jogging, as well as level-ground walking.

Pro-Flex XC Torsion combines the Pro-Flex XC features of energy return and smooth roll-over, with valuable shock absorption and rotational capabilities. The sole blade offers a effective full-length toe, and a wider foot blade than traditional feet.

The foot is designed for active users who want to use a single, lightweight foot for their normal daily life, as well as a range of higher impact activities.

Less load and more dynamics means that amputees can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

Össur recommends using Pro-Flex XC Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex XC Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)


ACTIVE TIBIAL PROGRESSION


VERTICAL SHOCK PYLON


ROTATION


SPLIT TOE


SANDAL TOE


WEATHERPROOF


ANATOMICAL FOOT


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

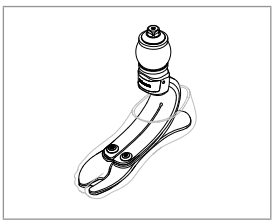
Foot information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27, cat5)	1035 g (2,28 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	222mm (8 3/4") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	91 g (0,20 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® XC TORSION

ORDERING INFORMATION

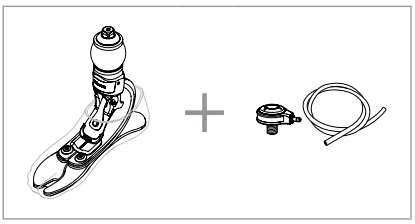
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

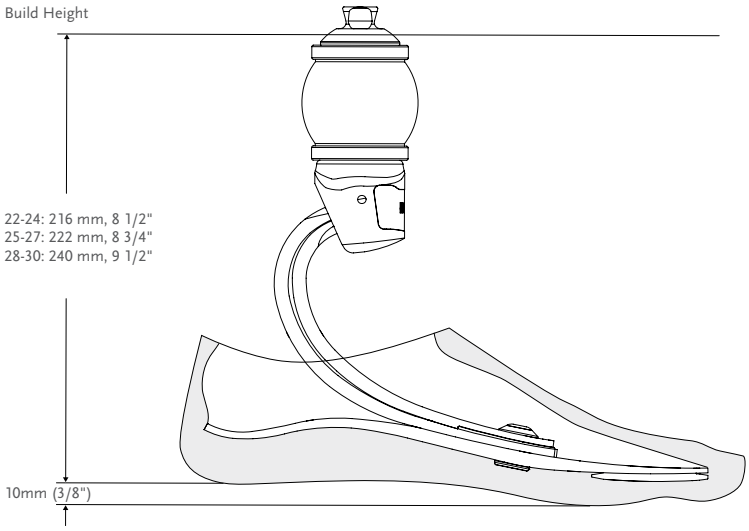


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	222-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	6	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	6	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

PRO-FLEX® XC TORSION

CLEARANCE

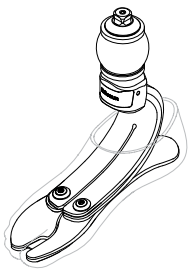


*Note: Pro-Flex XC Torsion with Unity has the same build height as Pro-Flex XC Torsion.

KITS

PRO-FLEX XC TORSION WITH PYRAMID

PART#
CATEGORY (1-8)
FOOT SIZE (22-30)
PXT0
L/R (LEFT/RIGHT)



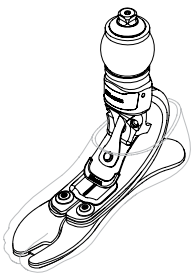
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*When ordering brown covers, add "BR" to the end of the part number.

FOOT KITS WITH UNITY

PRO-FLEX XC TORSION WITH PYRAMID AND UNITY PUMP

PART#
CATEGORY (1-8)
FOOT SIZE (22-30)
PXTU
L/R (LEFT/RIGHT)



Includes:
- Foot Module
- Unity Pump
- Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex XC with brown foot cover add a "BR" suffix to the part#.

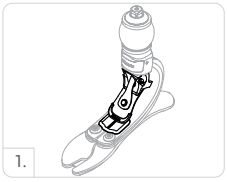
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

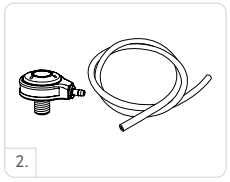
PRO-FLEX® XC TORSION

FOOT KITS WITH UNITY

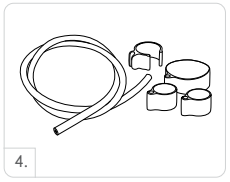
UNITY KITS

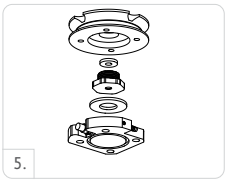
Picture	Part#	Description	Applicable Foot Kits
1	UPC0024	PXC Unity pump S22-24	Pro-flex XC/ XC Torsion 22-24
1	UPC0027	PXC Unity pump S25-27	Pro-flex XC/ XC Torsion 25-27
1	UPC0030	PXC Unity pump S28-30	Pro-flex XC/ XC Torsion 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-544611	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

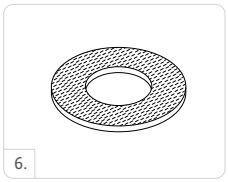












UNITY SPARE COMPONENTS

Part#	Description
UPC00021	Unity PXC components for all sizes

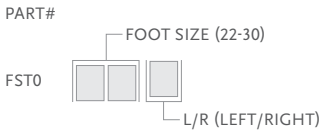
Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® XC TORSION

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*Note: Please specify when ordering brown covers, add "BR" to the part#.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



PRO-FLEX® ST

UNITY® COMPATIBLE





Pro-Flex ST is designed for low to high active users looking for flexibility and confidence to face everyday life activities. This versatile prosthetic foot provides a smooth rollover and controlled push off.

Pro-Flex ST makes it easy to go through the full stride on different terrains thanks to its multifunctional design, combining dynamics and ground compliance. As with all Pro-Flex devices, it features our proprietary three-blade design with a full effective toe lever and an anatomical split toe.

Pro-Flex ST contributes to a more fluid and natural progression from heel strike to toe off than a conventional energy storing and return foot. It has a sleek profile and comes with an aesthetically pleasing, anatomical foot cover and integrated pyramid. Pro-Flex ST is rated waterproof, which means that it is fully resistant to both chlorine and saltwater submersion.

Össur recommends using Pro-Flex ST in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Pro-Flex ST dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.

User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)


ACTIVE TIBIAL PROGRESSION


SPLIT TOE


SANDAL TOE


ANATOMICAL FOOT


WATERPROOF


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

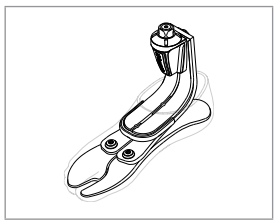
Foot information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	756g (1.67lbs) w/ Pyramid and Foot Cover
Build Height: (Size 27)	160mm (6 19/64') with Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15 to -23 inHg
Added System Weight:	145g (0.32lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® ST

ORDERING INFORMATION

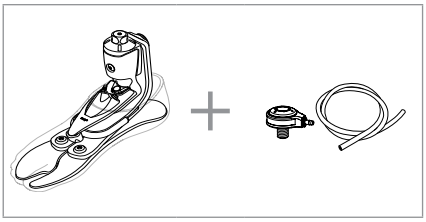
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

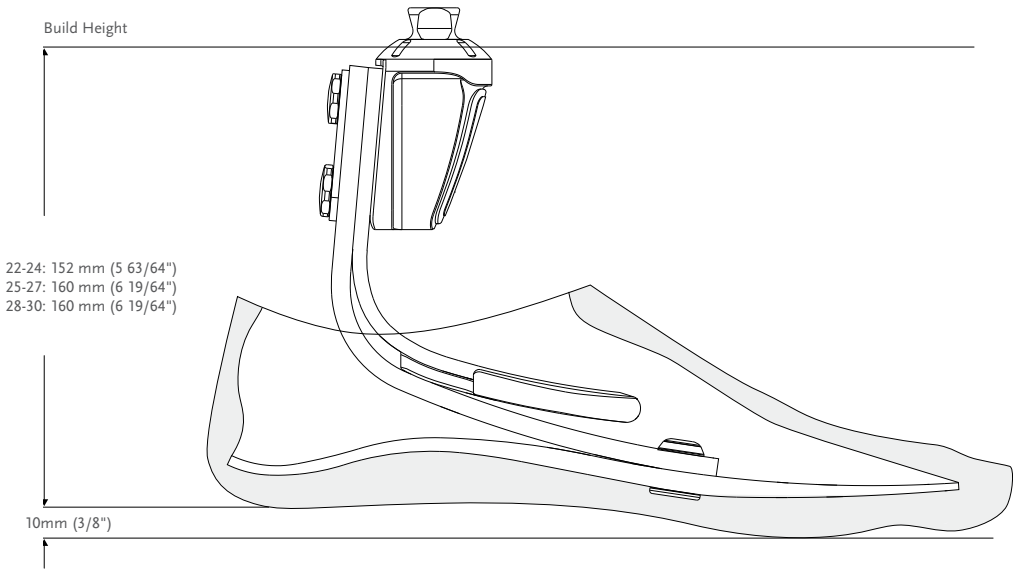


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® ST

CLEARANCE



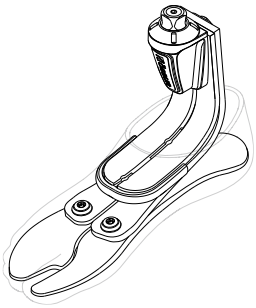
KITS

PRO-FLEX ST WITH PYRAMID

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
PST0
L/R (LEFT/RIGHT)

Includes:
- Foot Module with pyramid
- Removable Foot Cover* with black Spectra Sock.

*For Pro-Flex ST with brown foot cover add a "BR" suffix to the part#.



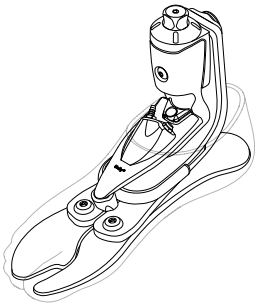
FOOT KITS WITH UNITY

PRO-FLEX ST WITH PYRAMID AND UNITY PUMP

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
PSTU
L/R (LEFT/ RIGHT)

Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

*For Pro-Flex ST with brown foot cover add a "BR" suffix to the part#
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

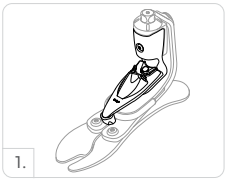


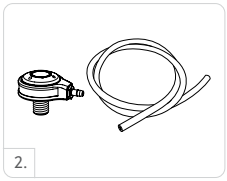
PRO-FLEX® ST

UNITY

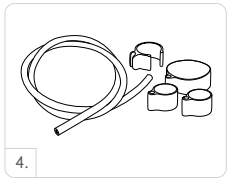
UNITY KITS

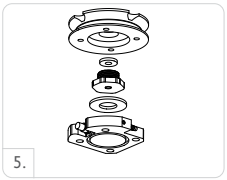
Picture	Part#	Description	Applicable Foot Kits
1	UPT0124	PST Unity Pump Size 22-24 / Cat 1	Pro-Flex ST Size 22-24, Cat 1
1	UPT0024	PST Unity Pump Size 22-24 / Cat 2-6	Pro-Flex ST Size 22-24, Cat 2-6
1	UPT0427	PST Unity Pump Size 25-27 / Cat 1-4	Pro-Flex ST Size 25-27, Cat 1-4
1	UPT0027	PST Unity Pump Size 25-27 / Cat 5-9	Pro-Flex ST Size 25-27, Cat 5-9
1	UPT0030	PST Unity Pump Size 28-30	Pro-Flex ST Size 28-30
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-5446XX	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

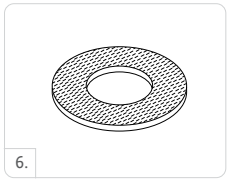

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UPT00021	Unity PST components for all sizes

Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® ST

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#
FST0 [ ][ ][ ]
FOOT SIZE (22-30)
L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a "BR" suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



FSW FOOT COVER KIT, BEIGE, BROWN AND BLACK*

A waterproof, easy-to-use snap-on foot cover allows users to quickly attach and remove the cover as needed.

PART#
FSW0 [ ][ ][ ]
FOOT SIZE (22-30)
L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a "BR" suffix to the part number. For black foot cover add a "BL" suffix to the part number.

PRO-FLEX® ST

COSMETIC FINISHING

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX65022	Spectra Sock Thin - Small	22-25	Black
FCX65026	Spectra Sock Thin - Large	26-30	Black
FCX65022-15	Spectra Sock Thin - Small 15 pcs	22-25	Black
FCX65026-15	Spectra Sock Thin - Large 15 pcs	26-30	Black



SANDALFIX

For secure attachment of open footwear to foot cover.

Part#	Description
FSW50011	SandalFix
FSW50013	SandalFix 3 pcs
FSW50015	SandalFix 10 pcs

Note: Sandal-fix is only compatible with the FSW foot cover



PRO-FLEX® MODULAR



Pro-Flex Modular is a lightweight shank height adjustable prosthetic foot, minimising the need for additional components between the socket and foot. It is designed for low to high active users looking for flexibility and confidence to face everyday life activities.

This versatile J-shaped prosthetic foot provides a smooth rollover and controlled push off. Pro-Flex Modular makes it easy to go through the full stride on different terrains thanks to its multifunctional design, combining dynamics and ground compliance.

As with all Pro-Flex devices, it features our proprietary three-blade design with a full effective toe lever and an anatomical split toe. Pro-Flex Modular contributes to a more fluid and natural progression from heel strike to toe off than a conventional energy storing and return foot. It has a sleek profile and comes with an aesthetically pleasing, anatomical footcover and a separate male pyramid. Pro-Flex Modular is rated waterproof, which means it is fully resistant to both chlorine and saltwater submersion. An alignment drill guide is available for easy setup.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)

Foot information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	910g (2.0lbs) w/ Pyramid and Foot Cover
Build Height: (Size 27)	168mm (6 39/64") to 327mm (12 7/8") with Pyramid and Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Pyramid


ACTIVE TIBIAL PROGRESSION


SPLIT TOE


SANDAL TOE


ANATOMICAL FOOT

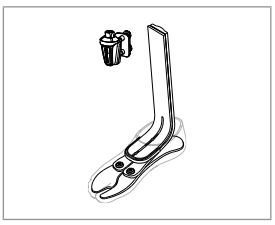

WATERPROOF


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

ORDERING INFORMATION

FOR COMPLETE FOOT

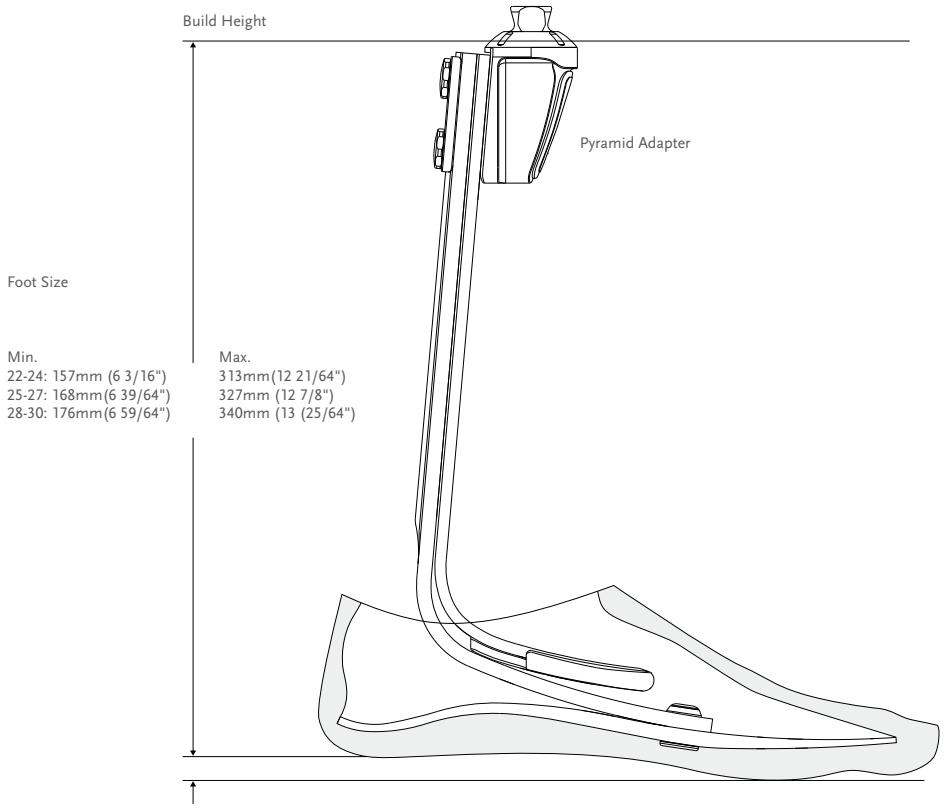


PRO-FLEX® MODULAR

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

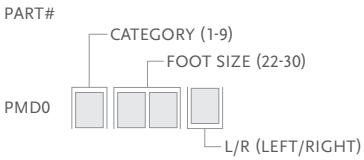
CLEARANCE

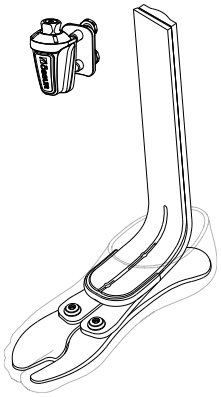


PRO-FLEX® MODULAR

KITS

PRO-FLEX MODULAR WITH PYRAMID





Includes:
- Foot Module
- Pyramid
- Removable Foot Cover with black Spectra sock.

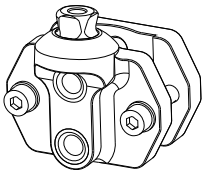
*For Pro-Flex Modular with brown foot cover add a "BR" suffix to the part#.

STANDARD ADAPTERS

PRO-FLEX MODULAR ALIGNMENT ADAPTER

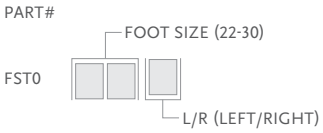
Makes aligning and drilling for pyramid quick and easy.

Part#	Weight	
PMD50002	396g	0.87 lbs



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a "BR" suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

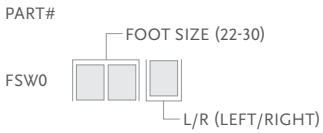


PRO-FLEX® MODULAR

COSMETIC FINISHING

FSW FOOT COVER KIT, BEIGE, BROWN AND BLACK*

A waterproof, easy-to-use snap-on foot cover allows users to quickly attach and remove the cover as needed.





Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a "BR" suffix to the part number. For black foot cover add a "BL" suffix to the part number.

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX65022	Spectra Sock Thin - Small	22-25	Black
FCX65026	Spectra Sock Thin - Large	26-30	Black
FCX65022-15	Spectra Sock Thin - Small 15 pcs	22-25	Black
FCX65026-15	Spectra Sock Thin - Large 15 pcs	26-30	Black



SANDALFIX

For secure attachment of open footwear to foot cover.

Part#	Description
FSW50011	SandalFix
FSW50013	SandalFix 3 pcs
FSW50015	SandalFix 10 pcs



Note: Sandal-fix is only compatible with the FSW foot cover

PRO-FLEX® LP

UNITY® COMPATIBLE



A good level of ankle power, energy return and overall dynamics has often eluded people with longer residual limbs. Pro-Flex LP has been specially designed to counter those issues and to provide smooth rollover.

Pro-Flex LP offers a high degree of ankle motion and a significant improvement on conventional low profile carbon fiber feet. It also incorporates a full-effective toe length and new 'reverse tapered' technology, allowing for greater dorsi-flexion.

The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal-clamping toe for a range of footwear including flipflops.

Össur recommends using Pro-Flex LP in conjunction with the sleeveless vacuum suspension system Unity, which adds minimal weight and no extra build height, and does not interfere with Pro-Flex LP dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166 kg (365 lbs)


ANATOMICAL FOOT


SPLIT TOE


SANDAL TOE


WATERPROOF


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

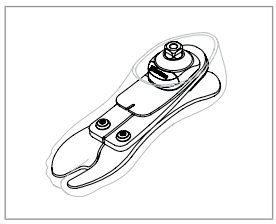
Foot information	
Categories:	1-9
Size:	22-30
Weight of Foot: (Size 27)	690 g (1,5 lbs) w/ Foot Cover and Sock
Build Height: (Size 27)	73 mm (2,7/8") w/ Pyramid and Foot Cover
Heel Height:	10 mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15 to -23 inHg
Added System Weight:	82 g (0,18 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® LP

ORDERING INFORMATION

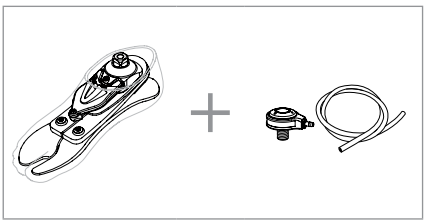
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

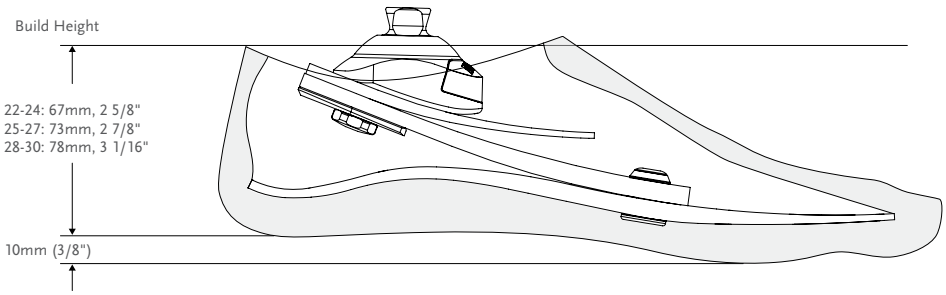


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Category										
Sizes 22-24	1	1	2	3	4	5	N/A	N/A	N/A	N/A
Sizes 25-27	1	1	2	3	4	5	6	7	8	9
Sizes 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Sizes 22-24	1	2	3	4	5	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	1	2	3	4	5	6	7	8	9	N/A
Sizes 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Sizes 22-24	2	3	4	5	N/A	N/A	N/A	N/A	N/A	N/A
Sizes 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Sizes 28-30	3	3	4	5	6	7	8	9	N/A	N/A

PRO-FLEX® LP

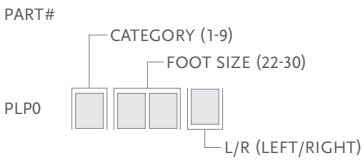
CLEARANCE

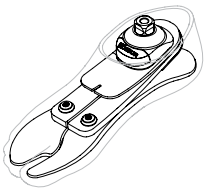


*Note: Pro-Flex LP with Unity has the same build height as Pro-Flex LP.

KITS

PRO-FLEX LP WITH PYRAMID



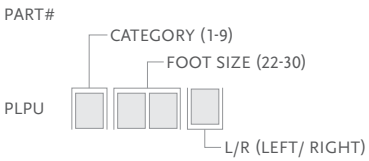


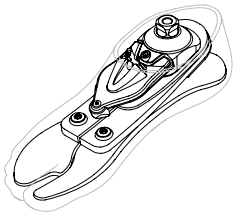
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#.

FOOT KITS WITH UNITY

PRO-FLEX LP WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

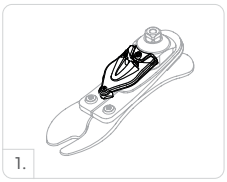
*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

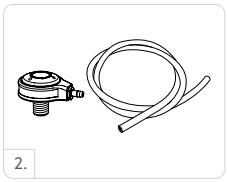
PRO-FLEX® LP

UNITY

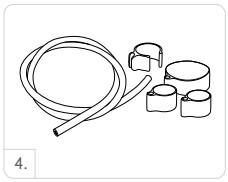
UNITY KITS

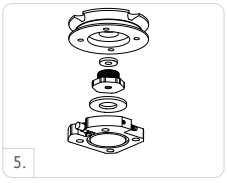
Picture	Part#	Description	Applicable Foot Kits
1	UPL0024	PLP Unity Pump S22-24	Pro-Flex LP Size 22-24
1	UPL0030	PLP Unity Pump S25-27/Cat 1-5	Pro-Flex LP Size 25-27, Cat 1-5
1	UPL0930	PLP Unity Pump S25-27/Cat 6-9 & S28-30 /all categories	Pro-Flex LP Size 25-27, Cat 6-9 & Size 28-30 all categories
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-5446XX	Icelock 544 Kit Unity	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

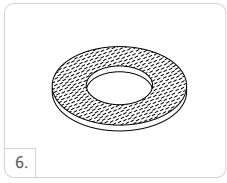

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UPL00021	Unity PLP components for all sizes

Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® LP

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*

PART#
FST0S — FOOT SIZE (22-30) — L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a “BR” suffix to the part number.

SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX64022	Spectra Sock Small 1 pc	22-25	Black
FCX64026	Spectra Sock Large 1 pc	26-30	Black



FSW FOOT COVER KIT, BEIGE, BROWN AND BLACK*

A waterproof, easy-to-use snap-on foot cover allows users to quickly attach and remove the cover as needed.

PART#
FSW0 — FOOT SIZE (22-30) — L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a “BR” suffix to the part number. For black foot cover add a “BL” suffix to the part number.

PRO-FLEX® LP

COSMETIC FINISHING

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX65022	Spectra Sock Thin - Small	22-25	Black
FCX65026	Spectra Sock Thin - Large	26-30	Black
FCX65022-15	Spectra Sock Thin - Small 15 pcs	22-25	Black
FCX65026-15	Spectra Sock Thin - Large 15 pcs	26-30	Black



SANDALFIX

For secure attachment of open footwear to foot cover.

Part#	Description
FSW50011	SandalFix
FSW50013	SandalFix 3 pcs
FSW50015	SandalFix 10 pcs

Note: Sandal-fix is only compatible with the FSW foot cover



PRO-FLEX® LP TORSION

UNITY® COMPATIBLE



This compact energy-storing foot offers rotational shock absorption designed to reduce shear forces on the residual limb. The torsion module is combined with the Pro-Flex LP foot module, delivering a level of ankle power, energy return, and overall dynamics, which have often eluded people with longer residual limbs. Pro-Flex LP Torsion has been specially designed to deliver these benefits, in addition to providing smooth rollover. The torsion-shock unit compensates for physiological rotation and vertical shock absorption of lost joints, delivering more comfort for the end user, and less stress on the residual limb.

The Pro-Flex LP Torsion offers a high degree of ankle motion; a significant improvement in relation to conventional low-profile carbon fiber feet. It incorporates a effective full-length toe, and new 'reverse tapered' technology, allowing for greater dorsi-flexion.

Less load and increased range of motion means that amputees with a longer limb can enjoy greater comfort in a wide range of activities. The well-designed and lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces, and a sandal-clamping toe for a range of footwear including flip flops.

Össur recommends using the Pro-Flex LP Torsion together with the Unity sleeveless vacuum suspension system. This adds minimal weight, no extra build height, and does not interfere with the Pro-Flex LP Torsion dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147 kg (324 lbs)


ACTIVE TIBIAL PROGRESSION


VERTICAL SHOCK PYLON


ROTATION


SPLIT TOE


ANATOMICAL FOOT


SANDAL TOE


WEATHERPROOF


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

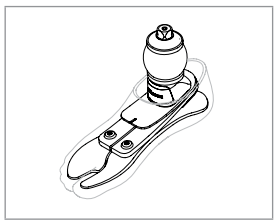
Foot information	
Categories:	1-8
Size:	22-30
Weight of Foot: (Size 27)	960 g / 2.11 lbs w/ Foot Cover and Sock
Build Height: (Size 27)	147 mm / 5 25/32" w/ Pyramid and Foot Cover
Heel Height:	10 mm (3/8")
Adapter Options:	Pyramid

Unity System Information	
Maximum Vacuum:	24inHg(610mmHg)
Normal Operating Pressure:	-15inHg to -23inHg
Added System Weight:	75 g (0,17 lbs) w/ Pump, Socket Valve and Tube

PRO-FLEX® LP TORSION

ORDERING INFORMATION

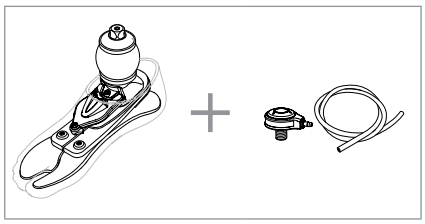
FOR COMPLETE FOOT



Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

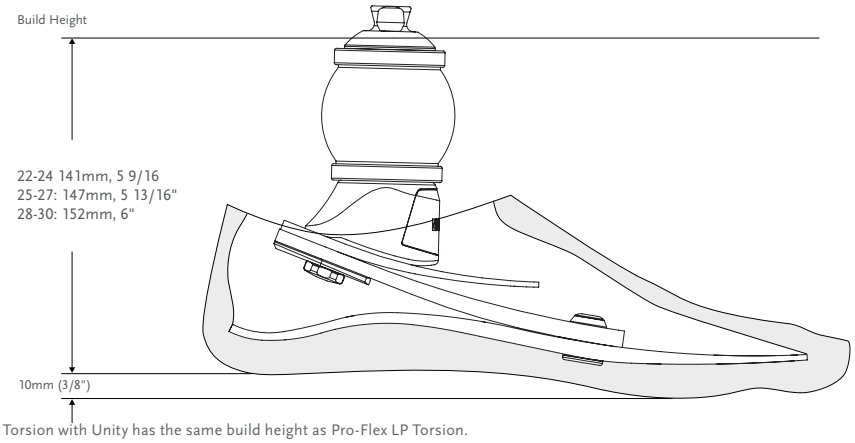


CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	N/A	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	N/A	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

PRO-FLEX® LP TORSION

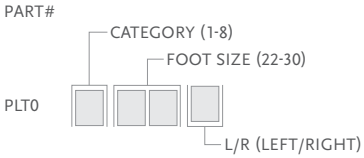
CLEARANCE

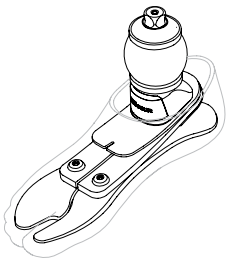


*Note: Pro-Flex LP Torsion with Unity has the same build height as Pro-Flex LP Torsion.

KITS

PRO-FLEX LP TORSION WITH PYRAMID



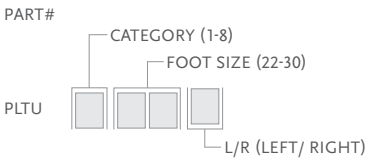


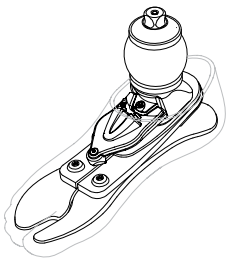
Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP Torsion with brown foot cover add a "BR" suffix to the part#.

FOOT KITS WITH UNITY

PRO-FLEX LP TORSION WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock
- Unity Pump

*For Pro-Flex LP with brown foot cover add a "BR" suffix to the part#.
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

PRO-FLEX® LP TORSION

UNITY

UNITY KITS

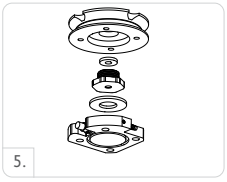
Picture	Part#	Description	Applicable Foot Kits
1	UPL0024	PLP Unity Pump S22-24	Pro-Flex LP Torsion 22-24
1	UPL0030	PLP Unity Pump S25-27 cat. 1-5	Pro-Flex LP Torsion 25-27 cat. 1-5
1	UPL0930	PLP Unity Pump S25-27 Cat 6-9 & S28-30 (All categories)	Pro-Flex LP Torsion 25-27 Cat 6-9 & 28-30 (All categories)
2	UTT0001	Unity TT Valve Kit	All
3	UTF0001	Unity TF Valve Kit	All
4	UTF0006	Unity TF Tube Kit	All
5	L-5446XX	Icelock 544 Kit	All
6	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

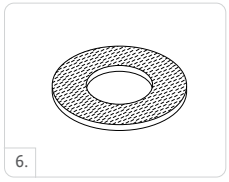

1.


2.


3.


4.


5.


6.

UNITY SPARE COMPONENTS

Part#	Description
UPL00021	Unity PLP components for all sizes

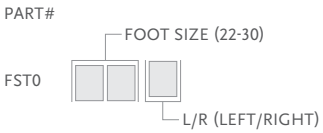
Includes:

- Outlet Port
- Inlet Port
- Check Valves
- Unity Tube
- Unity Tube Clamp
- Loctite 243

PRO-FLEX® LP TORSION

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover*
- Foot Cover Attachment
- Black Spectra Sock

*For brown foot cover please add a "BR" suffix to the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

PRO-FLEX® LP ALIGN

Pro-Flex LP Align combines functionality, comfort and aesthetic design. It allows users the freedom to choose footwear that best suits their activities, without having to compromise alignment, posture, dynamics or functionality. The heel height adjustment feature is quick and easy to use.

The lightweight anatomical foot cover features a steady-grip sole for barefoot stability on wet or slick surfaces and a sandal toe to accommodate a range of footwear. The spaced sandal toe easily clamps onto sandals and flip-flops held by the toe.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to Moderate
Maximum Patient Weight:	116 kg / 256 lbs (Low Impact) 100 kg / 220 lbs (Moderate Impact)

SANDAL TOE
HEEL HEIGHT ADJUSTABILITY
ANATOMICAL FOOT
ACTIVE TIBIAL PROGRESSION
SPLIT TOE
WEATHERPROOF
FULL LENGTH TOE LEVER
PROPORTIONAL RESPONSE

Foot information	
Categories:	1-6
Size:	22-28
Weight of Foot: (Size 24/27)	703 g/866 g (1.55lbs/1.91lbs) w/ Foot Cover and Sock
Build Height: (Size 24/27)	116 mm/121 mm (4 9/16"/4 49/64") w/ Foot Cover and Sock
Heel Height:	Up to 7 cm (2.76")
Adapter Options:	Pyramid

ORDERING INFORMATION FOR COMPLETE FOOT

SELECTION CHART FOR PRODUCT VARIANTS

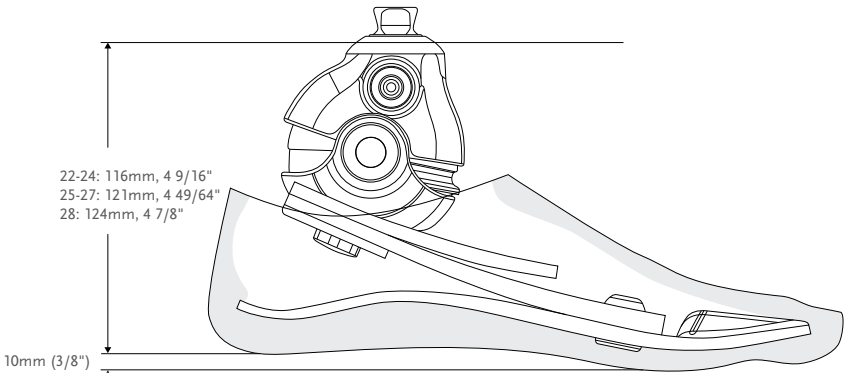
<table>
<tr><th>Category</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th></tr>
<tr><td>Size 22</td><td colspan="5" rowspan="5">FSF Foot Cover
Calf Cosmesis</td><td>N/A</td></tr>
<tr><td>Size 23</td><td>N/A</td></tr>
<tr><td>Size 24</td><td>N/A</td></tr>
<tr><td>Size 25</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>Size 26</td></tr>
<tr><td>Size 27</td><td colspan="2" rowspan="2"></td><td colspan="4" rowspan="2">FST Foot Cover
No Calf Cosmesis</td></tr>
<tr><td>Size 28</td><td>N/A</td><td>N/A</td></tr>
</table>

PRO-FLEX® LP ALIGN

CATEGORY SELECTION CHART

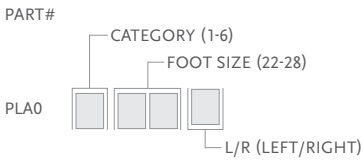
Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256
Low Impact Category							
Size 22-24	1	1	2	3	4	5	N/A
Size 25-27	1	1	2	3	4	5	6
Size 28	3	3	3	3	4	5	6
Moderate Impact Category							
Size 22-24	1	2	3	4	5	N/A	N/A
Size 25-27	1	2	3	4	5	6	N/A
Size 28	3	3	3	4	5	6	N/A

CLEARANCE



KITS

PRO-FLEX LP ALIGN WITH PYRAMID



Includes:
- Foot Module
- Removable Foot Cover* with a black Spectra Sock

*For Pro-Flex LP Align with brown foot cover add a "BR" suffix to the part number.

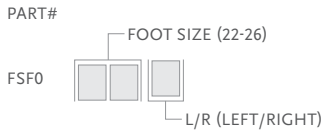


PRO-FLEX® LP ALIGN

REPLACEMENT PARTS

Please refer to “Selection Chart for Product Variants” table for selection of foot covers

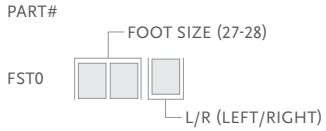
FSF - FOOT COVER KIT, BEIGE AND BROWN





Includes:
- Foot Cover
- Black Spectra Sock

FST - FOOT COVER KIT, BEIGE AND BROWN





Includes:
- Foot Cover
- Foot Cover Attachment
- Black Spectra Sock

Note: For brown foot cover, please add a “BR” suffix to the part number.

SPECTRA SOCKS

Used to cover the composite foot module to foot cover the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black



SPACER KIT

Part#	Size	Category
PLA50005	22-24	1-5
PLA50007	25-27	1-6
	28	3-6



Includes:
- Anterior Spacer
- Anterior Spacer Wedge
- Posterior Spacer
- Wedge - tool to assist replacing Spacer

PRO-FLEX® LP ALIGN

CALF COSMESIS SELECTION CHART

Category	1	2	3	4	5	6
Size 22	Calf Cosmesis					N/A
Size 23						N/A
Size 24						N/A
Size 25						
Size 26						
Size 27	N/A	N/A	N/A	N/A	N/A	N/A
Size 28	N/A	N/A	N/A	N/A	N/A	N/A



CALF COSMESIS

Part#	Size
LSF024Nz	22-24 z=L/R
LSF026Nz	25-26 z=L/R

Note: For brown calf cosmesis, please add a “BR” suffix to the part number.

VARI-FLEX®

UNITY® COMPATIBLE



The Vari-Flex provides an exclusive combination of comfort and dynamics. The Vari-Flex is light-weight, easy to assemble and has a slender profile which makes it easy to cosmetically cover.

For users it provides confidence and security, offering natural gait with less fatigue and less strain on the lower back and sound side.

Össur recommends using Vari-Flex in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Vari-Flex dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)


FULL LENGTH TOE LEVER


ACTIVE TIBIAL PROGRESSION


SPLIT TOE


WEATHERPROOF*


WATERPROOF*


FULL LENGTH TOE LEVER


PROPORTIONAL RESPONSE

* Waterproof when used with carbonfibre tube. Weatherproof when used with pyramid.

Foot information	
Categories:	Sizes 22-24; Cat. 1-6 Sizes 25-30; Cat. 1-9
Sizes:	22-30
Weight of Foot: (Size 27)	594g (21oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	170mm (6 3/4") w/ Pyramid and Foot Cover
Heel Height:	10mm and 19mm (3/8" and 3/4")
Adapter Options:	Pyramid, Carbon Fibor Tube

Unity System Information	
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20 inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

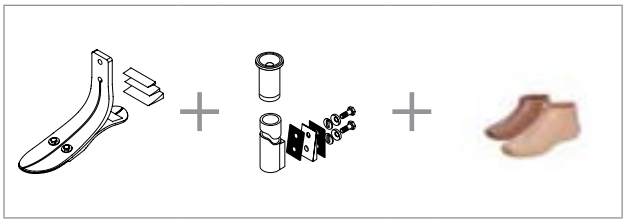
VARI-FLEX®

ORDERING INFORMATION

FOR COMPLETE FOOT WITH PYRAMID



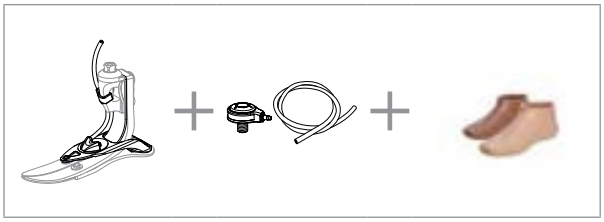
FOR COMPLETE FOOT WITH CARBON FIBER TUBE



Unity can be ordered with Vari-Flex. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY

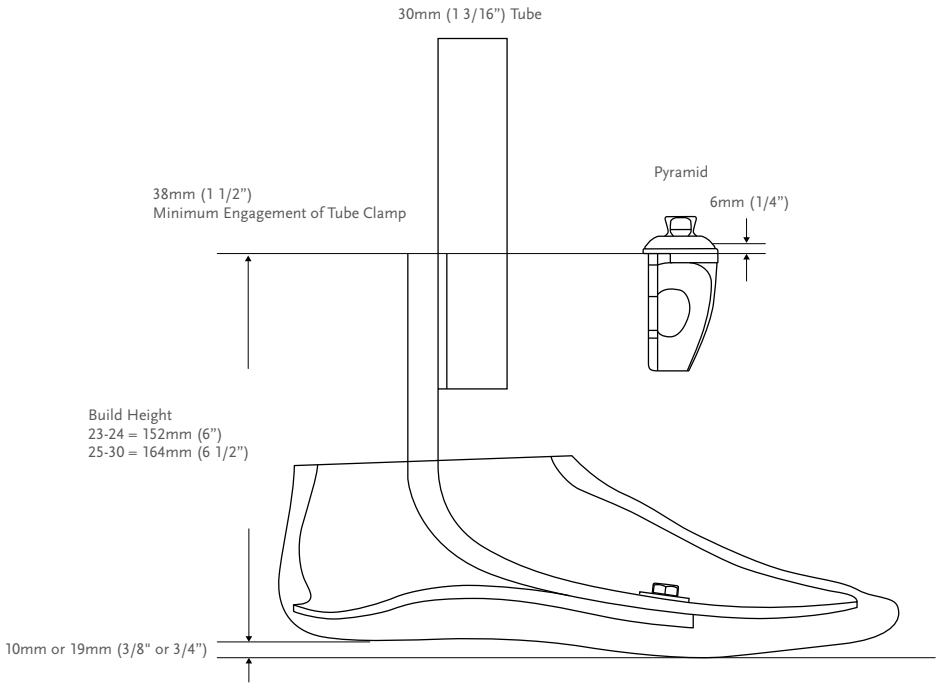


CATEGORY SELECTION CHART

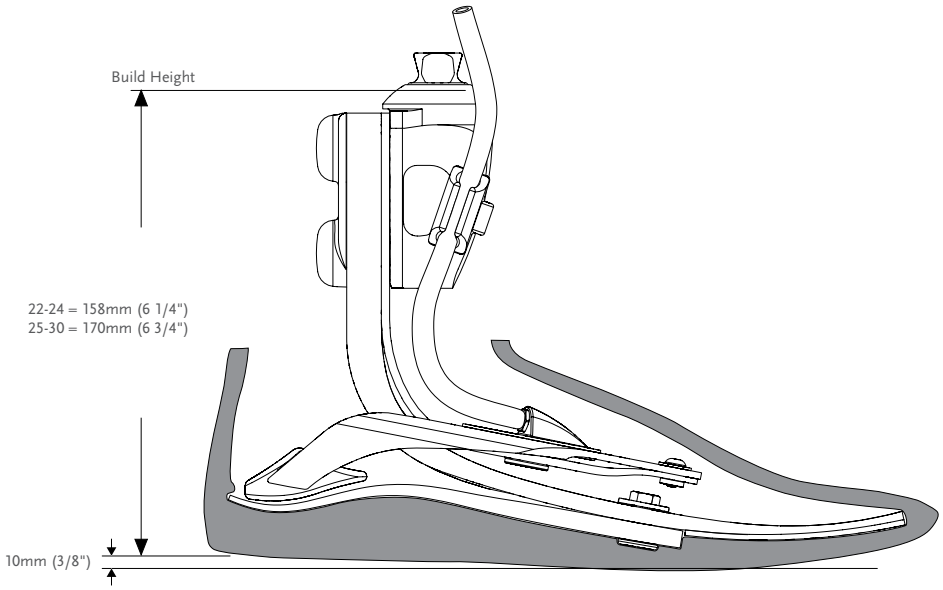
User Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
User Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Level										
Size 22-24	1	1	2	3	4	5	6			
Size 25-27	1	1	2	3	4	5	6	7	8	9
Size 28-30	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level										
Size 22-24	1	2	3	4	5	6				
Size 25-27	1	2	3	4	5	6	7	8	9	
Size 28-30	1	2	3	4	5	6	7	8	9	
High Impact Level										
Size 22-24	2	3	4	5	6					
Size 25-27	2	3	4	5	6	7	8	9		
Size 28-30	2	3	4	5	6	7	8	9		

VARI-FLEX®

CLEARANCE



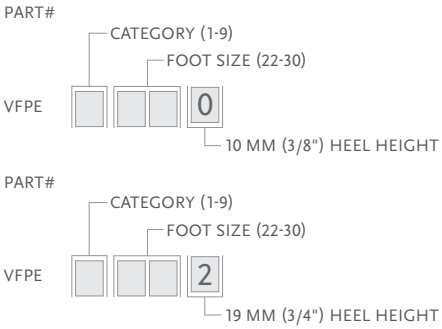
CLEARANCE WITH UNITY

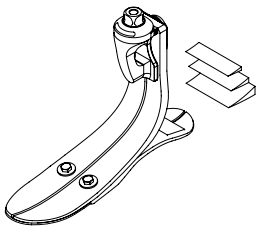


VARI-FLEX®

KITS

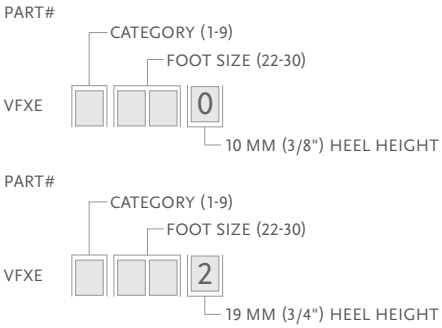
VARI-FLEX PYRAMID OPTION

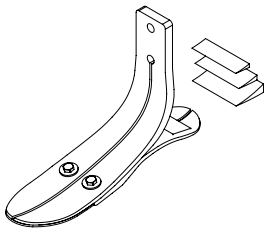




Note:
- 19mm (3/4") heel are special orders.
- Solid toe, low and high heel are special orders.

VARI-FLEX WITHOUT ADAPTER





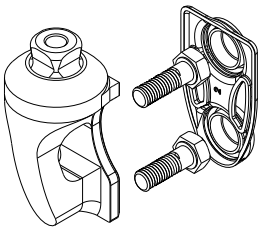
Note:
- 19mm (3/4") heel are special orders.
- Solid toe, low and high heel are special orders.

PYRAMID ADAPTERS

BOLT-ON PYRAMID ADAPTER

Select according to category of foot module being utilised.

Part#	Cat.	Weight	
FFC2210001	1-6	175g	6.2oz
FFC2210002	7-9	205g	7.2oz



Includes:
- Pyramid
- Hardware (M8 or M10 bolts)
- Plastic Bolt Cap
- Loctite

ATTACHMENT BOLTS FOR PYRAMID

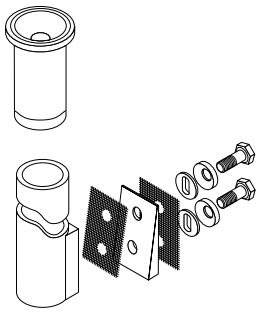
Part#	Cat.	Size	Length	
CM130234	1-6	M8	35mm	1 3/8"
CM130223	7-8	M10	35mm	1 3/8"

VARI-FLEX®

TUBE KITS

30MM (1 3/16") CARBON FIBER TUBE KIT

Choose according to size and category of the foot module utilised.

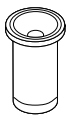


Part#	Cat.	Size	Length		Hole Spacing		Weight	
VFX00003	1-6	22-30	229mm	9"	38mm	1 1/2"	216g	7.3oz
VFX00004	7-9	22-30	229mm	9"	38mm	1 1/2"	275g	9.7oz
VFX00006	1-6	22-30	381mm	15"	38mm	1 1/2"	293g	10.3oz
VFX00007	7-9	22-30	381mm	15"	38mm	1 1/2"	369g	13oz

Includes:
- Alignment Wedges
- Tube
- Spherical Washers
- Attachment Bolts and Hardware (5/16" UNF)
- Friction Pads
- Tube Insert (Cat.7-9)

TUBE INSERT FOR CATEGORY 7-9; 30MM (1 3/16")

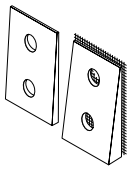
Tube inserts provide the structural integrity necessary for higher category tubes.



Part#	Diameter		Weight	
A-718009	30mm	1 3/16"	18g	0.63oz

ALIGNMENT WEDGES FOR TUBE KIT (2 DEGREES AND 4 DEGREES)

Placed between the pylon and foot module, alignment wedges allow for plantarflexion and dorsiflexion of the foot without the use of modular components.



Part#	Cat.
CM150041	1-6
CM150042	7-9

Includes:
- Wedges
- Friction Pad
- Loctite

ATTACHMENT BOLTS FOR 30MM (1 3/16") TUBE

Part#	Cat.	Size	Length
CM130219	1-6	5/16" x 24	1 3/4"
CM130213	7-9	3/8" x 24	1 3/4"

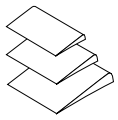
VARI-FLEX®

COMPONENTS

HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150006	22-27
CM150009	28-30

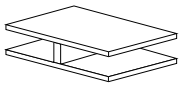


Includes:
- 3 Wedges
- Adhesive

HEEL DIVIDER

Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

Part#	Description
CM140003	Heel Divider



LOCTITE 410 BLACK

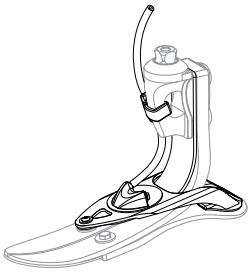
Part#	Description
CM160016	Loctite 410 black

VARI-FLEX®

FOOT KITS WITH UNITY

VARI-FLEX WITH PYRAMID AND UNITY PUMP

PART#
VFPU [ ][ ][ ][0]
- CATEGORY (1-9)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT



Includes:
- Foot Module
- Unity Pump

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

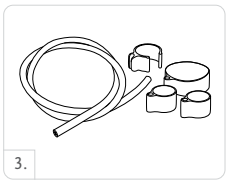
UNITY

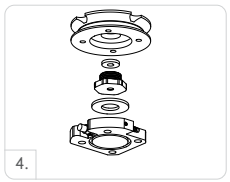
UNITY KITS

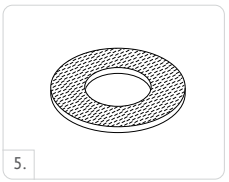
Picture	Part#	Description	Applicable Foot Kits
1	UTT0001	Unity TT Valve Kit	All
2	UTF0001	Unity TF Valve Kit	All
3	UTF0006	Unity TF Tube Kit	All
4	L-5446XX	Icelock 544 Kit Unity	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All


1.


2.

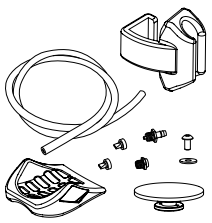

3.


4.


5.

UNITY SPARE COMPONENTS

Part#	Description
UVF00021	Unity VF Components, 22-24
UVF00022	Unity VF Components, 25-30

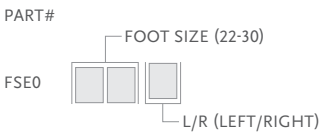


Includes:
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

VARI-FLEX®

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

*Please specify when ordering brown covers, add “BR” to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



LP VARI-FLEX®

UNITY® COMPATIBLE



The LP Vari-Flex is designed for users with long residual limbs that do not have enough clearance for the Vari-Flex.

Össur recommends using LP Vari-Flex in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with LP Vari-Flex dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166 kg (365 lbs)



FULL LENGTH TOE LEVER



SPLIT TOE



WEATHERPROOF



PROPORTIONAL RESPONSE

Foot Information	
Categories:	Size 22-24; Cat. 1-5 / Size 25-30; Cat. 1-9
Size:	22-30
Weight of Foot: (Size 27)	574 g (20.3 oz) w/ Pyramid and Foot Cover
Build Height: (Size 27)	68 mm (2 11/16") w/ Pyramid and Foot Cover
Heel Height:	10 mm (3/8")
Adapter Options:	Pyramid or Lamination Adapter

Unity System Information	
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20inHg
Added System Weight:	130 g w/ Pump, Socket Valve and Tube

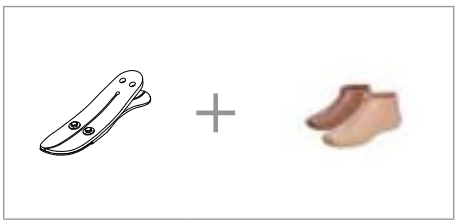
LP VARI-FLEX®

ORDERING INFORMATION

FOR COMPLETE FOOT WITH PYRAMID



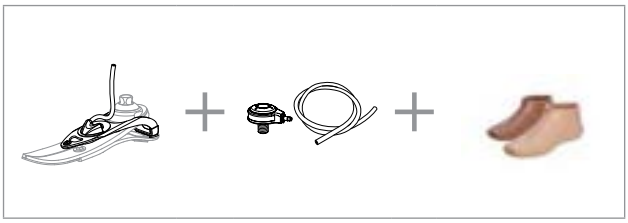
FOR COMPLETE FOOT WITHOUT ADAPTER



Unity can be ordered with LP Vari-Flex in the pyramid, standard heel height configuration. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection charts and item numbers please refer to the appropriate Iceross Seal-In page.

FOR COMPLETE FOOT WITH UNITY

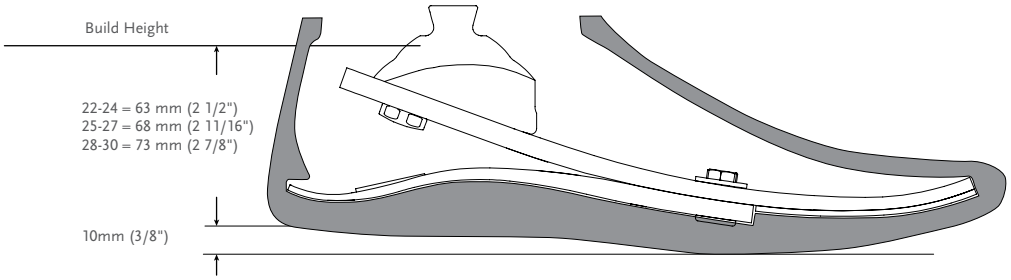


CATEGORY SELECTION CHART

User Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
User Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Level										
Size 22-24	1	1	2	3	4	5				
Size 25-27	1	1	2	3	4	5	6	7	8	9
Size 28-30	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level										
Size 22-24	1	2	3	4	5					
Size 25-27	1	2	3	4	5	6	7	8	9	
Size 28-30	1	2	3	4	5	6	7	8	9	
High Impact Level										
Size 22-24	2	3	4	5						
Size 25-27	2	3	4	5	6	7	8	9		
Size 28-30	2	3	4	5	6	7	8	9		

LP VARI-FLEX®

CLEARANCE

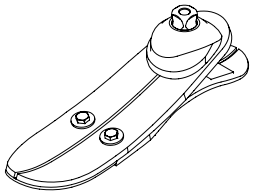


*Note: LP Vari-Flex with Unity has the same build height as LP Vari-Flex.

KITS

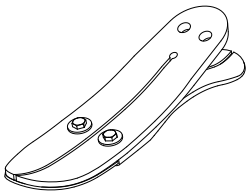
LP VARI-FLEX PYRAMID OPTION

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
VLPE [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT



LP VARI-FLEX WITHOUT ADAPTER

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
VLXE [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT



Note: 19mm (3/4'') heel are special orders.

LAMINATION ADAPTER KITS

Part#	Cat.	Size
VLX00001	1-5	22-24
VLX00002	1-6	25-30
VLX00003	7-9	25-30

Includes:
- Lamination adapter
- Bolts
- Tape sealant
- Loctite

LP VARI-FLEX®

COMPONENTS

HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150011	22-30

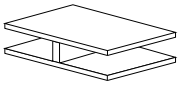


Includes:
- 3 Wedges
- Adhesive

HEEL DIVIDER

Heel dividers act to separate the edges of a split heel to reduce wear and noise between the composite elements.

Part#	Description
CM140003	Heel Divider

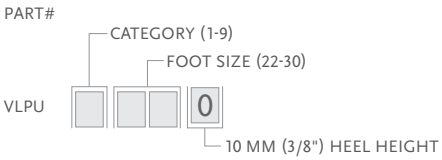


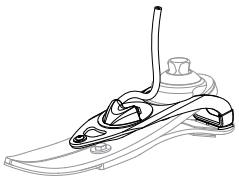
LOCTITE 410 BLACK

Part#	Description
CM160016	Loctite 410 black

FOOT KITS WITH UNITY

LP VARI-FLEX WITH PYRAMID AND UNITY PUMP





Includes:
- Foot Module
- Unity Pump

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

UNITY

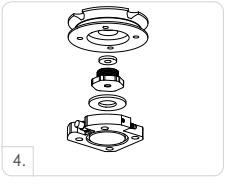
UNITY KITS

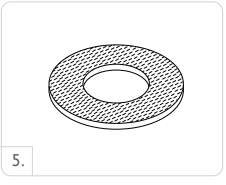
Picture	Part#	Description	Applicable Foot Kits
1	UTT0001	Unity TT Valve Kit	All
2	UTF0001	Unity TF Valve Kit	All
3	UTF0006	Unity TF Tube Kit	All
4	L-544611	Icelock 544 Kit Unity	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All











LP VARI-FLEX®

UNITY SPARE COMPONENTS

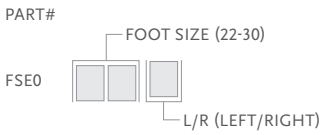
Part#	Description
UVL00021	Unity VL Components, 22-24
UVL00022	Unity VL Components, 25-30

Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black

RE-FLEX ROTATE™

UNITY® COMPATIBLE



Re-Flex Rotate is a robust, high performance foot allowing users to enjoy daily living, work and leisure with the comfort and confidence to reach their full potential.

Re-Flex Rotate fulfills the challenging requirements of active users, combining shock absorption and dynamic energy return with comfort. Featuring a sleek profile and maintenance-free design, it is designed for active users requiring high performance, comfortable everyday foot.

An integrated torsion cell reduces shear and rotary forces, protecting residual limb. Shock absorption via a titanium coil spring reduces impact to the body, while enhancing both control and comfort during walking and other activities.

Össur recommends using Re-Flex Rotate in conjunction with the sleeveless elevated vacuum suspension system Unity®, which adds minimal weight and no build height, and does not interfere with Re-Flex Rotate dynamics. Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)


ACTIVE TIBIAL PROGRESSION


VERTICAL SHOCK PYLON


ROTATION


WEATHERPROOF


FULL LENGTH TOE LEVER


SPLIT TOE


PROPORTIONAL RESPONSE

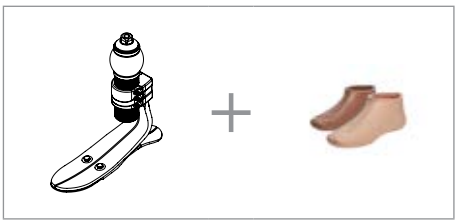
Foot Information	
Categories:	1-8
Sizes:	22-30
Weight of Foot: (Size 27)	1105g (39 oz) w/ Pyramid and Foot Cover
Build Height Standard: (Size 27)	216-265mm (8 1/2" - 10 7/16") w/ Pyramid and Foot Cover
Build Height Tall: (Size 27)	267 - 319mm (10 1/2" - 12 9/16") w/ Pyramid and Foot Cover
Heel Height:	10mm (3/8"), 19mm (3/4") available on special order
Adapter Options:	Pyramid or Pyramid Receiver

Unity System Information	
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

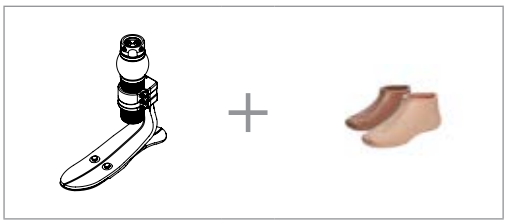
RE-FLEX ROTATE™

ORDERING INFORMATION

FOR COMPLETE FOOT WITH PYRAMID*



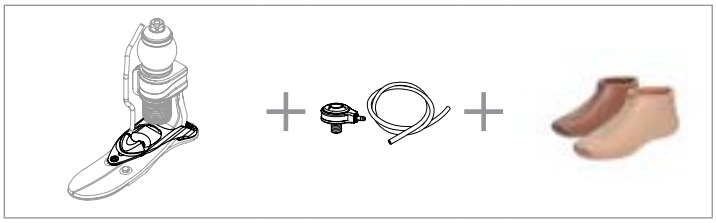
FOR COMPLETE FOOT WITH PYRAMID RECEIVER*



Unity can be ordered with Re-Flex Rotate in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY



*Foot module also available in tall profile

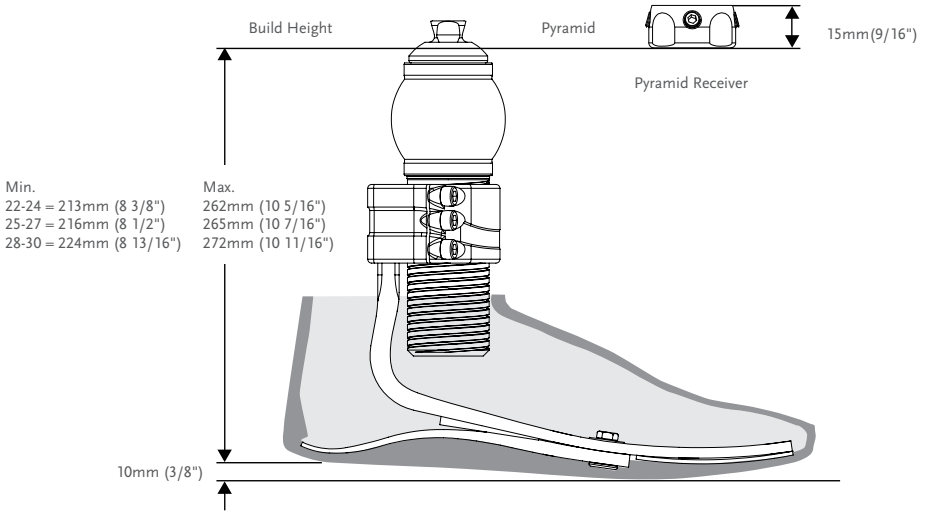
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Category									
Size 22-24	1	1	2	3	4	5	6	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8
Size 28-30	3	3	3	3	4	5	6	7	8
Moderate Impact Category									
Size 22-24	1	2	3	4	5	6	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	N/A
Size 28-30	3	3	3	4	5	6	7	8	N/A
High Impact Category									
Size 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	N/A	N/A

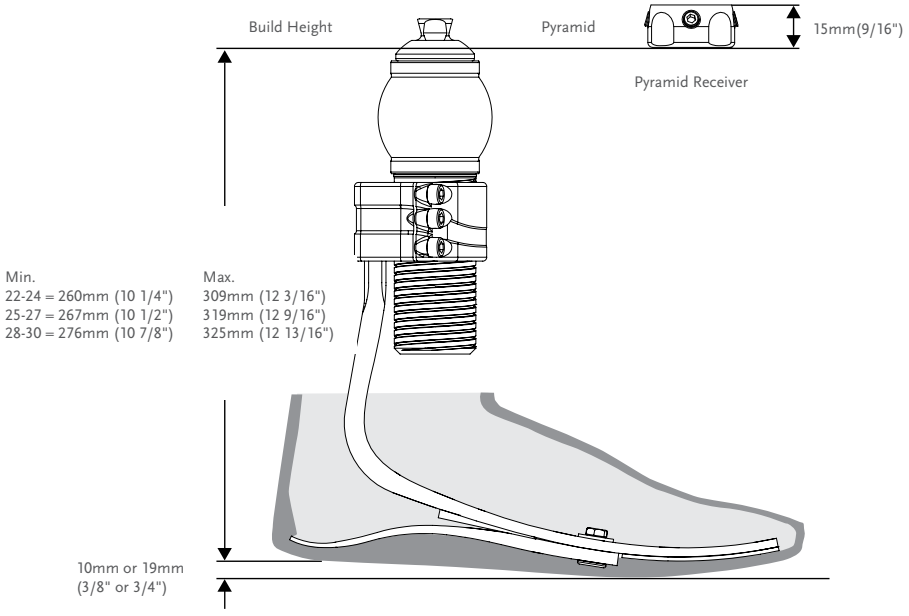
RE-FLEX ROTATE™

CLEARANCE

RE-FLEX ROTATE STANDARD FOOT MODULE



RE-FLEX ROTATE TALL FOOT MODULE



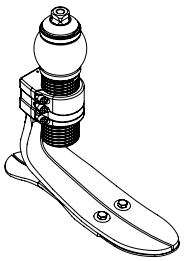
*Note: Re-Flex Rotate with Unity has the same build height as Re-Flex Rotate.

RE-FLEX ROTATE™

KITS

STANDARD PROFILE WITH SHOCK

PYRAMID ATTACHMENT

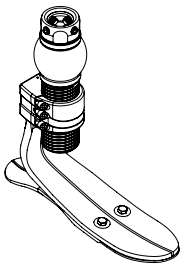


PART#

RSPE [ ][ ][ ][0]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT

PYRAMID RECEIVER ATTACHMENT



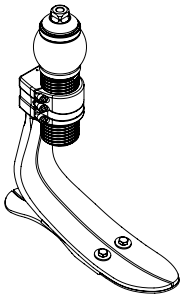
PART#

RSFE [ ][ ][ ][0]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT

TALL PROFILE WITH SHOCK

PYRAMID ATTACHMENT



PART#

RHPE [ ][ ][ ][0]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT

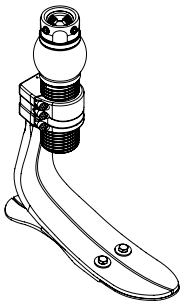
PART#

RHPE [ ][ ][ ][2]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 19 MM (3/4") HEEL HEIGHT

Note: 19mm (3/4'') heel are special orders.

PYRAMID RECEIVER ATTACHMENT



PART#

RHFE [ ][ ][ ][0]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT

PART#

RHFE [ ][ ][ ][2]

- CATEGORY (1-8)
- FOOT SIZE (22-30)
- 19 MM (3/4") HEEL HEIGHT

Includes:

- Foot Module
- Shock Kit
- Heel Wedges

Shock Kit Includes:

- Pyramid/Pyramid Receiver Shock Module
- Loctite (Pyramid Receiver)

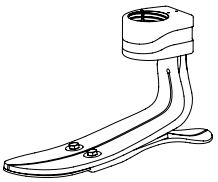
Note:
- 19mm (3/4'') heel are special orders.
- Solid toe is a special order.

RE-FLEX ROTATE™

KITS

STANDARD PROFILE WITHOUT SHOCK

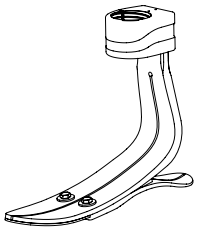
PART#
CATEGORY (1-8)
FOOT SIZE (22-30)
RSXE [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT



Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.

TALL PROFILE WITHOUT SHOCK

PART#
CATEGORY (1-8)
FOOT SIZE (22-30)
RHXE [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT



PART#
CATEGORY (1-8)
FOOT SIZE (22-30)
RHXE [ ][ ][ ][2]
19 MM (3/4") HEEL HEIGHT

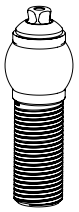
Includes:
- Foot Module

Note:
- 19mm (3/4") heel are special orders.
- Solid toe is a special order.

SHOCK KITS

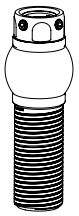
ROTATE PYRAMID SHOCK KIT

PART#
CATEGORY (1-8)
RRP0 [ ][0]



ROTATE PYRAMID RECEIVER SHOCK KIT

PART#
CATEGORY (1-8)
RRF0 [ ][0]



RE-FLEX ROTATE™

COMPONENTS

HEEL WEDGE KITS

Tall and Standard Profile Foot Module	Foot Size	Cat.
CM150011	22-30	ALL



Includes:
- 3 Wedges
- Adhesive

Part#	Description
CM160025	Loctite 243

ATTACHMENT CLAMP SCREW

Part#	Description
CM130140	M6 16MM Attachment Clamp Screw

TOOLS

TORQUE WRENCH

Part#	Description
FFC7980001	Torque Wrench 3Nm Preset

FOOT KITS WITH UNITY

RE-FLEX ROTATE™ STANDARD PROFILE

PYRAMID ATTACHMENT WITH UNITY PUMP

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RSPU □□□ 0



RE-FLEX ROTATE™ STANDARD PROFILE

PYRAMID RECEIVER ATTACHMENT WITH UNITY PUMP

PART#

CATEGORY (1-8)

FOOT SIZE (22-30)

RSFU □□□ 0



Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

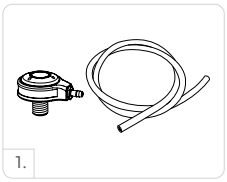
Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

RE-FLEX ROTATE™

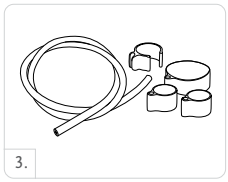
UNITY

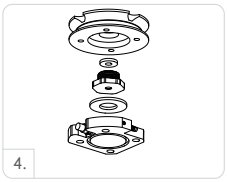
UNITY KITS

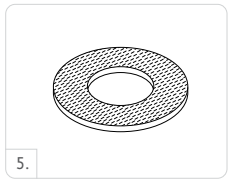
Picture	Part#	Description	Applicable Foot Kits
1	UTT0001	Unity TT Valve Kit	All
2	UTF0001	Unity TF Valve Kit	All
3	UTF0006	Unity TF Tube Kit	All
4	L-544611	Icelock 544 Kit	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All


1.


2.


3.


4.


5.

UNITY SPARE COMPONENTS

Part#	Description
URS00021	Unity RS Components, 22-24
URS00022	Unity RS Components, 25-30

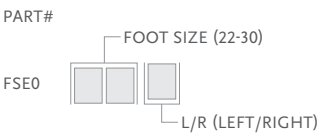


Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover
- Spectra Sock
- Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

RE-FLEX ROTATE™

COSMETIC FINISHING

SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



RE-FLEX SHOCK™

UNITY® COMPATIBLE



Re-Flex Shock offers the best vertical shock absorption of all the Össur mechanical feet. With dynamic energy return and all around responsiveness the foot is a great choice for active users.

The composite spring in front provides shock absorption that reduces impact subjected to the body. Enhancing both control and comfort during walking and other activities.

Össur recommends using Re-Flex Shock in conjunction with the sleeveless elevated vacuum suspension system®, which adds minimal weight and no build height, and does not interfere with Re-Flex Shock dynamics. Unity Unity is designed to provide secure suspension in combination with Iceross Seal-In® technology, while stabilising volume fluctuations and maintaining comfortable socket fit throughout the day.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)



WEATHERPROOF



ACTIVE TIBIAL PROGRESSION



VERTICAL SHOCK PYLON



SPLIT TOE



FULL LENGTH TOE LEVER



PROPORTIONAL RESPONSE

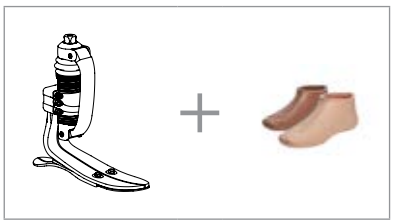
Foot Information	
Categories:	1-9
Sizes:	22-30
Weight of Foot: (Size 27)	1076g (38 oz) w/ foot cover and sock
Build Height Standard: (Size 27)	210-238mm (8 1/4" - 9 3/8") w/ Foot Cover and Pyramid
Build Height Tall: (Size 27)	255-288mm (10 1/16" - 11 5/16") w/ Foot Cover and Pyramid
Heel Height:	10mm (3/8"), 19mm (3/4") available on special order
Adapter:	Pyramid

Unity System Information	
Maximum Vacuum:	23inHg (600mmHg)
Normal Operating Pressure:	-16inHg to -20inHg
Added System Weight:	130g w/ Pump, Socket Valve and Tube

RE-FLEX SHOCK™

ORDERING INFORMATION

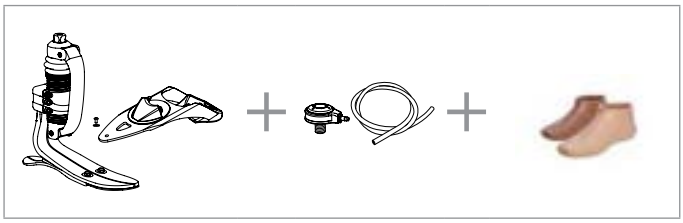
FOR COMPLETE FOOT*



Unity can be ordered with Re-Flex Shock in the standard foot module height. Please select the appropriate Unity Pump Module kit according to foot module size when placing an order and Unity will come preassembled on the foot. For extra convenience and system compatibility, Unity Valve Kits are highly recommended as a means of connecting to the socket.

For liner selection and item numbers please refer to Iceross Seal-In V and Seal-In® X TF pages.

FOR COMPLETE FOOT WITH UNITY



*Foot module also available in tall profile

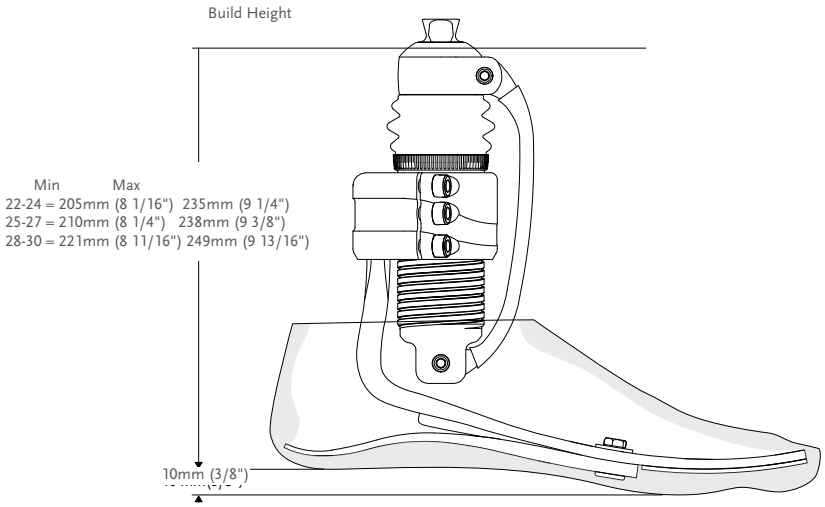
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148 - 166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-366
Low Impact Category										
Size 22-24	1	1	2	3	4	5	6	N/A	N/A	N/A
Size 25-27	1	1	2	3	4	5	6	7	8	9
Size 28-30	3	3	3	3	4	5	6	7	8	9
Moderate Impact Category										
Size 22-24	1	2	3	4	5	6	N/A	N/A	N/A	N/A
Size 25-27	1	2	3	4	5	6	7	8	9	N/A
Size 28-30	3	3	3	4	5	6	7	8	9	N/A
High Impact Category										
Size 22-24	2	3	4	5	6	N/A	N/A	N/A	N/A	N/A
Size 25-27	2	3	4	5	6	7	8	9	N/A	N/A
Size 28-30	3	3	4	5	6	7	8	9	N/A	N/A

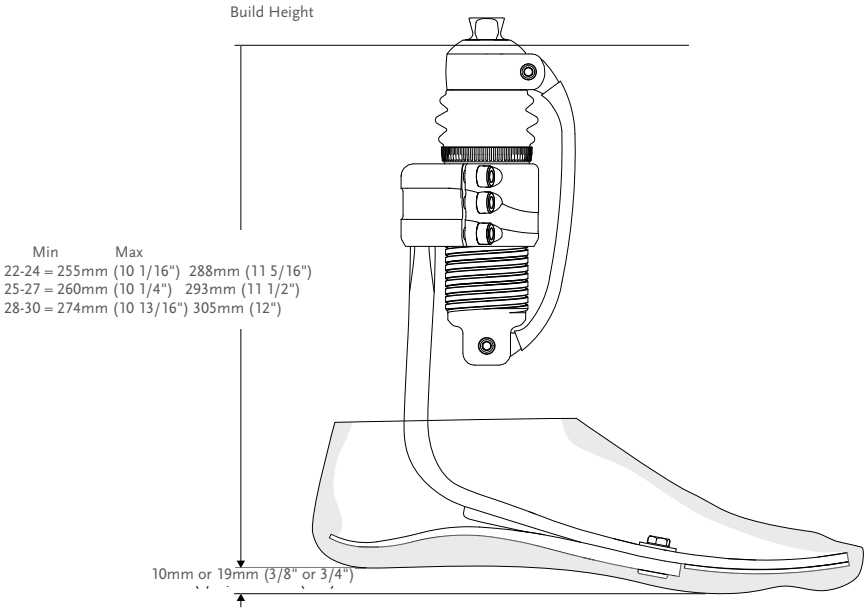
RE-FLEX SHOCK™

CLEARANCE

RE-FLEX SHOCK STANDARD FOOT MODULE



RE-FLEX SHOCK TALL FOOT MODULE



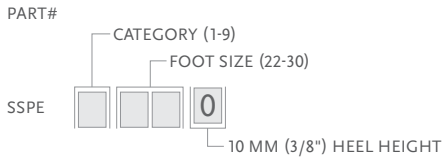
*Note: Re-Flex Shock with Unity has the same build height as Re-Flex Shock.

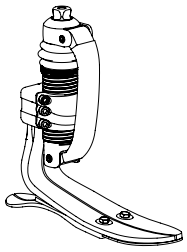
RE-FLEX SHOCK™

KITS

STANDARD PROFILE WITH SHOCK

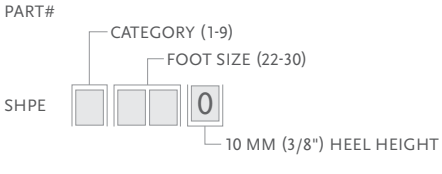
PYRAMID ATTACHMENT

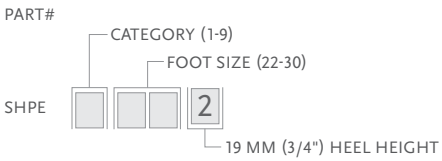


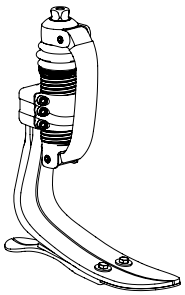


TALL PROFILE WITH SHOCK

PYRAMID ATTACHMENT







Includes:

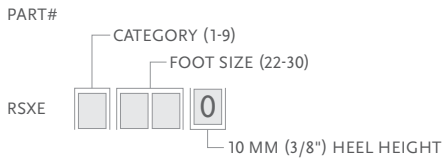
- Foot Module
- Shock Module with Carbon Front Spring
- Heel Wedges

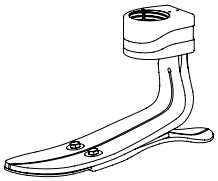
Shock Kit Includes:

- Pyramid Shock Module
- Loctite

Note:
- 19mm (3/4'') heel are special orders.
- Solid toe is a special order.

STANDARD PROFILE WITHOUT SHOCK





Note: 19mm heel height for standard profile, foot size 25-30, available upon special order.

RE-FLEX SHOCK™

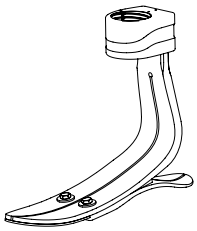
KITS

TALL PROFILE WITHOUT SHOCK

PART#

RHXE [ ][ ][ ][0]

- CATEGORY (1-9)
- FOOT SIZE (22-30)
- 10 MM (3/8") HEEL HEIGHT



PART#

RHXE [ ][ ][ ][2]

- CATEGORY (1-9)
- FOOT SIZE (22-30)
- 19 MM (3/4") HEEL HEIGHT

Includes:
- Foot Module

Note:
- 19mm (3/4'') heel are special orders.
- Solid toe is a special order.

SHOCK KITS

PYRAMID SHOCK KIT

PART#

RSP0 [ ][0]

- CATEGORY (1-9)



COMPONENTS

HEEL WEDGE KITS

Tall and Standard Profile Foot Module	Foot Size	Cat.
CM150011	22-30	ALL



Includes:
- 3 Wedges
- Adhesive

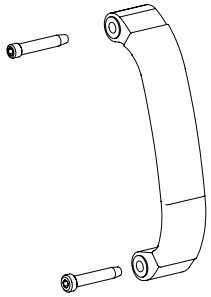
Part#	Description
CM160025	Loctite 243

RE-FLEX SHOCK™

COMPONENTS

FRONT SPRINGS

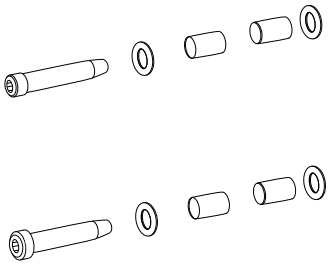
Part#	Cat.
RSS44001	1
RSS44002	2
RSS44003	3
RSS44004	4
RSS44005	5
RSS44006	6
RSS44007	7
RSS44008	8



Includes:
- Front Spring
- 2 Pins

BUSHING KIT

Part#	Description
RSS00001	Bushing Kit



Includes:
- 4 Bushings
- 4 Disc Springs
- 2 Pins

LOWER RING

Part#	Description
RSS40011	Re-Flex Shock Bellow
RSS40012	Re-Flex Shock Collar

TOOLS

TORQUE WRENCH

Part#	Description
FFC7980001	Torque Wrench 3Nm Preset

RE-FLEX SHOCK™

FOOT KITS WITH UNITY

RE-FLEX SHOCK™ STANDARD PROFILE WITH UNITY PUMP

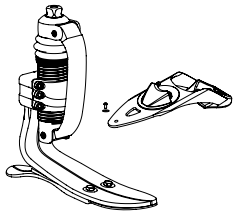
PYRAMID ATTACHMENT

PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

SSPU [ ][ ][ ] 0



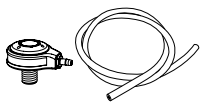
Caution: Due to restricted space with the Re-Flex Shock shock module and Unity, SSPE* kits allow for only 2 full turns of downwards adjustment from the tallest setting. Re-Flex Rotate modules can be set to any height within their designed limits.

Note: Unity pump will come preassembled on the foot. Valve kit needs to be ordered separately.

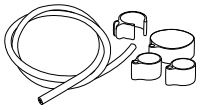
UNITY

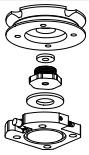
UNITY KITS

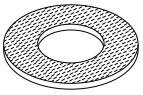
Picture	Part#	Description	Applicable Foot Kits
1	UTT0001	Unity TT Valve Kit	All
2	UTF0001	Unity TF Valve Kit	All
3	UTF0006	Unity TF Tube Kit	All
4	L-544611	Icelock 544 Kit	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All


1.


2.


3.

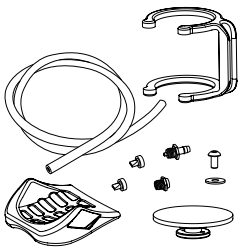

4.


5.

RE-FLEX SHOCK™

UNITY SPARE COMPONENTS

Part#	Description
URS00021	Unity RS Components, 22-24
URS00022	Unity RS Components, 25-30

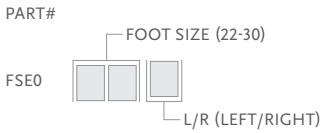


Includes:

- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:

- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

SPECTRA SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



TORSION SHOCK ADAPTER



The Torsion Shock Adapter has shock absorption and rotational functions that reduce rotary and shear forces on the residual limb. It may be used as a part of a prosthesis during daily-living activites as needed.



User Information	
Amputation Level:	Lower Limb
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)
Weight of the Adapter:	415g (14.6oz)
Build height of the Adapter:	67-93mm (depending on connecting adapter)



WATERPROOF

ORDERING INFORMATION

SIZE SELECTION TABLE

Weight (kg)	45-77	78-88	89-100	101-116	117-130	131-147
Weight (lbs)	97-170	171-194	195-220	221-256	257-287	288-324
Low Impact Level	TSA50001	TSA50001	TSA50001	TSA50002	TSA50003	TSA50003
Moderate Impact Level	TSA50001	TSA50001	TSA50002	TSA50003	TSA50003	N/A
High Impact Level	TSA50001	TSA50002	TSA50003	TSA50003	N/A	N/A

COMPONENTS

Össur recommends using the Torsion Shock Adapter with M36 adapters by Össur. For reference see compatible adapters below.

COMPATIBLE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1.	A-114030	3- Prong Socket Adapter	Stainless Steel	166kg	365lbs	124g	4.4oz
2.	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	4oz
3.	A-124300	Euro 4-Hole Adapter	Stainless Steel	166kg	365lbs	97g	3.4oz
4.	A-834300	Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
4.	A-835300	Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
5.	A-845300	Pyramid Receiver Adapter	Titanium	166kg	365lbs	85g	3oz


1.


2.


3.


4.


5.

CHEETAH® XPLORE

Cheetah Xplore is a crossover foot prosthesis inspired by the original Cheetah design. Although primarily designed for everyday use, Cheetah Xplore allows the user to engage in various sports and activities. The foot combines high energy return and dynamic push-off with increased balance and stability when compare to standard energy storing feet, supporting amputees with an active lifestyle.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	147kg (324lbs)

FULL LENGTH TOE LEVER

ACTIVE TIBIAL PROGRESSION

WATERPROOF

SPLIT TOE

PROPORTIONAL RESPONSE

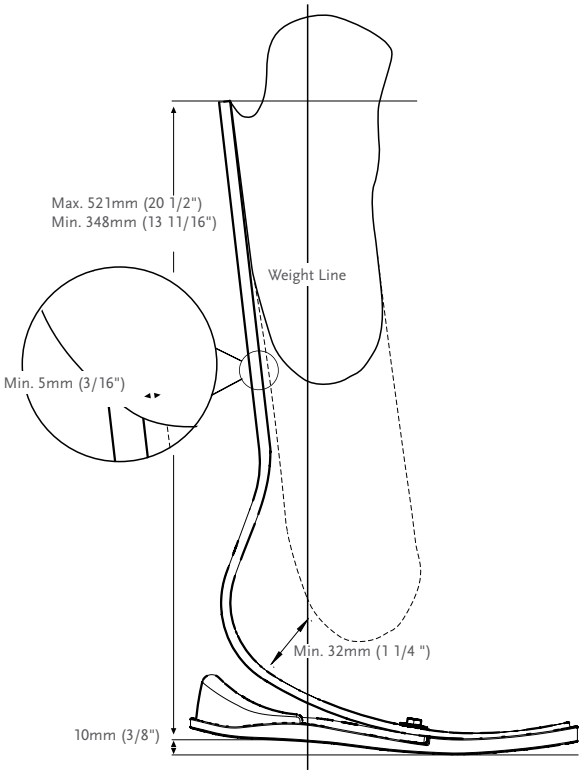
Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot (Cat. 5):	646g (22.8oz)
Build Height:	Max. height of the posterior brim: 521mm (20 1/2") Min. height of the posterior brim: 348mm (13 11/16") Min. clearance from the socket to the foot: 32mm (1 1/4")
Adapter Options:	Lamination Connector

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-324
Moderate Impact Level	1	2	3	4	5	6	7	8	9
High Impact Level	2	3	4	5	6	7	8	9	N/A

CHEETAH® XPLORE

CLEARANCE WITH DIRECT LAMINATION



KITS

CHEETAH XPLORE KIT*

PART#
CATEGORY (1-9)
FSX009



Includes:

- Foot Module
- Foam Heel Counter
- Foam Sole
- +Pluseries Adhesives 215 ml - Composite 1 Minute

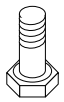
*Cheetah Xplore comes with +Pluseries composite 1 minute adhesive. The +Pluseries adhesive dispenser needs to be ordered separately.
The Lamination connector may also be ordered separately with Cheetah Xplore.

CHEETAH® XPLORE

KITS

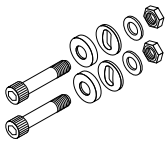
ATTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130218	Attachment Bolt for Lamination Connector	5/16"-24 x 1 1/2"	1-6
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	7-9



HARDWARE KIT FOR T CONNECTORS

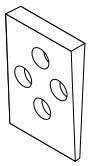
Part#	Length		Weight		Size	Cat.
CM100054	8mm	5/16"	108g	3.8oz	x 2-1/2"	1-6
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	7-9



Includes:
- Bolts
- Nuts
- Spherical Washer
- Flat Washer

ALIGNMENT WEDGES

Part#	Description	Cat.
CM140502	Alignment Wedges 2°	ALL
CM140505	Alignment Wedges 4°	ALL
CM140508	Alignment Wedges 6°	ALL
CM140511	Alignment Wedges 8°	ALL



HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150011	22-30



Includes:
- 3 Wedges
- Adhesive

LAMINATION CONNECTOR KIT

Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

CHEETAH® XPLORE

TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 215 ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 215 ml - Composite 1 Minute
FSX80017	+Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles



COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*



PART#
FSE0 — FOOT SIZE (26-30) — L/R (LEFT/RIGHT)

Includes:
- Foot Cover
- Flex-Foot Sock
- Foot Cover Attachment

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

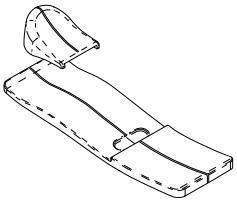
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



FOAM HEEL COUNTER AND SOLE

Part#
FSX60001



Includes:
- Foam Heel Counter
- Foam Sole

FLEX-SYMES™



Extremely low build height with a Carbon-X® Active Heel and alignment options.

The Flex-Symes foot design is a carbon foot module connected to an actively deflecting carbon heel. The improved alignment adapter now offers angulation and adjustments in ML / AP planes.

Flex-Symes is specifically designed for people with Symes and Pirogoff or long transtibial amputations.



User Information	
Amputation Level:	Ankle Disarticulation
Impact Level:	Low to High
Maximum Patient Weight:	166kg (365lbs)


FULL LENGTH TOE LEVER


SPLIT TOE

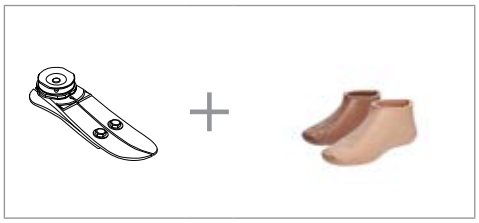

WEATHERPROOF


PROPORTIONAL RESPONSE

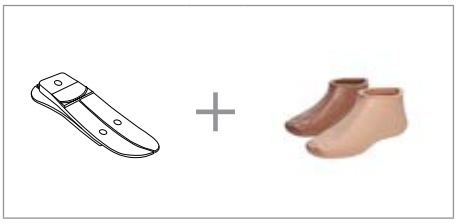
Foot Information	
Categories:	Size 22-24; Cat. 1-6 / Size 27-30; Cat. 1-9
Sizes:	22-30
Weight of Foot: (Size 27)	528 g (18.6 oz) w/ Foot Cover
Build Height: (Size 27)	60mm (2 3/8") w/ Foot Cover
Heel Height:	10mm (3/8")
Adapter Options:	Direct Lamination Adapter

ORDERING INFORMATION

FOR COMPLETE FOOT WITH SOCKET ADAPTER



FOR COMPLETE FOOT WITHOUT ADAPTER

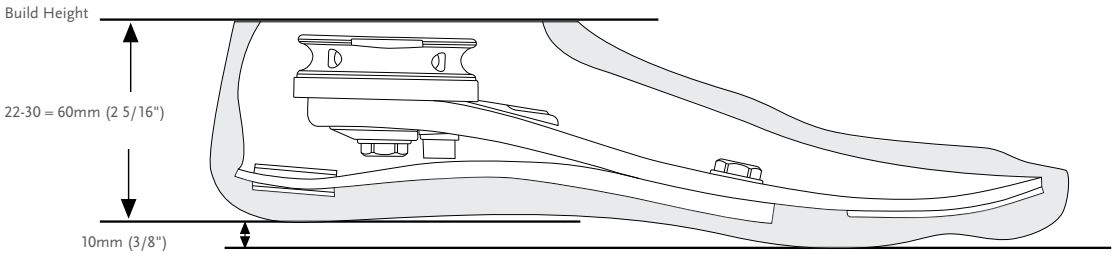


CATEGORY SELECTION CHART

User Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
User Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324	325-365
Low Impact Level										
Size 22-24	1	1	2	3	4	5	6			
Size 25-27	1	1	2	3	4	5	6	7	8	9
Size 28-30	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level										
Size 22-24	1	2	3	4	5	6				
Size 25-27	1	2	3	4	5	6	7	8	9	
Size 28-30	1	2	3	4	5	6	7	8	9	
High Impact Level										
Size 22-24	2	3	4	5	6					
Size 25-27	2	3	4	5	6	7	8	9		
Size 28-30	2	3	4	5	6	7	8	9		

FLEX-SYMES™

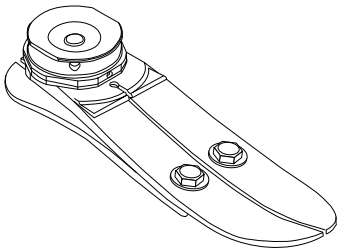
CLEARANCE



KITS

FLEX-SYMES WITH SOCKET ADAPTER

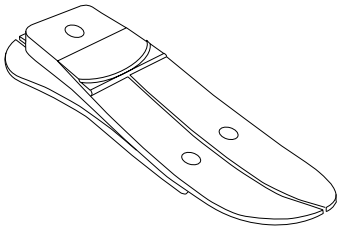
PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
SLP0 [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT



Includes:
- Carbon foot module with heel
- 2 Circular alignment wedges
- 2 Alignment pins
- 1 Anti-rotation bolt
- Washer
- Loctite 410
- Epoxy potting
- Socket adapter

FLEX-SYMES WITHOUT ADAPTER

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
SLX0 [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT

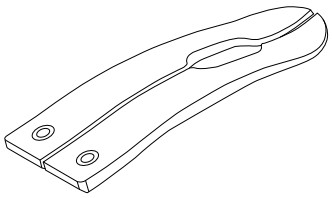


Includes:
- Carbon foot module with heel

COMPONENTS

HEEL MODULE

PART#
CATEGORY (1-9)
FOOT SIZE (22-30)
SLX2 [ ][ ][ ][0]
10 MM (3/8") HEEL HEIGHT

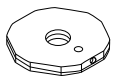


FLEX-SYMES™

COMPONENTS

ALIGNMENT DISC KIT

Part#	Foot Size	Cat.
SLP30001	22-24	1-6
SLP30002	25-27	1-6
SLP30003	28-30	1-6
SLP30004	25-27	7-9
SLP30005	28-30	7-9



Includes:
- 2 Circular alignment wedges
- 2 Alignment pins
- 1 Anti rotation bolt
- Washer
- Loctite 410

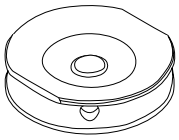
LAMINATION KIT

Part#	Foot Size	Cat.
SLP30011	22-24	1-6
SLP30012	25-27	1-6
SLP30013	28-30	1-6
SLP30014	25-27	7-9
SLP30015	28-30	7-9

Includes:
- Socket adapter with insert
- Epoxy potting

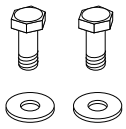
SOCKET ADAPTER WITH INSERT

Part#	Cat.	Foot Size
SLX50001	1-6	22-24
SLX50002	1-6	25-27
SLX50003	1-6	28-30
SLX50004	7-9	25-27
SLX50005	7-9	28-30



HEEL FASTENER HARDWARE KIT

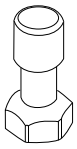
Part#	Length		Size		Cat.
CM150004	18mm	11/16"	6mm	1/4"	1-6
CM150005	18mm	11/16"	8mm	5/16"	7-9



Includes:
- Bolt
- Washer

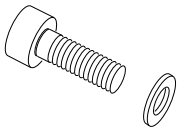
CENTRAL BOLTS

Part#	Foot Size	Bolt Size	Cat.
SLX30021	22-27	M12	1-6
SLX30022	25-27	M14	7-9
SLX30022	28-30	M14	1-6
SLX30023	28-30	M16	7-9



ANTI-ROTATION BOLT KIT

Part#	Foot Size	Bolt Size
SLX30005	22-27	M6
SLX30007	28-30	M8



Includes:
- Bolt
- Washer

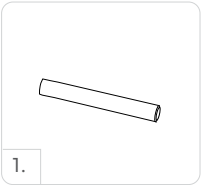
HEEL WEDGE KIT

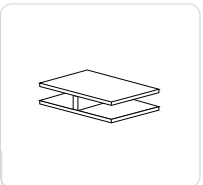
Part#	Foot Size	Cat.
CM150011	22-30	1-9



Includes:
- 3 Wedges
- Adhesive

Picture	Part#	Description
1.	SLX30006	Alignment Pin
2.	CM140003	Heel Divider
	CM160009	Potting Epoxy

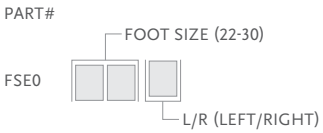




FLEX-SYMES™

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover*
- Attachment Plate
- Flex Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size	Color
FSEL60001	Black Sock Small 1 pc	22-25	Black
FSEL60002	Black Sock Large 1 pc	26-30	Black
FSEL60001-15	Black Sock Small 15 pc	22-25	Black
FSEL60002-15	Black Sock Large 15 pc	26-30	Black



CHOPART



This 100% carbon keel is designed to be a flexible and durable solution for the longest amputation levels and partial foot prostheses.

Includes a 10mm heel height for compatibility with standard Flex-Foot shells and low-heel shoes.

Chopart is specifically designed for people with chopart amputations as well as lisfranc, pirogoff, boyd and partial foot prostheses.



User Information	
Amputation Level:	Transtibial Amputees Lisfranc, Pirogoff, Boyd and Partial Foot Amputees
Impact Level:	Low to High
Maximum Patient Weight:	147kg (324lbs)

Foot Information	
Categories:	1-8
Sizes:	22-30
Weight of Foot: (Size 27)	94g (3.3oz)
Build Height: (Size 27)	6mm (1/4")



FULL LENGTH TOE LEVER



WATERPROOF



PROPORTIONAL RESPONSE

ORDERING INFORMATION

FOR COMPLETE FOOT



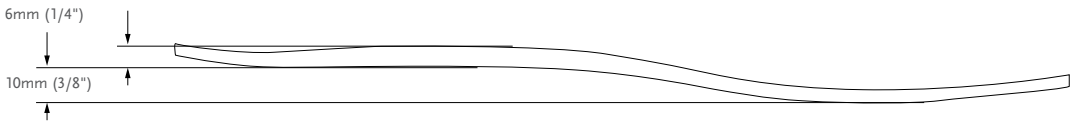
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-324
Low Impact Level	1	1	2	3	4	5	6	7	8
Moderate Impact Level	1	2	3	4	5	6	7	8	Special Order
High Impact Level	2	3	4	5	6	7	8	Special Order	Special Order

Chopart foot plates are a standard order in the following sizes and categories:
Sizes 22-24 in categories 1-5
Sizes 25-26 in categories 2-6
Sizes 27-28 in categories 3-7
Sizes 29-30 in categories 4-8
For information on special or custom orders, please contact your local Össur representative.

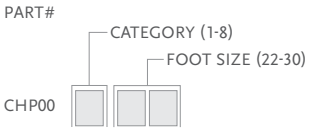
CHOPART

CLEARANCE



COMPONENTS

COMPLETE FABRICATION KIT

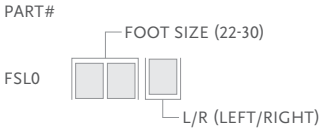




Includes:
- Carbon Fiber Foot Plate
- Carbon Fiber cloth
- Epoxy
- Crepe soling material

COSMETIC FINISHING

FOOT COVER KIT, BEIGE AND BROWN*





Includes:
- Foot Cover Kit
- Foot Cover Attachment
- Flex-Foot Sock

*Please specify when ordering brown covers, add "BR" to the end of the part number.

FLEX-FOOT SOCKS

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.



Part#	Description	Size	Color
FCX63022	FF Sock Small 1 pc	22-25	Black
FCX63025	FF Sock Large 1 pc	26-30	Black
FCX63022-15	FF Sock Small 15 pcs	22-25	Black
FCX63026-15	FF Sock Large 15 pcs	26-30	Black

CHOPART ACCESSORIES

SHOE HORN

Especially designed for Flex-Foot feet, this shoe horn makes donning and doffing foot shells fast and easy.

Part#	Description
CM100068	Shoe Horn



DUAL DENSITY SHIN FAIRING

The Dual Density Shin Fairing allows the range of motion in the ankle section to be maximized without compromising the integrity of the foam where it is attached to the foot cover.

Part#	Size
fcx0002	One Size

Includes:
- Flexible section at ankle
- Fire retardant



SINGLE DENSITY SHIN FAIRING BLOCK

Part#	Size
C-860977	One Size

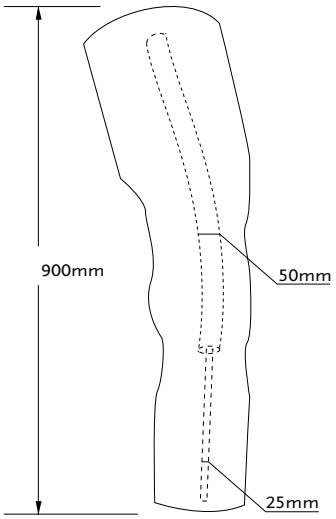
Includes:
- Closed Cell Polyethylene Foam (25g)
- Fire retardant



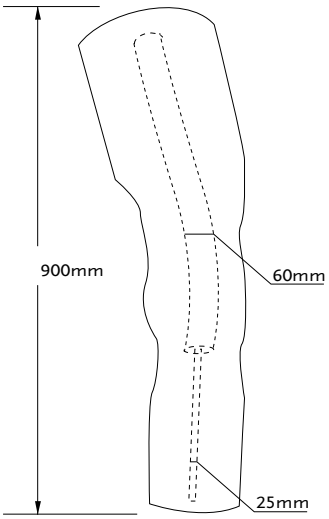
CONTINUOUS COSMETIC FOAM

Part#	Bore Size
C-880877	50-25
C-880878	60-25
C-880879	80-25

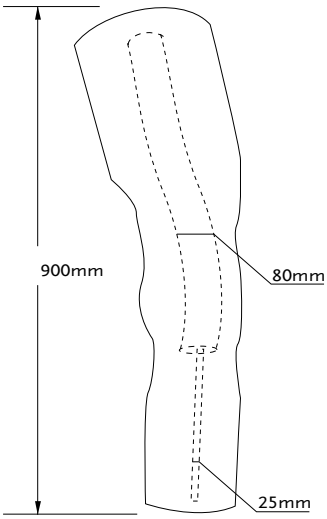
- Designed to fit left or right
- Open Cell Polyethylene foam (60g)
- Fire retardant



Part# C-880877



Part# C-880878

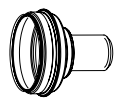


Part# C-880879

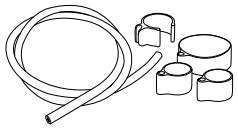
UNITY® SPARE PARTS

VALVE CORE

Picture	Part#	Description
1	UTT0005	Unity TT Valve Core
2	UTF0006	Unity Tube Kit for TF



1.



2.

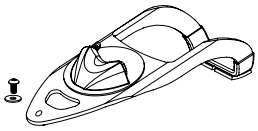
PUMPS

PROPRIO FOOT PUMPS

Part#	Description
UPR00012	Unity PR Spare Pump 25-27
UPR00013	Unity PR Spare Pump 28-30

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

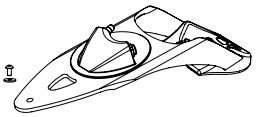


RE-FLEX PUMPS

Part#	Description
URS00011	Unity RS Spare Pump 22-24
URS00012	Unity RS Spare Pump 25-27
URS00013	Unity RS Spare Pump 28-30

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

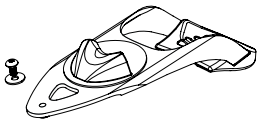


VARI-FLEX PUMPS

Part#	Description
UVF00011	Unity VF Spare Pump 22-24
UVF00012	Unity VF Spare Pump 25-27
UVF00013	Unity VF Spare Pump 28-30

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad

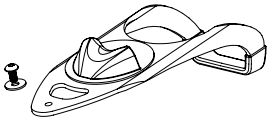


LP VARI-FLEX PUMPS

Part#	Description
UVL00011	Unity VL Spare Pump 22-24
UVL00012	Unity VL Spare Pump 25-27
UVL00013	Unity VL Spare Pump 28-30

Includes:

- Frame
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad



ÖSSUR SPORT SOLUTIONS



CHEETAH KNEE



CHEETAH XCEED
WITH NIKE SOLE



FLEX-RUN



CHEETAH XCEL



CHEETAH XTREME



CHEETAH XTEND



CHEETAH XPANSE



FLEX-FOOT CHEETAH

CHEETAH® KNEE

UNITY® COMPATIBLE



The Cheetah Knee is a lightweight polycentric knee with 3-phase hydraulic swing control, specifically designed for rapid flexion and extension for running and sprinting. The polycentric design offers good stability in stance, allowing for controlled deceleration enabling users to participate in a wide range of sports activities. Although not specifically designed for walking, Cheetah Knee's 4-bar geometry makes it possible to walk and easily transition from walking to jogging and/or running.



- Polycentric knee, designed for high activity such as jogging, running and sprinting
- 4-bar geometry for increased stability in stance
- Hydraulic swing control to support rapid flexion and extension
- Soft extension bumper
- Short knee center to top distance, useful for long transfemoral limbs or knee disarticulation
- Pyramid distal connection for easy alignment

Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Moderate to Extreme
Maximum Patient Weight:	100 kg (220 lbs)

Product Information:	
Build Height:	108mm (4.3")
Weight of Knee:	0.62 kg (1.37 lbs)
Flexion:	110°

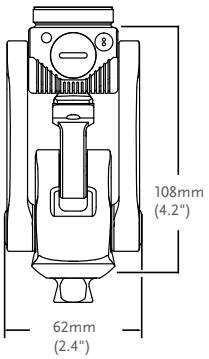

MULTI AXIS

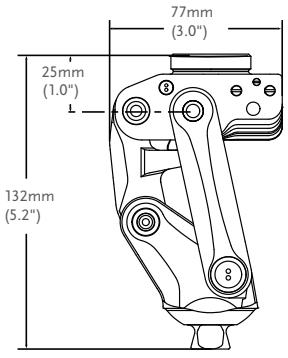

HYDRAULIC CONTROL


MULTI SPEED


SOCKET CONNECTOR ADAPTATION

CLEARANCE





KITS

Part#	Description
CKN10000	Cheetah Knee

CHEETAH® KNEE

COMPONENTS

TOTAL KNEE ADAPTERS

Picture	Part#	Description	Material	Weight Limit		Weight	
1.	A-114040	4- Prong Socket Adapter	Stainless Steel	166kg	365lbs	158g	4oz
2.	A-124300	Euro 4-Hole Adapter	Stainless Steel	166kg	365lbs	97g	3.4oz
3.	A-834300	Pyramid Adapter	Stainless Steel	100kg	220lbs	111g	3.9oz
3.	A-835300	Pyramid Adapter	Titanium	166kg	365lbs	80g	2.8oz
4.	A-845300	Pyramid Receiver Adapter	Titanium	166kg	365lbs	85g	3oz


1.


2.


3.


4.

CHEETAH® XPANSE

Cheetah Xpanse features a large carbon blade designed to withstand the forces that are set free during high endurance sports such as long jumping. The dynamic shape allows the foot to flex aggressively for a more powerful energy return. A long toe offers an increased ground contact time before push-off, while the plantar-flexed pylon handles forward progression.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	116kg (256lbs)

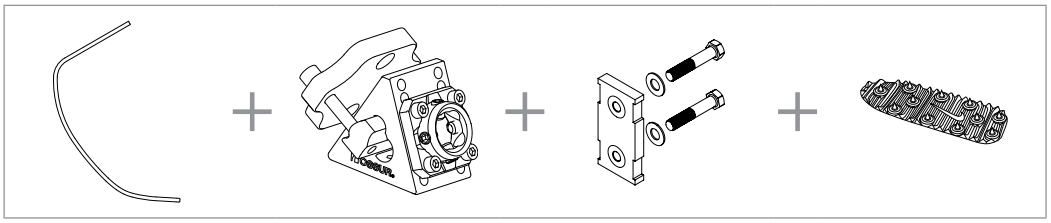
WATERPROOF

Foot information	
Categories:	1-7
Sizes:	Two Sizes Per Category
Weight of Foot:	Size Large - 1250 g (2.76lb) Size small - 830 g (1.83lb)
Max Build Height:	Size Large - 576mm Size small - 466 mm
Min Build Height:	Size Large - 481 mm Size small - 379 mm
Adapter Options:	Lamination Connector

Note: Build height is from bottom of foot to top of lamination connector.

ORDERING INFORMATION

FOR COMPLETE CHEETAH XPANSE KIT



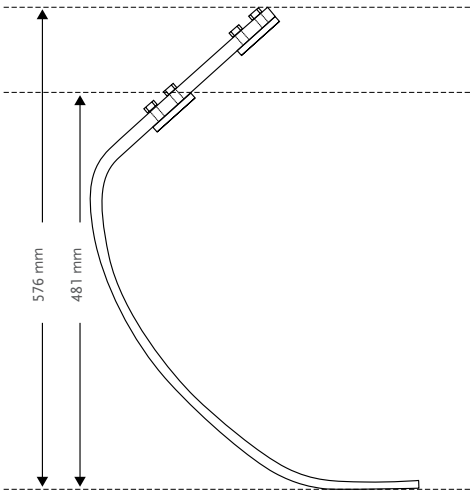
CATEGORY SELECTION CHART

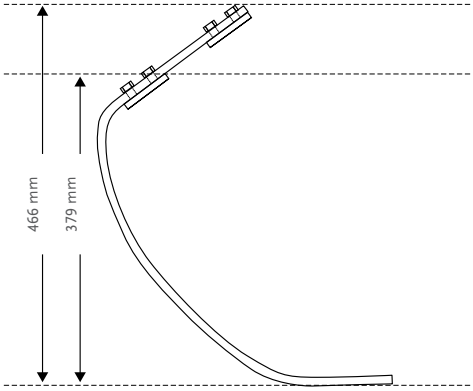
Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116
Weight lbS	97-115	116-130	131-150	151-170	171-194	195-220	221-256
Extreme Impact Level	1	2	3	4	5	6	7

CHEETAH® XPANSE

CLEARANCE

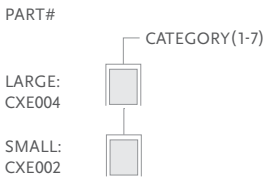
WITH LAMINATION CONNECTOR





KITS

CHEETAH XPANSE KIT





Includes:
- Foot module

Note: Sole to be ordered separately.

NIKE SPIKE PAD KIT

Part#	Description	Cat.
NSS50021	Nike Spike Pad 2.0*	1-9



Includes:
- 7mm (9/32") Pyramid Spikes
- Wrench

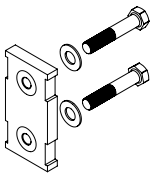
Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

CHEETAH® XPANSE

KITS

LAMINATION CONNECTOR KIT

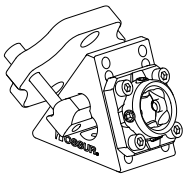
Part#	Description	Cat.
FSX50009	Lamination Connector	1-9



Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

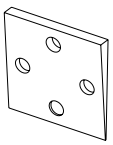
ALIGNMENT ADAPTERS XPANSE KIT

Part#	Description	Cat.
CXE50001	Alignment Adapter Xpanse Kit	1-6



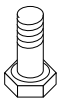
ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



ATTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9
CM130251	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/10"	1-9
CM130252	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/5"	1-9



CHEETAH® XCEL

Cheetah Xcel is the next generation short sprinting foot from Össur that is specifically designed for explosive short-distance sprints. The carbon blade features a more extreme curve and the dynamic shape allows for the foot to flex and give a powerful energy kick. A long toe enhances the push-off, while the plantar-flexed pylon handles forward progression.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme, High
Maximum Patient Weight:	45kg - 147kg

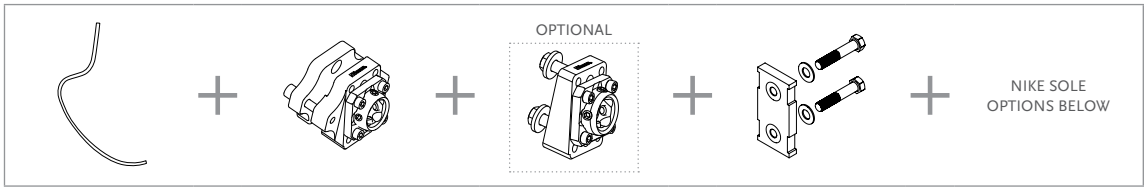
WATERPROOF

Foot information	
Categories:	1-9
Sizes:	Two Sizes Per Category
Weight of Foot:	Size Large - 980 g / 2.16lb Size small - 820 g /1.81 lb
Max Build Height:	Size Large - 569 mm Size small - 538 mm
Min Build Height:	Size Large - 513 mm Size small - 443 mm
Adapter Options:	Lamination Connector

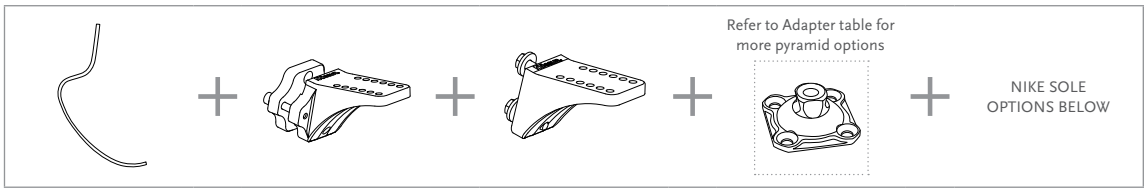
Note: Build height is from bottom of foot to top of lamination connector.

ORDERING INFORMATION

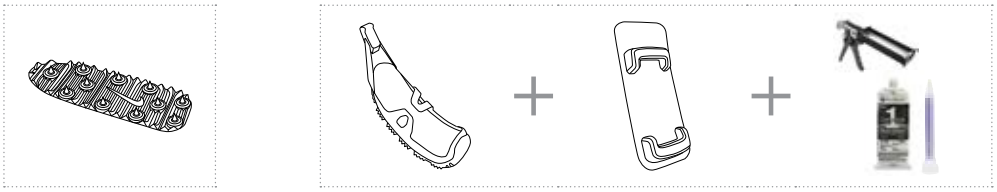
FOR COMPLETE CHEETAH XCEL DYNAMIC 10 KIT



FOR COMPLETE CHEETAH XCEL L-ADAPTER



NIKE SOLE OPTIONS



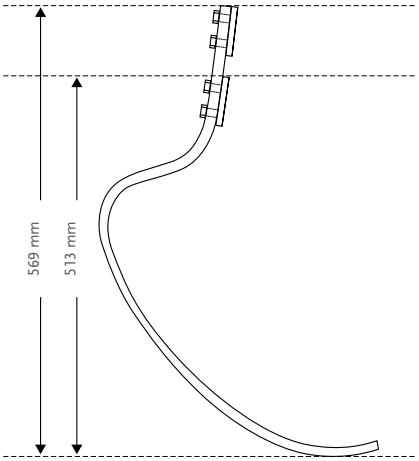
CHEETAH® XCEL

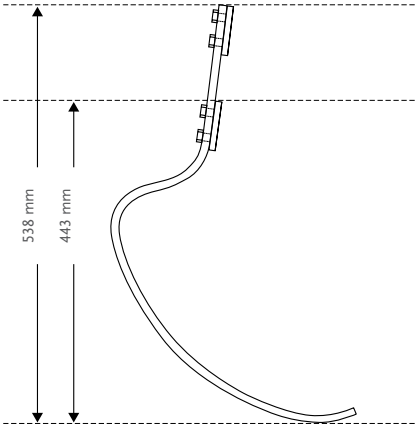
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbS	99-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

CLEARANCE

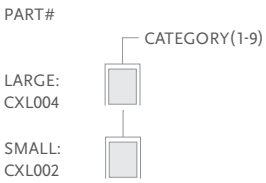
WITH LAMINATION CONNECTOR





KITS

CHEETAH XCEL KIT



Includes:
- Foot module

Note: Soles, attachment kit and Pluseries to be ordered separately.



CHEETAH® XCEL

KITS

NIKE SOLES

Picture	Part#	Description	Cat.
1.	NSS50041	Nike Traction SoleX	1-9
1.	NSS50012	Nike Spike SoleX*	1-9
2.	NSS50021	Nike Spike Pad 2.0*	1-9
3.	NSS50031	Nike SoleX Attachment Kit**	1-9







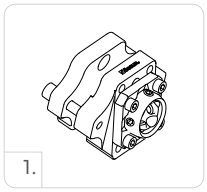
* Includes:
- 7mm (9/32") Pyramid Spikes
- Wrench

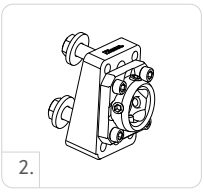
** Pluseries needs to be ordered separately

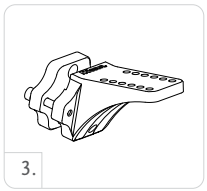
Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

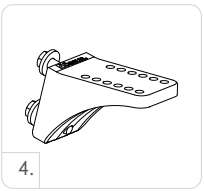
CHEETAH ALIGNMENT ADAPTERS KIT

Picture	Part#	Description	Cat.
1.	CXL50002	Dynamic - Adapter 10°Kit	1-6
2.	CXL50001	Bolted - Adapter 10°Kit	1-6
3.	CXL50004	Dynamic L - Adapter 13°Kit	1-6
4.	CXL50003	Bolted L-Adapter 13°Kit	1-6



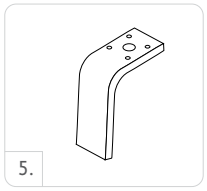






L-BRACKET KITS

Picture	Part#	Description	Cat.
5.	FSX50005	5° L-Bracket Kits	1-6
6.	FSX50006	20° L-Bracket Kits	1-6

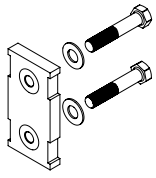




Includes:
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

LAMINATION CONNECTOR KIT

Part#	Description	Cat.
FSX50009	Lamination Connector	1-9



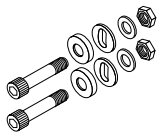
Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

CHEETAH® XCEL

KITS

HARDWARE KIT FOR T CONNECTORS

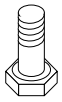
Part#	Length		Weight		Size	Cat.
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	1-9



Includes:
- Bolts
- Nuts
- Spherical Washer
- Flat Washer

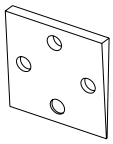
ATTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9
CM130251	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/10"	1-9
CM130252	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/5"	1-9



ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



ADAPTERS

4-HOLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-235100	Titanium	23mm	7/8"	8.5mm	5/16"	54g	1.9oz



4-HOLE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-235300	Titanium	25mm	1"	10.5mm	7/16"	72g	2.5oz



4-HOLE PYRAMID WITH 5/16" / 8MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-235400	Titanium	23mm	7/8"	8.5mm	5/16"	65g	2.3oz



4-HOLE PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-245100	Titanium	15.5mm	5/8"	15.5mm	5/8"	64g	2.3oz



4-HOLE PYRAMID RECEIVER WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-245300	Titanium	17.5mm	11/16"	17.5mm	11/16"	76g	2.7oz



CHEETAH® XCEL

TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 215 ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 215 ml - Composite 1 Minute
FSX80017	+Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles



CHEETAH® XCEED



Cheetah Xceed has been designed to translate the functionality of Össur's high-performance blades to the needs of the everyday sports enthusiasts. It features a longer toe lever for enhanced push-off and offers a higher energy return.

It is appropriate for transfemoral and transtibial users participating in high impact activities, such as recreational jogging, trail running, distance running and triathlons.

The Nike Spike pad has been designed exclusively for the Össur Cheetah Range and has been improved for the blade to provide specialized traction.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	High to Extreme
Maximum Patient Weight:	147kg (325lbs)

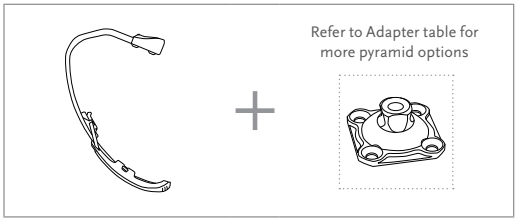


WATERPROOF

Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot (Cat. 5):	1000g (1.20 lb)
Build Height:	345 mm (13 74/127") with Nike Traction SoleX/without pyramid
Adapter Options:	4-hole pyramid and pyramid receiver. Refer to adapter table for more pyramid options.

ORDERING INFORMATION

FOR COMPLETE CHEETAH XCEED KIT



*Includes Nike Traction SoleX

NIKE SOLE OPTIONS

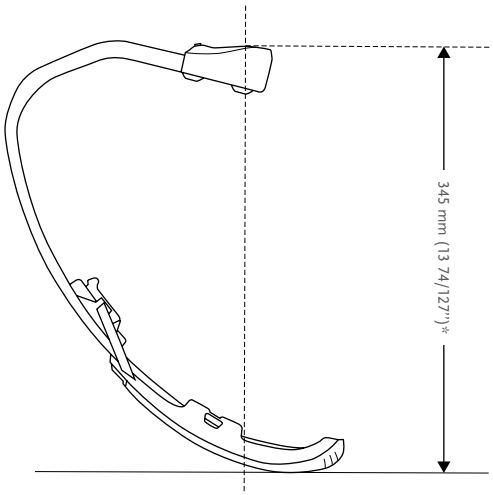


CHEETAH® XCEED

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
High to Extreme Impact Level	1	2	3	4	5	6	7	8	9

CLEARANCE



*Note: Build height of 4 – hole adapters should be added to this value for total build height.

KITS

CHEETAH XCEED KIT

PART#
CATEGORY (1-9)
CXD002



Includes:
- Nike Traction SoleX and attachment
- Foot module

NIKE SOLES

Picture	Part#	Description	Cat.
1.	NSS50041	Nike Traction SoleX	1-9
1.	NSS50012	Nike Spike SoleX*	1-9
2.	NSS50021	Nike Spike Pad 2.0*	1-9
3.	NSS50031	Nike SoleX Attachment Kit**	1-9


1.


2.


3.

*Includes:
- 7mm (9/32") Pyramid Spikes
- Wrench

**Pluseries needs to be ordered separately

Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

CHEETAH® XCEED

ADAPTERS

4-HOLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-235100	Titanium	23mm	7/8"	8.5mm	5/16"	54g	1.9oz



4-HOLE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-235300	Titanium	25mm	1"	10.5mm	7/16"	72g	2.5oz



4-HOLE PYRAMID WITH 5/16" / 8MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-235400	Titanium	23mm	7/8"	8.5mm	5/16"	65g	2.3oz



4-HOLE PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-245100	Titanium	15.5mm	5/8"	15.5mm	5/8"	64g	2.3oz



4-HOLE PYRAMID RECEIVER WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-245300	Titanium	17.5mm	11/16"	17.5mm	11/16"	76g	2.7oz



TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 215 ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 215 ml - Composite 1 Minute
FSX80017	+Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles



CHEETAH® XTREME

The blade of champions – inspired by the world's fastest. Cheetah Xtreme is designed as a short-distance sprinting foot, a holder of multiple world records.

Designed specifically for the fast, short-distance sprints, the carbon blade features a more extreme curve than the other Cheetahs. This dynamic shape allows the foot to flex more offering a powerful energy kick. A longer, flatter toe enhances push off, while the plantar-flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimised for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment of the blade.



User information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

WATERPROOF

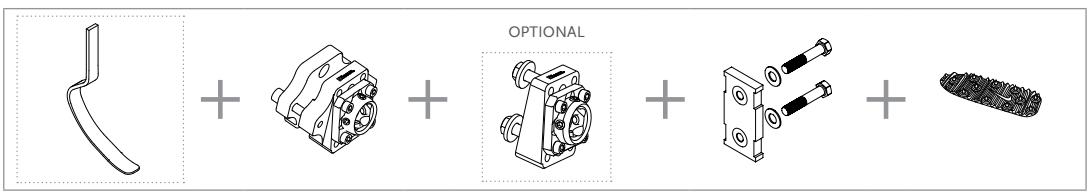
PROPORTIONAL RESPONSE

Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	918g (32.4oz)
Max Build Height:	530mm (20 14/16")
Min Build Height:	375mm (14 3/4")
Adapter Options:	Lamination Connector

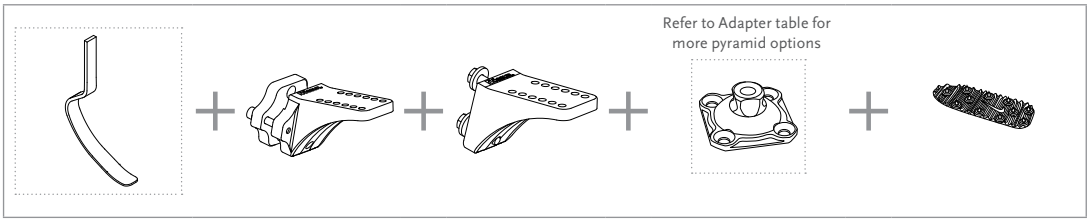
Note: Build height is from bottom of foot to center of lower bolt hole of lamination connector.

ORDERING INFORMATION

FOR COMPLETE CHEETAH XTREME DYNAMIC 10 KIT



FOR COMPLETE CHEETAH XTREME L-ADAPTER KIT



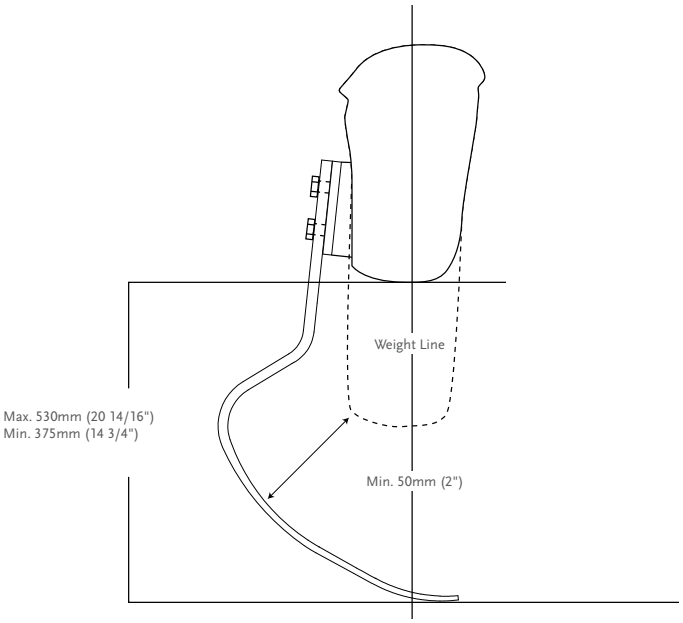
CHEETAH® XTREME

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbS	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

CLEARANCE

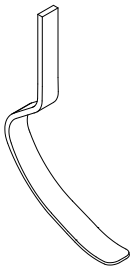
WITH LAMINATION CONNECTOR



KITS

CHEETAH XTREME KIT

PART#
CATEGORY(1-9)
FSX003



Includes:
- Cheetah Xtreme Blade

Note: Cheetah Xtreme is excluded from the trial period.

NIKE SPIKE PAD KIT

Part#	Description	Cat.
NSS50021	Nike Spike Pad 2.0*	1-9



Includes:
- 7mm (9/32") Pyramid Spikes
- Wrench

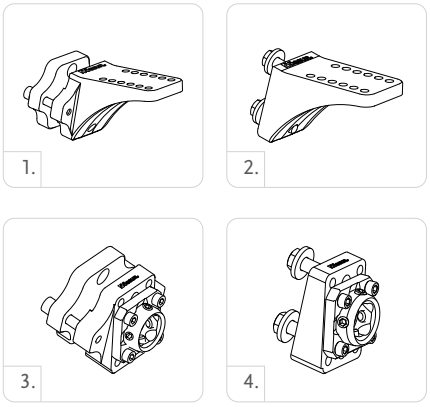
Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

CHEETAH® XTREME

KITS

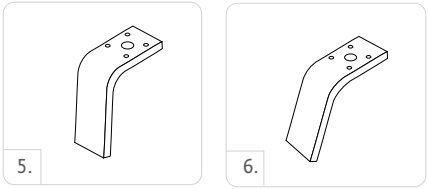
CHEETAH XTREME ALIGNMENT ADAPTERS

Picture	Part#	Description	Cat.
1.	CXL50004	Dynamic L - Adapter 13°Kit	1-6
2.	CXL50003	Bolted L-Adapter 13°Kit	1-6
3.	CXL50002	Dynamic - Adapter 10°Kit	1-6
4.	CXL50001	Bolted - Adapter 10°Kit	1-6



L-BRACKET KITS

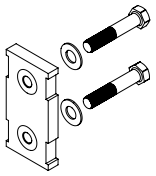
Picture	Part#	Description	Cat.
5.	FSX50005	5° L-Bracket Kits	1-6
6.	FSX50006	20° L-Bracket Kits	1-6



Includes:
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

LAMINATION CONNECTOR KIT

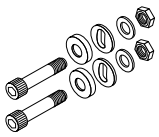
Part#	Description	Cat.
FSX50009	Lamination Connector	1-9



Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

HARDWARE KIT FOR T CONNECTORS

Part#	Length		Weight		Size	Cat.
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	1-9



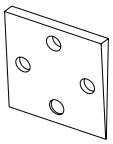
Includes:
- Bolts
- Nuts
- Spherical Washer
- Flat Washer

CHEETAH® XTREME

KITS

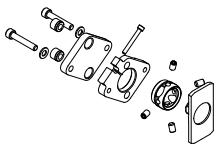
ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



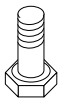
ALIGNMENT ADAPTER KIT

Part#	Description	Cat.
FSX50007	Alignment Adapter	ALL



ATTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9
CM130251	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/10"	1-9
CM130252	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/5"	1-9



ADAPTERS

4-HOLE MALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-235100	Titanium	23mm	7/8"	8.5mm	5/16"	54g	1.9oz



4-HOLE MALE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-235300	Titanium	25mm	1"	10.5mm	7/16"	72g	2.5oz



4-HOLE MALE PYRAMID WITH 5/16" / 8MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-235400	Titanium	23mm	7/8"	8.5mm	5/16"	65g	2.3oz



4-HOLE FEMALE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-245100	Titanium	15.5mm	5/8"	15.5mm	5/8"	64g	2.3oz



4-HOLE FEMALE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-245300	Titanium	17.5mm	11/16"	17.5mm	11/16"	76g	2.7oz



CHEETAH® XTEND

Kick into high gear with a responsive and comfortable ride from start to finish.

The Cheetah Xtend is the perfect companion for longer sprints and short-distance running (400-5000m). This highly effective carbon fiber blade has a continuous curve toward the toe offering a smooth rollover. The longer, flatter toe enhances push off, while the plantar flexed pylon supports better forward progression.

The Nike Spike Pad has been designed exclusively for the Cheetah. It provides specialized traction that has been optimised for the blade.

A new alignment adapter for the Cheetah is now available for quicker set up and easier alignment off the blade.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

WATERPROOF

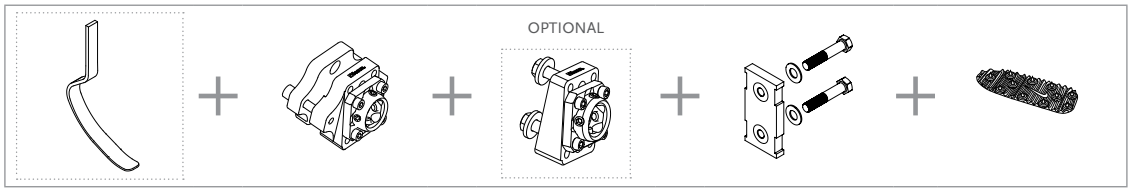
PROPORTIONAL RESPONSE

Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	750g (26.4oz)
Max Build Height:	451mm (17 3/4")
Min Build Height:	330mm (13")
Adapter Options:	Lamination Connector

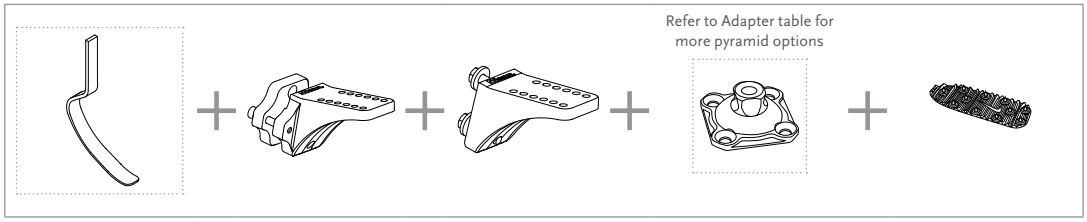
Note: Build height is from bottom of foot to center of lower bolt hole of lamination plate.

ORDERING INFORMATION

FOR COMPLETE CHEETAH XTEND DYNAMIC 10 KIT



FOR COMPLETE CHEETAH XTEND L-ADAPTER KIT



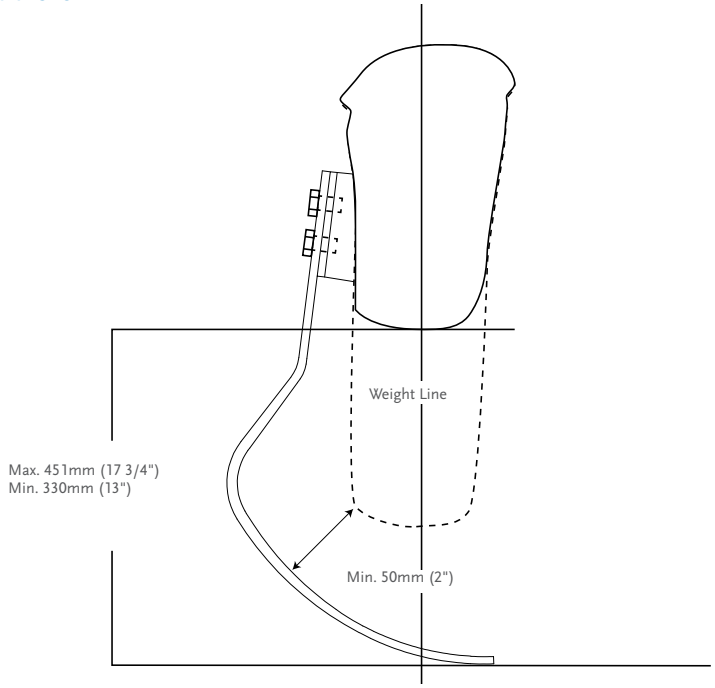
CHEETAH® XTEND

CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

CLEARANCE

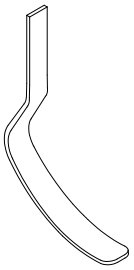
WITH LAMINATION CONNECTOR



KITS

CHEETAH XTEND KIT

PART#
CATEGORY(1-9)
FSX006



Includes:
- Cheetah Xtend Blade

Note: Cheetah Xtend is excluded from the trial period.

NIKE SPIKE PAD KIT

Part#	Description	Cat.
NSS50021	Nike Spike Pad 2.0*	1-9



Includes:
- 7mm (9/32") Pyramid Spikes
- Wrench

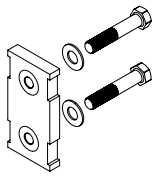
Note: Nike Spike Pad has same spikes as Nike track and field shoes, additional spikes can be purchased at Nike.

CHEETAH® XTEND

KITS

LAMINATION CONNECTOR KIT

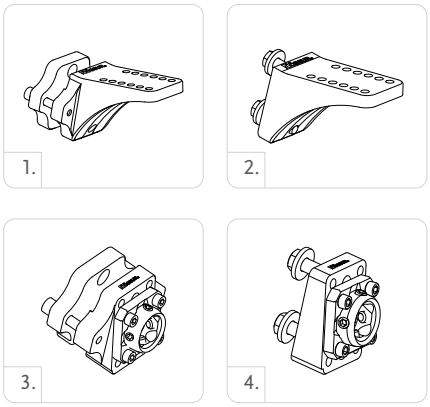
Part#	Description	Cat.
FSX50009	Lamination Connector	1-9



Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

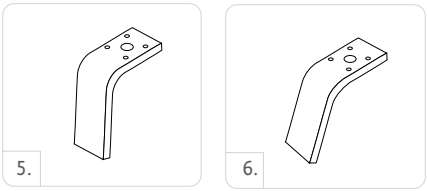
CHEETAH XTEND ALIGNMENT ADAPTERS KIT

Picture	Part#	Description	Cat.
1.	CXL50004	Dynamic L - Adapter 13°Kit	1-6
2.	CXL50003	Bolted L-Adapter 13°Kit	1-6
3.	CXL50002	Dynamic - Adapter 10°Kit	1-6
4.	CXL50001	Bolted - Adapter 10°Kit	1-6



L-BRACKET KITS

Picture	Part#	Description	Cat.
5.	FSX50005	5° L-Bracket Kits	1-6
6.	FSX50006	20° L-Bracket Kits	1-6

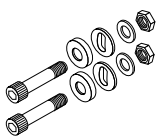


Includes:
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

HARDWARE KIT FOR T CONNECTORS

Part#	Length		Weight		Size	Cat.
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	1-9

Includes:
- Bolts
- Nuts
- Spherical Washer
- Flat Washer

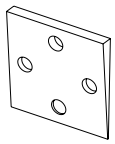


CHEETAH® XTEND

KITS

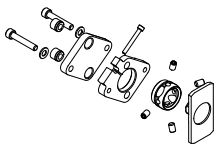
ALIGNMENT WEDGES

Part#	Description	Cat.
CM140515	Alignment Wedges 2°	ALL
CM140516	Alignment Wedges 4°	ALL
CM140517	Alignment Wedges 6°	ALL
CM140518	Alignment Wedges 8°	ALL



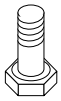
ALIGNMENT ADAPTER KIT

Part#	Description	Cat.
FSX50007	Alignment Adapter	ALL



ATTACHMENT BOLT FOR LAMINATION CONNECTOR

Part#	Description	Size	Cat.
CM130211	Attachment Bolt for Lamination Connector	3/8"-24 x 1 1/2"	1-9
CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	1-9
CM130214	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/8"	1-9



FLEX-RUN™



The Flex-Run with Nike Sole offers unmatched performance and efficiency for amputees and prosthetists. Össur and Nike have partnered to design a running foot from the ground up, leveraging Össur's expertise in running prosthetics with Nike's world renowned traction and sole technologies.

The improved Flex-Run features a longer toe lever and efficient energy return. The Nike Sole offers great traction to help improve performance for the runner.

Flex-Run with Nike Sole is appropriate for individuals OR users with transfemoral and transtibial amputation participating in high impact activities such as recreational jogging, trail running, distance running and triathlons. It is available in both Standard and Junior (LP) models.



User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	High to Extreme
Maximum Patient Weight:	130kg (287lbs)



WATERPROOF

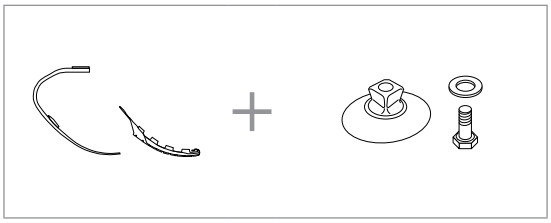


PROPORTIONAL RESPONSE

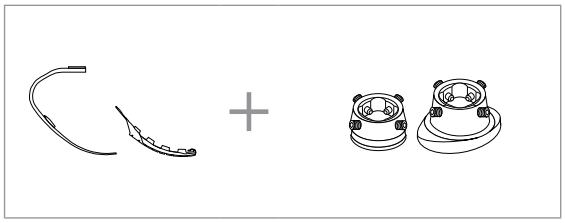
Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot (Cat. 5):	400g (14.1oz) 694g (24.4oz) with Sole and Pyramid
Build Height:	261mm (10 1/4") 277mm (10 7/8") with Sole
Adapter Options:	Bolt on Pyramid or Pyramid Receiver

ORDERING INFORMATION

FOR COMPLETE FLEX-RUN KIT WITH PYRAMID



FOR COMPLETE FLEX-RUN KIT WITH PYRAMID RECEIVER



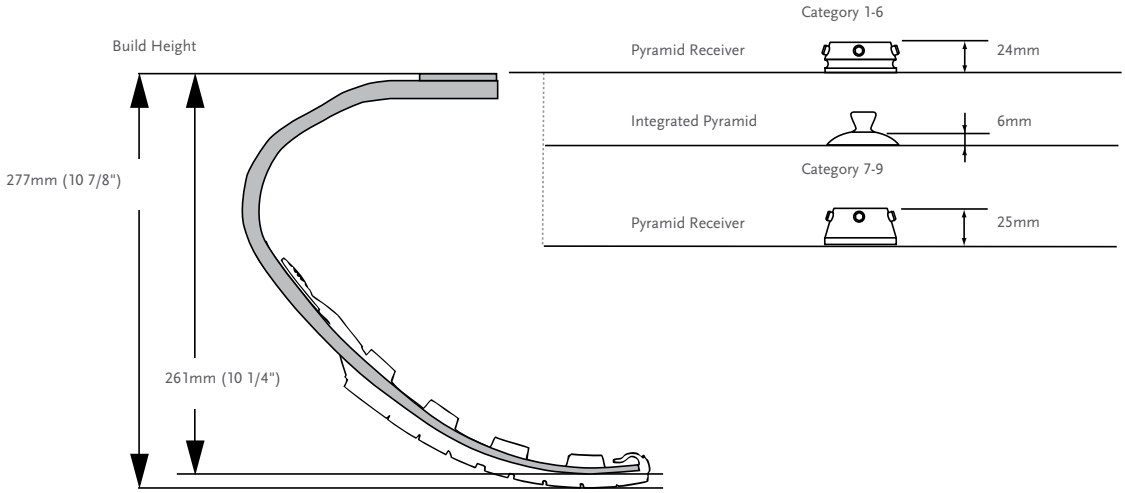


FLEX-RUN™

CATEGORY SELECTION CHART

Weight kg	37-44	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130
Weight lbs	81-96	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287
High to Extreme Impact Level	1	2	3	4	5	6	7	8	9

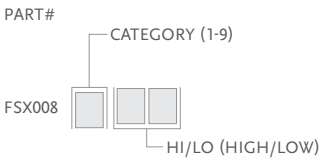
CLEARANCE

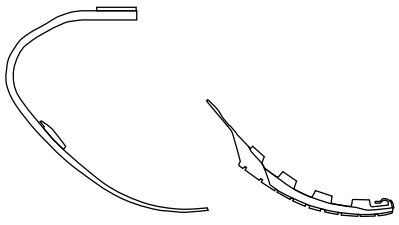


Note: Sole adds 10 mm (3/8") to build height.

KITS

FLEX-RUN KIT





Note: Flex-Run is excluded from trial period. For LP Flex-Run see Flex-Run Junior.
For information on special or custom orders, please contact your local Össur representative.

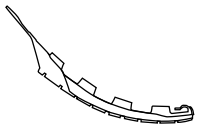
Includes:
- Foot Module
- Attachment Plate (can be supplied bonded on the foot upon request)
- Nike Sole
- Bag for Nike Sole

FLEX-RUN™

KITS

NIKE SOLE KIT

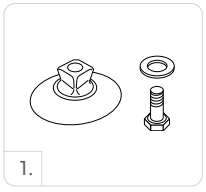
Part#	Size	Cat.
CM150163	One Size	1-9



Includes:
- Nike Sole
- Medallion
- Loctite
- Bag for Nike Sole

FOOT ADAPTER SETS

Picture	Part#	Description	Weight	Bolt Size	Cat.
1.	FWX00030	Pyramid Foot Adapter Set	75g	M10 x 40mm	1-6
2.	CM150161	Pyramid Receiver Foot Adapter Set	100g	M10 x 35mm	1-6
2.	CM150162	Pyramid Receiver Foot Adapter Set	186g	M12 x 50mm	7-9


1.


2.

REPLACEMENT BOLT

Part#	Size	Cat.
CM130221	M10 x 40	1-6

COMPONENTS

Part#	Description	Cat.
FWX40001	Attachment Plate	1-6
FWX40002	Attachment Plate	7-9

FLEX-FOOT CHEETAH®

The Cheetah was the first sport foot of it's kind when first launched in 1996. Ever since the Cheetah has been a choice foot for athletes around the globe.

Cheetah is recommended for longer distance running for TT users that do not have clearance for Flex-Run with Nike Sole. For sprinting the new Team Össur favorites, Cheetah Xtreme and Cheetah Xtend are recommended.



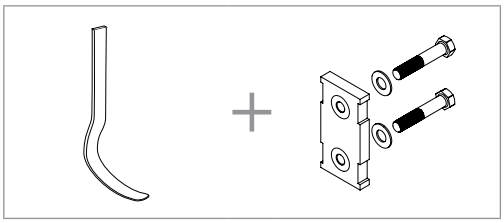
User Information	
Amputation Level:	Transfemoral and Transtibial
Impact Level:	Extreme
Maximum Patient Weight:	147kg (325lbs)

PROPORTIONAL RESPONSE

Foot information	
Categories:	1-9
Sizes:	One Size Per Category
Weight of Foot:	512g (18.1oz)
Build Height:	411mm (16 3/8")
Adapter Options:	Lamination Connector or Pylon Connector

ORDERING INFORMATION

FOR COMPLETE CHEETAH KIT



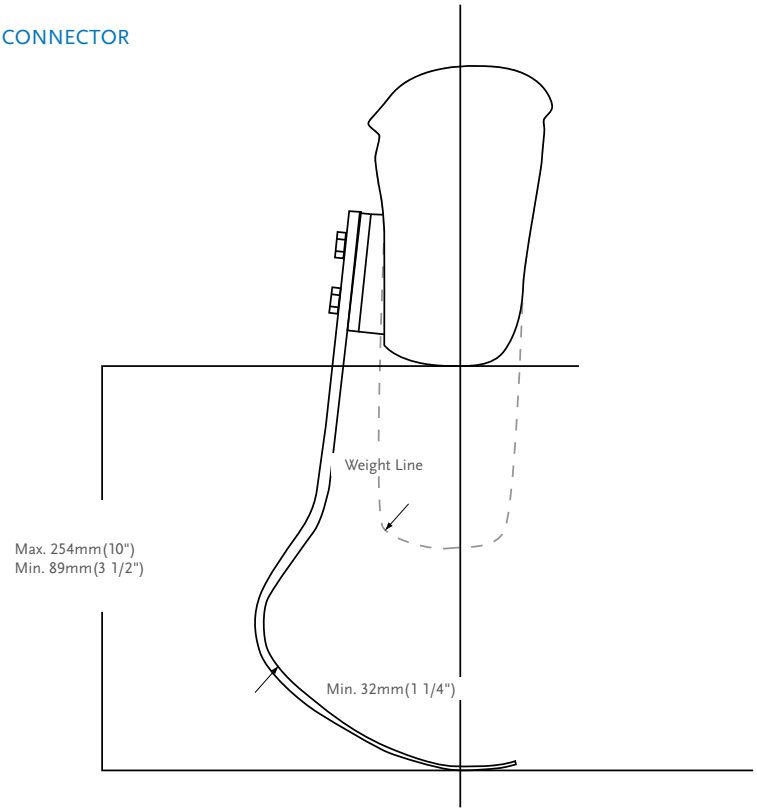
CATEGORY SELECTION CHART

Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147
Weight lbs	97-115	116-130	131-150	151-170	171-194	195-220	221-256	257-287	288-325
Extreme Impact Level	1	2	3	4	5	6	7	8	9

FLEX-FOOT CHEETAH®

CLEARANCE

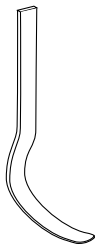
WITH LAMINATION CONNECTOR



KITS

CHEETAH KIT

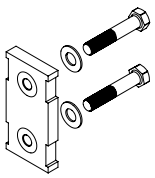
PART#
CATEGORY (1-9)
FSX004



Includes:
- Foot module

LAMINATION CONNECTOR KIT

Part#	Description	Cat.
FSX50009	Lamination Connector	1-9

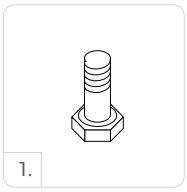


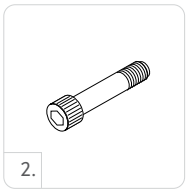
Includes:
- Connector
- Alignment Wedges (2°, 4°, 6°, 8°)
- Attachment Hardware
- Lamination Kit

FLEX-FOOT CHEETAH®

KITS

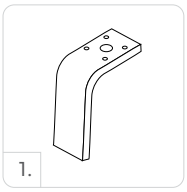
Picture	Part#	Description	Size	Cat.
1.	CM130218	Attachment Bolt for Lamination Connector	5/16"-24 x 1 1/2"	1-6
	CM130213	Attachment Bolt for Lamination Connector	3/8"-24 x 1 3/4"	7-9
2.	CM130305	Attachment Bolt for Pylon Connector	5/16"-24 x 1 1/2"	1-6
	CM130304	Attachment Bolt for Pylon Connector	3/8"-24 x 1 3/4"	7-9

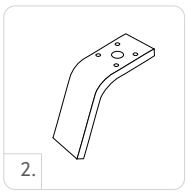




L-BRACKET WITHOUT INSERTS

Picture	Part#	Description	Cat.
1.	FSX40003	5° L-Bracket Without Inserts	1-6
2.	FSX40001	20° L-Bracket Without Inserts	1-6





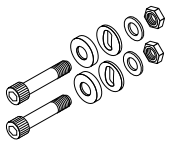
L-BRACKET KITS

Picture	Part#	Description	Cat.
1.	FSX50005	5° L-Bracket Kits	1-6
2.	FSX50006	20° L-Bracket Kits	1-6

Includes:
- L-Bracket without inserts
- Pyramid Attachment Hardware
- Alignment Wedges
- Alignment Hardware

HARDWARE KIT FOR T CONNECTORS

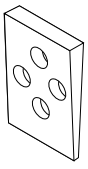
Part#	Length		Weight		Size	Cat.
CM100054	8mm	5/16"	108g	3.8oz	x 2-1/2"	1-6
CM100055	10mm	3/8"	144g	5oz	x 2-1/2"	7-9



Includes:
- Bolts
- Nuts
- Spherical Washer
- Flat Washer

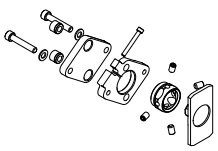
ALIGNMENT WEDGES

Part#	Description	Cat.
CM140502	Alignment Wedges 2°	ALL
CM140505	Alignment Wedges 4°	ALL
CM140508	Alignment Wedges 6°	ALL
CM140511	Alignment Wedges 8°	ALL



ALIGNMENT ADAPTER KIT

Part#	Description	Cat.
FSX50007	Alignment Adapter	ALL



ÖSSUR JUNIOR SOLUTIONS



ICEROSS JUNIOR



TOTAL KNEE JUNIOR



PRO-FLEX LP JUNIOR



VARI-FLEX JUNIOR



CHEETAH JUNIOR
WITH NIKE SOLE



CHEETAH
XPLORE JUNIOR



FLEX-RUN JUNIOR
WITH NIKE SOLE



JUNIOR ADAPTERS

ÖSSUR JUNIOR SOLUTIONS

INTRODUCTION

The security and well-being of children are top priorities. All products in the Junior Solution range have been designed to facilitate movements distinct to children and to suit their specific anatomy.

Össur Junior Solution offers an advanced and complete lower limb system for active youngsters.

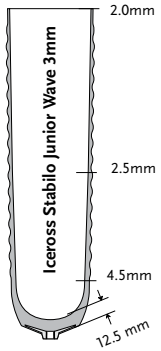
The first product line specifically designed for children aged 5-12 years, incorporates proven silicone and carbon fiber technology for outstanding performance.

ICEROSS STABILO® JUNIOR LOCKING LINER WITH WAVE

Iceross Stabilo Junior Locking Liner with Wave is especially designed for children providing them comfort and stability.

The liner helps children to engage in high impact daily activities. Active Skin Care ingredients are built into the silicone material.

Össur recommends that Iceross Stabilo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.





User information	
Amputation Level:	Transtibial application for children
Liner information	
Size Standard:	12, 14, 16, 18.
Profile:	3mm
Matrix:	10cm

SUSPENSION METHOD

LOCKING

FEATURES

STABILISING MATRIX | FABRIC COVER | ACTIVE SKIN CARE | SILKEN INNER SURFACE | WAVE

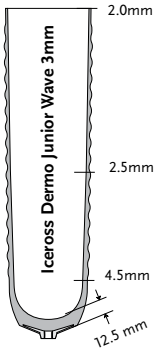
PART NUMBER INFORMATION - ICEROSS STABILO JUNIOR WAVE LINER

Part#	Profile	Suspension Method	Matrix
I-8301XX	3mm	Locking	10cm

ICEROSS DERMO® JUNIOR LOCKING LINER WITH WAVE

Iceross Dermo Junior Locking Liner with Wave offers comfort and impact protection for children with sensitive skin engaging in medium impact daily activities. Active Skin Care ingredients are built into the silicone material.

Össur recommends that Iceross Dermo Junior Locking Liner with Wave is used in conjunction with the Icelock® 700 Series.





User Information	
Amputation Level:	Transtibial application for children
Liner Information	
Size Standard:	12, 14, 16, 18.
Profile:	3mm
Matrix:	10cm

SUSPENSION METHOD



LOCKING

FEATURES



STABILISING MATRIX



FABRIC COVER



ACTIVE SKIN CARE



SILKEN INNER SURFACE



WAVE

PART NUMBER INFORMATION - ICEROSS DERMO JUNIOR WAVE LINER

Part#	Profile	Suspension Method	Matrix
I-8302XX	3mm	Locking	10cm

PRO-FLEX® LP JUNIOR

For all adventures ahead, little or big, the Pro-Flex LP Junior was designed to be a safe companion and empower young users with the same high-performance technology trusted by active adults. Built on proven Pro-Flex three-blade technology, it offers smooth rollover dynamics with exceptional ankle range and power that delivers a natural, confident gait. The foot's split toe and multi-axial design adapt intuitively to changing surfaces, ensuring a more natural gait on uneven ground. Whether at school, on the playground, or exploring outdoors, this foot keeps up with the most energetic kids.

Designed for durability and freedom, the Pro-Flex LP Junior encourages full participation in everyday adventures while promoting inclusion and belonging.

Waterproof and with a user-removable foot cover, it's easy to clean and maintain, offering children the freedom to bathe or take part in water activities. The simple snap-on cover empowers both children and parents with added independence and peace of mind.



User Information	
Amputation Level:	Transfemoral and Transtibial
Maximum Patient Weight:	55kg (121lbs)


ANATOMICAL FOOT


USER REMOVABLE FOOT COVER


SPLIT TOE


SANDAL TOE


WATERPROOF

Foot Information	
Categories:	1-4
Sizes:	16-24
Weight of Foot: (Size 19)	305gr (0.7lbs)
Build Height: (Size 19)	55mm (2-3/16")
Heel Height: Sizes 16-21: Size 22-24:	 5mm (1/5") 10mm (3/8")
Adapter Options:	Integrated Junior Pyramid

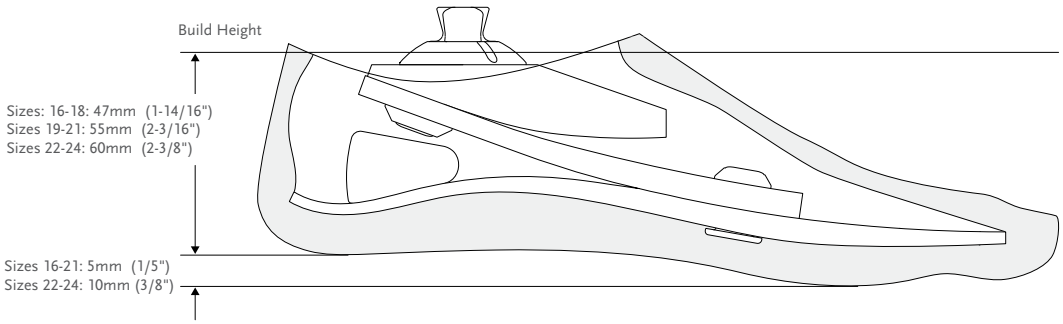
CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
16	1	N/A	N/A	N/A
17	1	2	N/A	N/A
18	1	2	N/A	N/A
19	1	2	3	N/A
20	N/A	2	3	4
21	N/A	2	3	4
22	N/A	2	3	4
23	N/A	2	3	4
24	N/A	N/A	3	4

NOTE: The above categories apply only to Pro-Flex LP Junior.
For high impact sport activities please consider other options, such as Cheetah Xplore Junior, Flex-Run Junior and Cheetah Junior.

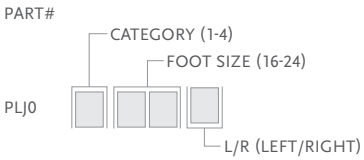
PRO-FLEX® LP JUNIOR

CLEARANCE



KITS

PRO-FLEX LP JUNIOR WITH PYRAMID

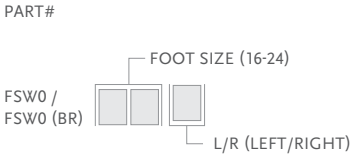


Includes:
- Foot module with pyramid
- User Removable Foot Cover*
- Spectra Sock Thin

*For Pro-Flex LP Junior with brown foot cover add a "BR" suffix to the part number

COSMETIC FINISHING

WATERPROOF FOOT COVER KIT, BEIGE AND BROWN





Includes:
- Foot Cover*
- Spectra Sock Thin

*For brown foot cover please add a "BR" suffix to the part number.

SPECTRA SOCKS THIN

Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

Part#	Description	Size
FCX65016	Spectra Sock Thin, Junior	16-21
FCX65022	Spectra Sock Thin, Standard	22-24



VARI-FLEX® JUNIOR

Vari-Flex Junior is designed for children and adolescents providing comfort, dynamics and good energy response.

Vari-Flex Junior is lightweight, easy to assemble and has a slender profile, making it easy to cover



User Information	
Amputation Level:	Transfemoral and Transtibial
Maximum Patient Weight:	55kg


FULL LENGTH TOE LEVER


ACTIVE TIBIAL PROGRESSION


SANDAL TOE


WEATHERPROOF


PROPORTIONAL RESPONSE

Foot Information	
Categories:	1-4
Sizes:	16-24
Weight of Foot: (Size 18)	350g with spectra sock and foot cover
Build Height: (Size 18)	120mm
Heel Height:	10mm
Adapter Options:	Integrated pyramid. Cat 1-3 use Junior Pyramids; Cat 4 uses Adult Pyramids.

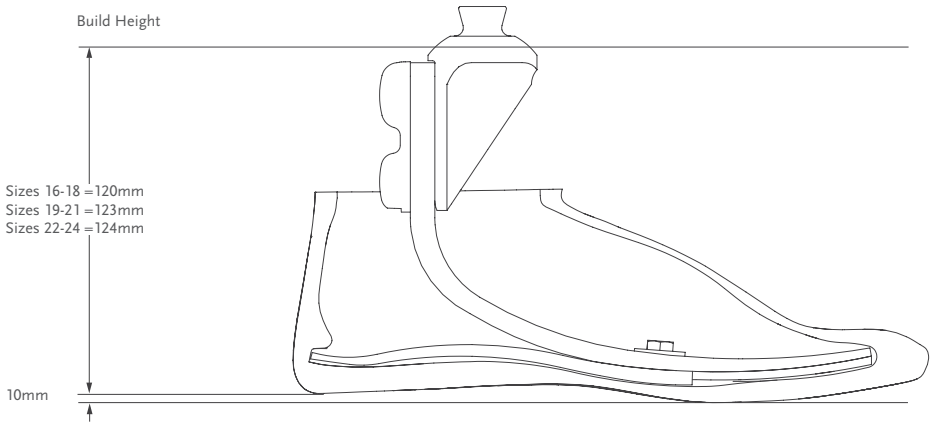
CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
16	1	N/A	N/A	N/A
17	1	N/A	N/A	N/A
18	1	2	N/A	N/A
19	1	2	3	N/A
20	N/A	2	3	4
21	N/A	2	3	4
22	N/A	2	3	4
23	N/A	2	3	4
24	N/A	N/A	3	4

NOTE: The above categories apply only to Vari-Flex Junior.
For high impact sport activities please consider other options, such as Cheetah Xplore Junior, Flex-Run Junior and Cheetah Junior.

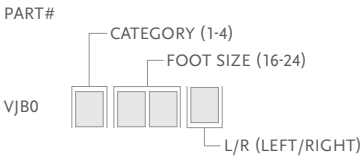
VARI-FLEX® JUNIOR

CLEARANCE



KITS

VARI-FLEX JUNIOR KIT WITH PYRAMID

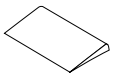


Includes:
- Foot Module
- Heel Wedge
- Pyramid

COMPONENTS

JUNIOR HEEL WEDGE KIT

Part#	Foot Size	Cat.
CM150017	16-24	All



Includes:
- 1 Wedge
- Adhesive

VARI-FLEX® JUNIOR

COSMETIC FINISHING

FOOT COVER KIT, BEIGE

PART#

FJS0 (BR) — FOOT SIZE (16-21) — L/R (LEFT/RIGHT)



FOOT COVER KIT, BEIGE AND BROWN*

PART#

FSM0 (BR) — FOOT SIZE (22-24) — L/R (LEFT/RIGHT)



Includes:
- Foot Cover*
- Flex-Foot Sock

*Please specify when ordering brown covers add "BR" to the part#.

Part#	Description	Size
FCX63008	Flex-Foot Sock	16-24



CHEETAH® JUNIOR WITH NIKE SOLE

Custom-built, high-performance carbon fiber foot designed primarily for sporting activities for both transtibial and transfemoral users. It attaches posterior to the socket, making it agile, strong and a proven performer for those children who want to practice sports.

The Nike Sole is designed to offer stability and smooth natural rollover.



User Information	
Amputation Level:	Transfemoral and Transtibial
Maximum Patient Weight:	55Kg (121 lbs)



WATERPROOF



PROPORTIONAL RESPONSE

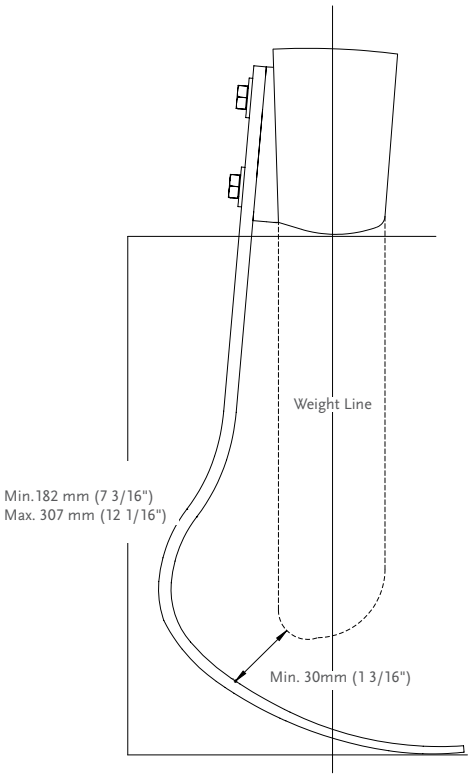
Foot information	
Categories:	1-4
Sizes:	One Size
Weight of Foot:	232g (8.2 oz)
Weight of Sole:	114g (4.0 oz)
Build Height:	Min:182 mm (7 3/ 16) Max: 307 mm (12 1/16)
Adapter Options:	Lamination Connector

CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
Category	1	2	3	4

CHEETAH® JUNIOR WITH NIKE SOLE

CLEARANCE

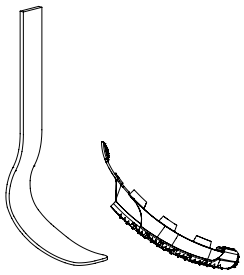


*Note: Sole adds 10 mm (3/8") to build height.

KITS

CHEETAH KIT

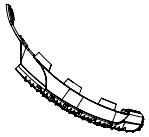
PART#
CATEGORY (1-4)
CJX0 00



NIKE SOLE JUNIOR VERSION KIT

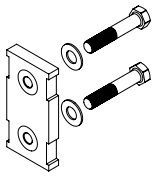
Part#	Size	Cat.
CM150164	One Size	1-4

Includes:
- Nike Sole
- Medallion
- Loctite
- Inside Sole
- Bag for Nike Sole



COMPONENTS

Part#	Description
CHX50001	Connector Kit



CHEETAH® XPLORE JUNIOR

A custom-built, hybrid carbon fiber foot designed to function as both an everyday and sports foot.

For kids that require the flexibility of an everyday walking foot and a running foot in a single prosthesis, Cheetah Xplore Junior is the answer. Cheetah Xplore couples the proven performance of our Cheetah sprinting foot with a heel for everyday walking/standing.



User Information	
Amputation Level:	Transfemoral and Transtibial
Maximum Patient Weight:	55Kg (121 lbs)


FULL LENGTH TOE LEVER


ACTIVE TIBIAL PROGRESSION


WATERPROOF


PROPORTIONAL RESPONSE

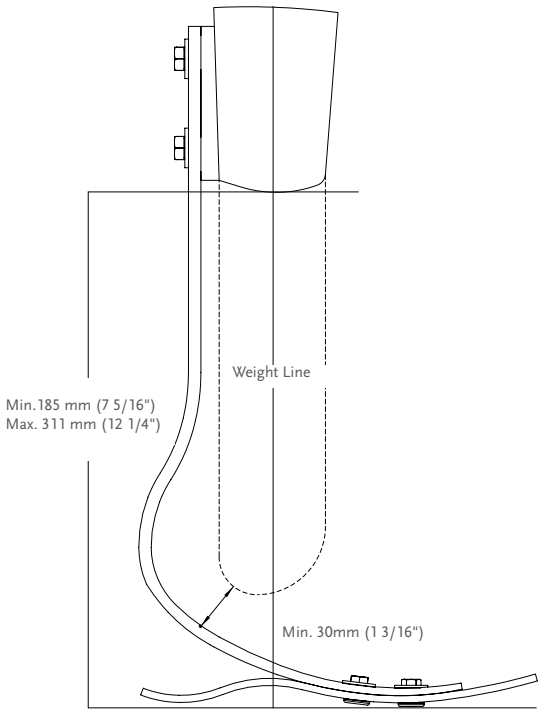
Foot information	
Categories:	1-4
Sizes:	One Size
Weight of Foot:	312g (11 oz)
Build Height:	Min:185 mm (7 5/16) Max: 311 mm (12 1/4)
Adapter Options:	Lamination Connector

CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55
Weight lbs	33-53	54-75	76-99	100-121
Category	1	2	3	4

CHEETAH® XPLORE JUNIOR

CLEARANCE



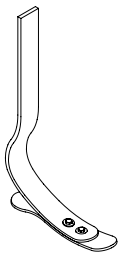
KITS

CHEETAH XPLORE KIT

PART#

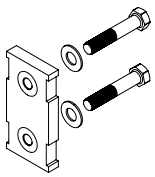
CATEGORY (1-4)

CHX0 24

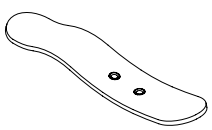


COMPONENTS

Part#	Description
CHX50001	Connector Kit

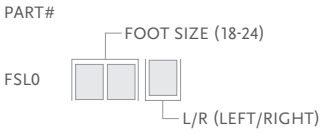


Part#	Description
CHX50002	Sole Plate For Cat 1 & 2
CHX50003	Sole Plate For Cat 3 & 4



CHEETAH® XPLORE JUNIOR

COSMETIC FINISHING





Includes:
- Foot Cover Kit
- Foot Cover Attachment
- Flex-Foot Sock



Part#	Description	Size
FCX63008	Flex-Foot Sock	18-24

FLEX-RUN™ JUNIOR WITH NIKE SOLE

The Flex-Run Junior is a custom designed solution for children. Its vertical compliance and efficient energy return are musthaves for high active children.

The Flex-Run Junior offers increased cushioning and lower-frequency response makes this foot suitable for Transfemoral and Transtibial users.

The Nike Sole is designed to offer stability and smooth natural rollover.



User Information	
Amputation Level:	Transfemoral and Transtibial
Maximum Patient Weight:	84Kg (185lbs)



WATERPROOF



PROPORTIONAL RESPONSE

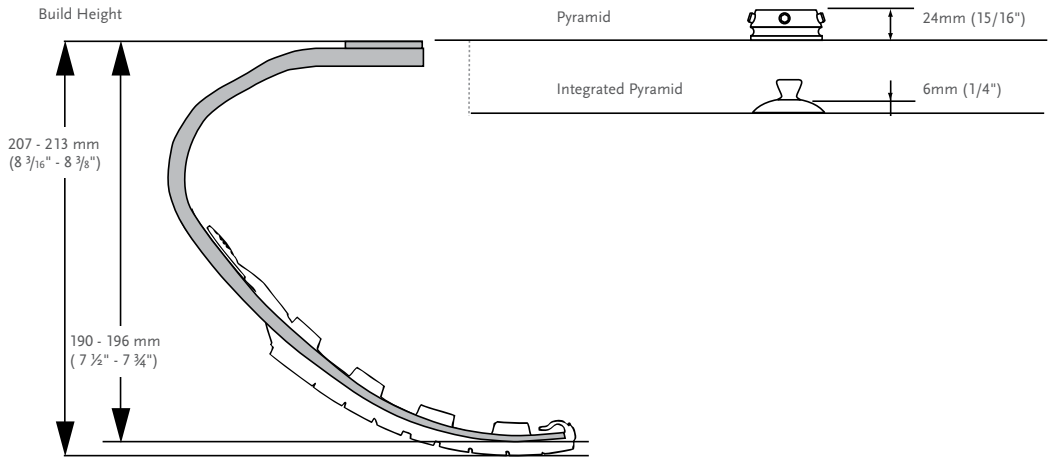
Foot Information	
Categories:	1-6
Sizes:	One Size
Weight of Foot (cat 3):	268gr (9.5 oz) 484 gr (17.1 oz) with sole and components
Build Height (cat 3):	194 mm (7 $^{81}/_{127}$") without pyramid and sole 210 mm (8 $^{81}/_{127}$") with sole
Adapter Options:	Bolt on Pyramid or Pyramid Receiver

CATEGORY SELECTION CHART

Weight kg	15-24	25-34	35-45	46-55	57-67	68-84
Weight lbs	33-53	54-75	76-99	100-123	124-147	148-185
Category	1	2	3	4	5	6

FLEX-RUN™ JUNIOR WITH NIKE SOLE

CLEARANCE

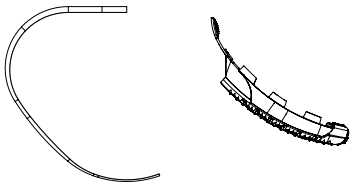


*Note: Sole adds 16 mm (5/8") to build height.

KITS

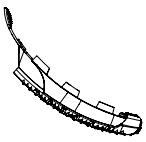
FLEX-RUN KIT

PART#
CATEGORY (1-6)
FSX007



NIKE SOLE JUNIOR VERSION KIT

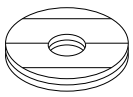
Part#	Size	Cat.
CM150164	One Size	1-6



Includes:
- Nike Sole
- Medallion
- Loctite
- Inside Sole
- Bag for Nike Sole

COMPONENTS

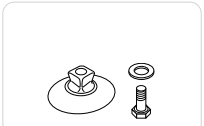
Part#	Description	Cat.
FWX40001	Attachment Plate	1-6

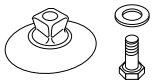


FOOT ADAPTER SETS

Picture	Part#	Description	Weight	Bolt Size	Cat.
1.	FWX00031	Junior Pyramid Foot Adapter Set	30g	M8 x 30mm	1-3
2.	FWX00030	Adult Pyramid Foot Adapter Set*	80g	M10 x 40mm	1-6
3.	CM150161	Adult Pyramid Receiver Foot Adapter Set*	100g	M10 x 35mm	1-6

*Adult componentry is used for Flex-Run Junior


1.


2.


3.

REPLACEMENT BOLT

Part#	Size	Cat.
CM130221	M10 x 40 mm	1-6
CM130103	M10 x 35 mm	1-6
CM130237	M8 x 30 mm	1-3

TOTAL KNEE® JUNIOR

Total Knee Junior gives young users security, natural motion and ease of walking. Easy to cover, Total Knee Junior offers up to 160 degrees of knee flexion. Total Knee Junior mimics the natural movement of children, who enjoy a broad range of versatile high level activities, such as walking, running, sitting, squatting, and kneeling.

- Polycentric knee with geometric locking system
- Adjustable stance flexion
- Adjustable extension promoter
- Low build height and slender profile

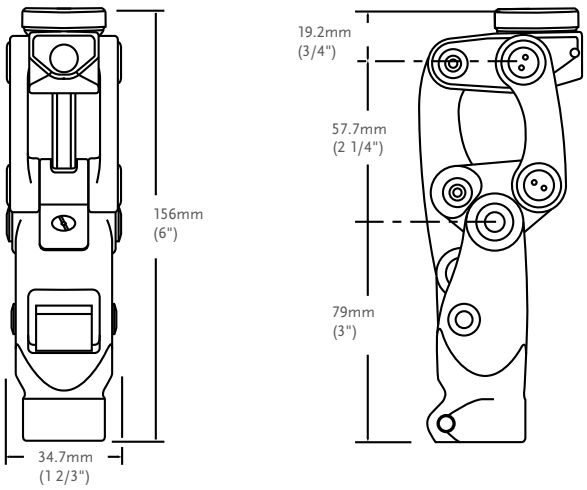


Patient Profile:	
Amputation Level:	Transfemoral and Knee Disarticulation
Maximum Patient Weight:	45kg (100lbs)

Product Information:	
Build Height:	156mm (6")
Weight of Knee:	395g (0.87lbs)
Flexion:	Stop at 160°



CLEARANCE



TOTAL KNEE® JUNIOR

KITS

Part#	Description
1100	Total Knee Junior
1100-KE	Total Knee Junior W/4-Prong Socket Adapter
1100-OS	Total Knee Junior W/Pyramid Adapter

COMPONENTS

PEDIATRIC 4-HOLE ADAPTER (RATED TO 60KG)

An additional option for knee disarticulation

Part#	Description	Build Height		Weight	
AJ-124300	Stainless Steel	8.5mm	5/16"	58g	2oz



PEDIATRIC PYRAMID ADAPTER (RATED TO 60KG)

Indicated for users requiring further alignment adjustments.

Part#	Material	Build Height		Weight	
AJ-835300	Titanium	14mm	9/16"	35g	1.23oz



4-PRONG SOCKET ADAPTER (RATED TO 60KG)

Part#	Material	Build Height		Weight	
AJ-114140	Stainless Steel	10mm	3/8"	77g	2.7oz



PEDIATRIC BUMPER AND SHIM KIT

Part#	Description
1100-Kit	A complete set of Bumpers and Shims

Includes:
- One Bumper of each durometer
- One 0.38mm Shim
- One 0.76mm Shim

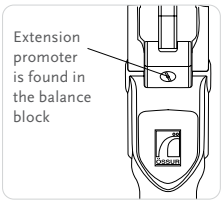
TOTAL KNEE® JUNIOR

COMPONENTS

EXTENSION PROMOTER

The extension promoter assists in reducing excessive heel rise during periods of faster walking or increased activity.

Part#	Description
1105-A	Assists in limiting heel rise, and moving the knee into a fully extended position.



EXTENSION ASSIST

Part#	Description	Color	Stiffness
1170	Fully assembled extension with yellow spring inserted. Also includes blue spring.	Yellow	Regular
		Blue	Firm

JUNIOR COSMETIC FINISHING

Picture	Part#	Description
1	1145	Junior Shin Ferrule, black. Protects the knee unit and increases ease of foam cover application.
2	1150	Junior Knee Cap, small, black
3	1151	Junior Knee Cap, large, beige


1.


2.


3.

JUNIOR ADAPTERS WEIGHT LIMIT 45KG (100LBS)

SACH FOOT ADAPTER

8MM (5/16") SACH FOOT ADAPTER

Part#	Material	Build Height		Weight	
AJ-833100	Stainless Steel Aluminum	6mm	1/4"	54g	1.9oz



TUBES AND PYLONS

TUBE JUNIOR, 22MM(7/8")

Part#	Material	Length		Weight	
AJ-712020	Aluminum	250mm	9 ¾"	104g	3.7oz



HEIGHT ADJUSTABLE PYLON - JUNIOR

Part#	Material	Min. Height		Min. Build Height		Range of Adjustment		Weight	
AJ-542350	Aluminum	76mm	3"	76mm	3"	76-102mm	3-4"	145g	5.1oz



JUNIOR ADAPTERS WEIGHT LIMIT 60KG (132LBS)

SOCKET ADAPTERS

4-PRONG SOCKET ADAPTER

Part#	Material	Build Height		Weight	
AJ-114140	Stainless Steel	10mm	3/8"	77g	2.7oz



PYRAMID INSERT FOR PRONG JUNIOR

Part#	Material	Build Height		Weight	
AJ-135300	Titanium	5mm	13/64"	27g	0.95oz

Note: Can be used in conjunction with models AJ-835300, AJ -122300 and AJ-114140



PYRAMID RECEIVER INSERT FOR PRONG TI JUNIOR

Part#	Material	Build Height		Weight	
AJ-145300	Titanium	12mm	½"	35g	1.23oz

Note: Can be used in conjunction with models AJ-835300, AJ -122300 and AJ-114140



PYRAMID RECEIVER INSERT FOR PRONG LP JUNIOR

Part#	Material	Build Height		Weight	
AJ-145310	Titanium	3mm	1/8"	19g	0.67oz

Note: Can be used in conjunction with models AJ-835300, AJ -122300 and AJ-114140



4-HOLE ADAPTERS

4-HOLE SOCKET ADAPTER

Part#	Material	Build Height		Weight	
AJ-122100	Aluminum	14mm	9/16"	46g	1.6oz



4-HOLE PYRAMID ADAPTER JUNIOR

Part#	Material	Build Height		Weight	
AJ-235100	Titanium	7mm	9/32"	42g	1.48oz



4-HOLE PYRAMID RECEIVER ADAPTER JUNIOR

Part#	Material	Build Height		Weight	
AJ-245100	Titanium	14mm	9/16"	50g	1.76oz



PEDIATRIC 4-HOLE ADAPTER

Part#	Material	Build Height		Weight	
AJ-124300	Stainless Steel	8,5mm	5/16"	58g	2oz



TUBE CLAMPS

TUBE CLAMP PYRAMID RECEIVER JUNIOR

Part#	Material	Build Height		Weight	
AJ-345100	Titanium	15mm	19/32"	55g	1.94oz



JUNIOR ADAPTERS WEIGHT LIMIT 60KG (132LBS)

SINGLE ADAPTERS

SINGLE PYRAMID RECEIVER JUNIOR

Part#	Material	Length		Weight	
AJ-445100	Titanium	100mm	3 15/16”	71g	2.5oz



SINGLE PYRAMID RECEIVER 5MM OFFSET JUNIOR

Part#	Material	Length		Weight	
AJ-445120	Titanium	100mm	3 15/16”	79g	2.8oz



PYRAMID ADAPTERS

THREADED PYRAMID ADAPTER JUNIOR

Part#	Material	Build Height		Weight	
AJ-835300	Titanium	14mm	9/16”	35g	1.23oz



DOUBLE ADAPTER

ADULT PYRAMID TO JUNIOR PYRAMID RECEIVER

Part#	Material	Build Height		Weight	
AJ-535200	Titanium	14mm	9/16”	55g	1.94oz



ÖSSUR POST-OP SOLUTIONS



ÖSSUR RIGID DRESSING



ICEROSS POST-OP TT LINER



ICEROSS POST-OP TF LINER

POST-OP THERAPY BY ÖSSUR

INTRODUCTION

For the last decade, Iceross silicone liners have been used in hospitals for compression therapy following transtibial amputation with good results. It is important for health care specialists who are planning to use this method to adapt the protocol to their own environment.

Results from the use of an Iceross Post-Op liner will be obtained if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5-7 days.

Compression therapy with the Iceross Post-Op liner should start 5-7 days following amputation surgery. Use of the silicone liner at this early stage is essential, as the largest change in residual limb volume occurs during the first weeks after amputation. Compression therapy is effective during this period. The liner is introduced gradually ensuring the amputee and their residual limb become accustomed to the compression and new environment.

Post-Op therapy with the ORD and Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.

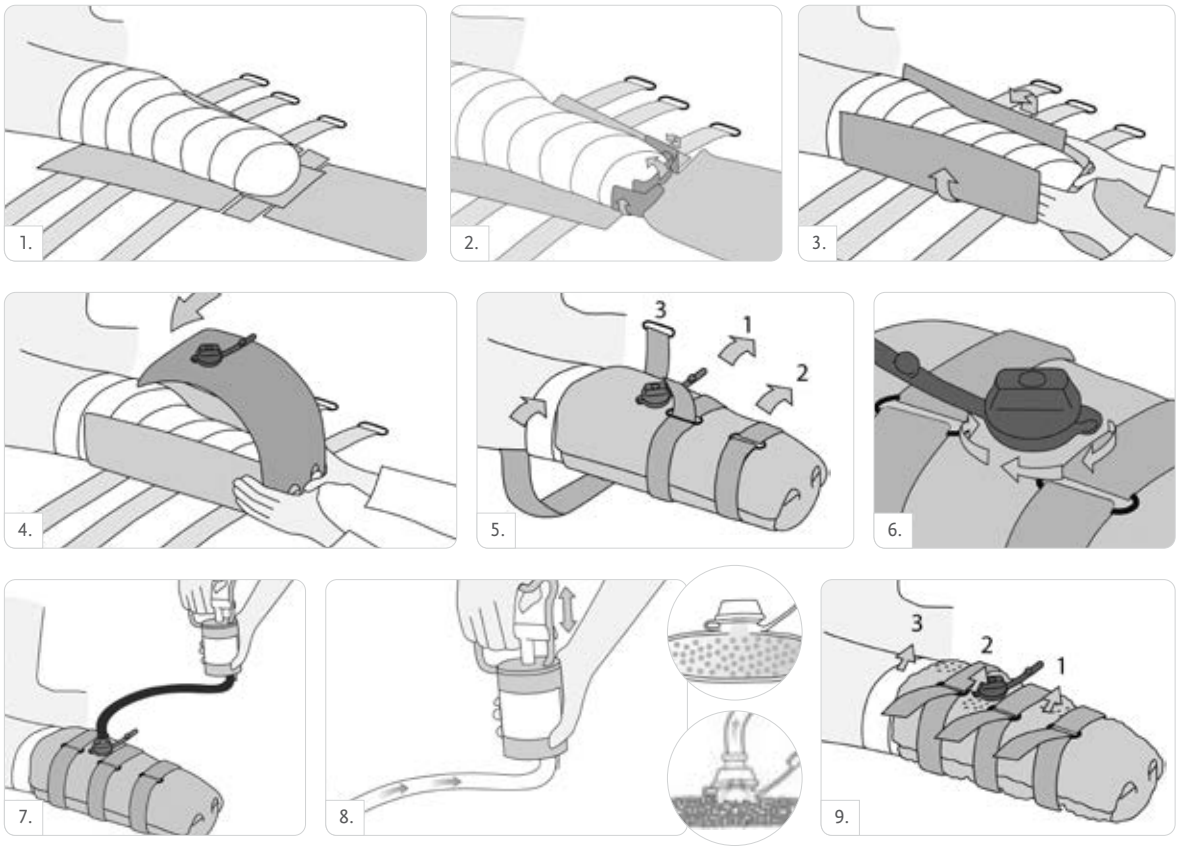
CHARACTERISTICS

POST-OP THERAPY BY ÖSSUR

Post-Op Therapy with ORD and the Iceross Post-Op liner ensures a high quality compression treatment. It shapes the residual limb and enables it to mature more effectively.



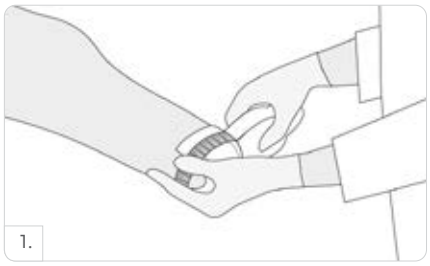
ÖSSUR RIGID DRESSING (ORD)

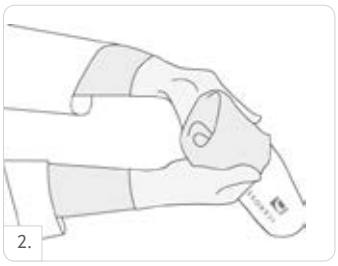


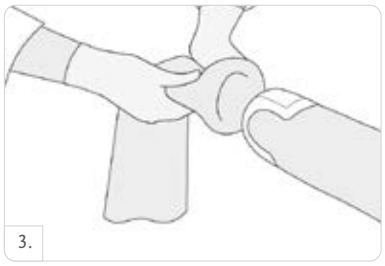
POST-OP THERAPY BY ÖSSUR

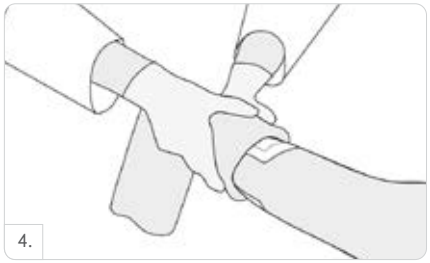
INTRODUCTION

ICEROSS POST-OP THERAPY


1.


2.


3.


4.


5.

ÖSSUR RIGID DRESSING (ORD)

The Össur Rigid Dressing immobilises, protects and controls post-operative oedema in the residual limb immediately following transtibial amputation surgery.

Immobilisation and oedema control are achieved by providing a firm dressing formed to match the volume and shape of the residual limb.

Immobilisation assists in the prevention of contractures by restricting knee flexion. Effectively constraining and matching the volume of the residual limb will prevent an increase in oedema following surgery. Containing the residual limb prevents discomfort, caused by bed trauma and possible falls during early rehabilitation.

The ORD is made out of soft and pliable material and can thus be formed to the residual limb. The dressing is then made rigid by creating a vacuum in the internal chambers of the product.



SIZE SELECTION

Size	Circumference 4 cm from Distal End of Residual Limb	Circumference 50 cm from Distal End of Residual Limb
Small	Up to 42 cm	Up to 58 cm
Large	42-65 cm	58-70 cm

Note: All circumference measurements are taken over dressings and padding material.

PART NUMBER INFORMATION - ÖSSUR RIGID DRESSING (ORD)

Part#	Description	Size
K-239100	Össur Rigid Dressing	Small
K-239101	Össur Rigid Dressing	Large
K-239105	Vacuum Pump for Rigid Dressing	



ICEROSS® POST-OP TT LINER



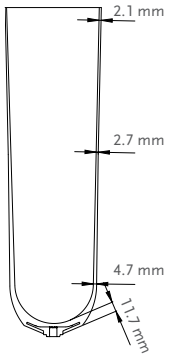
The Iceross POST-OP liner is used for compression therapy. Best results are obtained with an Iceross POST-OP liner if an Össur Rigid Dressing (ORD) has been applied to the residual limb immediately following amputation surgery and used for 5–7 days. The Iceross POST-OP liner features a Easy Glide coating that makes donning and doffing easier.

Early treatment with an Iceross POST-OP liner has been shown to assist early mobilisation and speed up the wound healing process of the residual limb. This makes it possible to provide the amputee with a prosthesis at an earlier stage, leading to less dependence on medical staff.

Compression therapy with the Iceross POST-OP liner gives the residual limb an optimal shape for prosthetic socket fitting, thereby reducing the risk of prosthetic complications. The liner is autoclavable and can be used with an interim socket.

The main objectives of Iceross POST-OP liner use are to:

- Reduce the wound healing time
- Assists in Oedema reduction
- Support the reduction of the stump volume
- Accelerate the time to prosthetic fitting





User Information	
Amputation Level:	Transtibial
User:	New amputee
Liner Information	
Sizes:	22,23.5,25,26.5,28,30,32,34,36,38,40,42,45.
Profile:	2mm
Matrix:	10cm

FEATURES



STABILISING MATRIX



EASY GLIDE

PART NUMBER INFORMATION - ICEROSS POST-OP

Part#	Profile	Suspension Method	Matrix
I-PO12XX	2mm	Locking	10cm

ICEROSS® POST-OP TF LINER

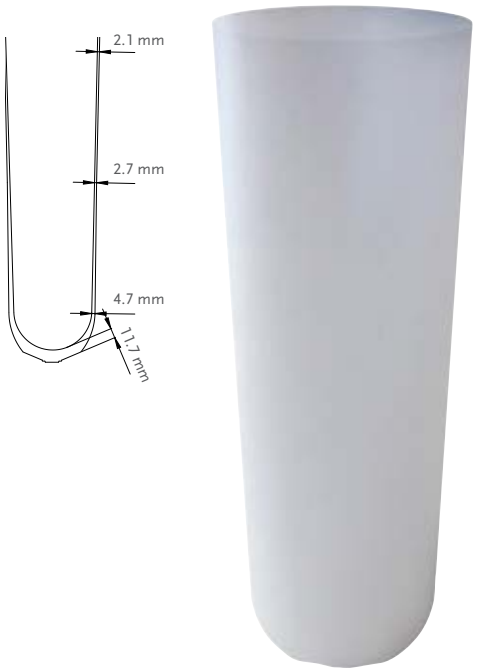
The Iceross POST-OP liner is used for compression therapy. The Iceross POST-OP liner features a Easy Glide coating that makes donning and doffing easier.

Early treatment with an Iceross POST-OP liner has been shown to assist early mobilisation and speed up the wound healing process of the residual limb. This makes it possible to provide the amputee with a prosthesis at an earlier stage, leading to less dependence on medical staff.

Compression therapy with the Iceross POST-OP liner gives the residual limb an optimal shape for prosthetic socket fitting, thereby reducing the risk of prosthetic complications. The liner is autoclavable.

The main objectives of Iceross POST-OP liner use are to:

- Reduce the wound healing time
- Assists in Oedema reduction
- Support the reduction of the stump volume
- Accelerate the time to prosthetic fitting



User Information	
Amputation Level:	Transfemoral
User:	New amputee
Liner Information	
Sizes:	30, 32, 34, 36, 38, 40, 42, 45, 50, 55
Profile:	2mm

FEATURES

EASY GLIDE

PART NUMBER INFORMATION - ICEROSS POST-OP

Part#	Profile	Suspension Method
I-PO22XX	2mm	N/A

ÖSSUR ICELOCK® SERIES



ICELOCK 100 SERIES



ICELOCK 200 SERIES



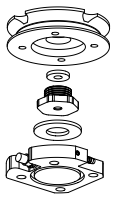
ICELOCK 300 SERIES



ICELOCK 400 SERIES



ICELOCK 500 SERIES



ICELOCK 544 SERIES



ICELOCK 562 HYBRID



ICELOCK 600 SERIES



ICELOCK 700 SERIES



ICELOCK 850 HYBRID

ÖSSUR ICELOCK® SERIES

ICELOCK CHARACTERISTICS

RATCHET PIN

Used with Iceross® locking liners for moderate and highly active prosthetic users with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The ratchet pin makes an audible clicking sound when it engages.



CLUTCH PIN

Used with Iceross locking liners for prosthetic users of all activity levels who have fleshy residual limbs. The user dons the prosthesis by winding into the socket rather than pushing or stepping into it.



SMOOTH PIN

Used with Iceross locking liners for moderate and highly active prosthetic users with bony residual limbs who prefer the security of stepping into the prosthesis to don the socket. The lock is silent when it engages, but provides a secure suspension along the entire length of the pin.



LANYARD

Used with Iceross locking liners for new prosthetic users or low to moderately active individuals with fleshy residual limbs who prefer to be pulled into the socket to don the prosthesis. This suspension system allows the user to apply their prosthesis while sitting down.



DISTAL VALVE

Designed for use with Iceross cushion liners for prosthetic users of all activity levels that cannot tolerate a distal attachment or prefer suction suspension to a mechanical method. Used in conjunction with a suspension sleeve, this suspension system allows the user to apply their prosthesis while sitting down.



EXPULSION VALVE

Designed for use with all Iceross Seal-In® liners. Can also be used with Cushion liners and the Sleeve.



WEATHERPROOF

A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.



WEATHERPROOF

WATERPROOF

Whether it's fresh water, salt water or chlorinated water, Waterproof Össur products will give you the maximum protection you need. The use of first-rate materials provides permanent protection against harmful ingress of water, even after submersion, whilst continuing to provide the functionality you expect.



WATERPROOF

ICELOCK® 100 SERIES



RATCHET LOCK WITH INTEGRATED PYRAMID

- Interchangeable
- Easy to use - single lamination
- Rated up to 120kg (265lbs)
- All impact levels



Part#	Description	Ratings		Build Height		Weight	
L-125000	Icelock 125 Ratchet Stainless Steel Pyramid	265lbs	120kg	22mm	7/8"	115g	4.5oz



Part#	Description	Ratings		Build Height		Weight	
L-180001	Icelock 100 Fabrication Kit without Braid	N/A		22mm	7/8"	99g	3.5oz



ACCESSORIES

Part#	Description
L-192000	Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches
L-192003	Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches
L-192005	Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches

ICELOCK® 200 SERIES



The Icelock 200 series offers strong and durable locks with removable clutch mechanisms. Icelock 200 series is a great product for transfemoral amputees and is therefore ideal to use in conjunction with the Iceross® Transfemoral liner.



CLUTCH LOCKS

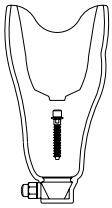
- Low build height and light-weight
- Wear-resistant stainless steel pin guide
- Secure clutch mechanism tested to tolerate at least 300kg (660lbs) pull
- Ability to change from Lanyard to Clutch
- All impact levels

DIAGRAM

ICELOCK CLUTCH 211

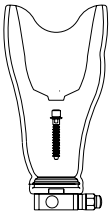


With
Pyramid* Adapter



Without
Pyramid* Adapter

ICELOCK CLUTCH 214

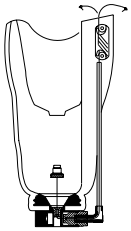


With
4-Hole Adapter



With
AK Offset Adapter

ICELOCK LAYNARD 234



With
4-Hole Adapter

* Note: pyramid must be purchased separately

ICELOCK 211 OVERVIEW



Attachment Pin, Clutch



Icelock Clutch 211



Icelock Stainless Steel Pyramid 273
Icelock Titanium Pyramid 272

ICELOCK® 200 SERIES

DIAGRAM

ICELOCK 214 OVERVIEW



Attachment Pin, Clutch | Fabrication Ring | Clutch Mechanism and Lock Body, 4-Hole

PART NUMBER INFORMATION - LOCKS

Part#	Description	Ratings		Build Height		Weight	
L-211000	Icelock Clutch 211 (No Adapter)	N/A		21mm	13/16"	78g	2.8oz



Part#	Description	Ratings		Build Height		Weight	
L-214000	Icelock Clutch 214 (Aluminum 4-Hole Adapter)	120kg	265lbs	25mm	1"	186g	6.6oz



To change from clutch to lanyard, order L-292050 Lanyard Adaptation Kit.

Part#	Description	Ratings		Build Height		Weight	
L-234000	Icelock Lanyard 234	120kg	265lbs	25mm	1"	168g	5.9oz



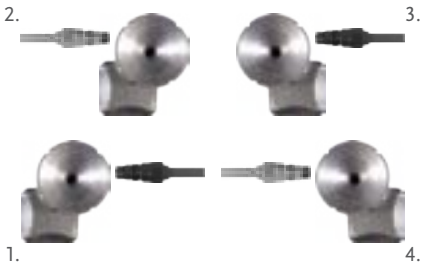
To change from lanyard to clutch, order L-292020 Clutch Mechanism and T-wrench.

ICELOCK CLUTCH 214 AK OFFSET*

Ratings		Build Height		Weight	
136kg	300lbs	18mm	3/4"	314g	11oz

Picture	Part#	Description
1.	L-214311	For left leg with release button on medial side
2.	L-214312	For left leg with release button on lateral side
3.	L-214322	For right leg with release button on lateral side
4.	L-214321	For right leg with release button on medial side

*30mm posterior and 20mm lateral offset



ICELOCK® 200 SERIES

PYRAMIDS FOR ICELOCK CLUTCH 211

Part#	Description	Ratings		Build Height		Weight	
L-272000	Icelock Titanium Pyramid 272	166kg	365lbs	9mm	6/16'	76g	2.7oz



Part#	Description	Ratings		Build Height		Weight	
L-273000	Icelock Stainless Steel Pyramid 273	100kg	220lbs	8mm	5/16'	64g	2.3oz



ADAPTERS

Part#	Description	Weight Limit	
A-233600	4-Hole Pyramid Al	110kg	242lbs
A-233680	4-Hole Round Pyramid Al	110kg	242lbs
A-242600	4-hole Pyramid Receiver Al	110kg	242lbs
A-235100	4-Hole Pyramid, Titanium	166kg	365lbs
A-245100	4-Hole Pyramid Receiver, Titanium	166kg	365lbs

Socket adapters see table of contents for page.

COMPONENTS FOR ICELOCK 211

Part#	Description
L-292015	Lock Body with guide (without Dummy Screw)
L-292122	Dummy Screw
L-292126	Delrin Guide
L-293045	Silicone Seal
L-292121	Pin Tunnel
L-292032	Pyramid Bolt, long with o-ring

COMPONENTS FOR ICELOCK 211 AND 214

Part#	Description
L-292000	Attachment Pin Clutch, standard w/cap, length 40 mm, 12 notches
L-292003	Attachment Pin Clutch, short w/cap, length 25 mm, 7 notches
L-292005	Attachment Pin Clutch, long w/cap, length 56 mm, 17 notches
L-292020	Clutch Mechanism and T-wrench
L-293060	T-wrench
L-292131	Release Button, Delrin

COMPONENTS FOR ICELOCK 214 AK OFFSET

Part#	Description
L-292007	Attachment Pin Clutch Offset, length 39 mm, 12 notches

ICELOCK® 200 SERIES

COMPONENTS FOR ICELOCK PYRAMIDS 272 AND 273

Part#	Description
L-292032	Pyramid Bolt, long with o-ring (for 272 Pyramid)
L-293048	Silicone Fill for 272 Pyramid
L-293049	Silicone Fill for 273 Pyramid

COMPONENTS FOR ICELOCK 214

Part#	Description
L-292011	Lock Body 4-Hole with Guide (without Clutch Mechanism)
L-292040	Fabrication Kit (includes the five parts listed below)
L-292125	Lam/Therm Ring
L-292118	Delrin Tooling Body
L-292129	Delrin Tooling Screw
L-293042	Screw M6 x 33

COMPONENTS FOR ICELOCK 234

Part#	Description
L-292127	Pivot, Lanyard
L-292130	Bushing, Lanyard
L-392117	Elbow, Lanyard
L-392016	Pull Handle Lanyard
L-392018	Lanyard Cord with Connecting Screw
L-393012	Cord Cover 40cm/16", Lanyard
L-292050	Lanyard Adaptation Kit for Changing Icelock Clutch 214 to Icelock Lanyard 234

ICELOCK® 300 SERIES

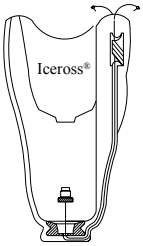


- Low build height
- Very light-weight
- Wear-resistant stainless steel pin guide
- Suitable for shower and water prostheses
- Low and moderate impact levels



DIAGRAM

ICELOCK LANYARD 331-L



For laminated sockets

ICELOCK LANYARD 331-T



For thermoplastic sockets

Part#	Description	Build Height		Weight	
L-331001	Lanyard 331-L (No Adapter)	12mm	1/2"	22g	0.77oz



Part#	Description	Build Height		Weight	
L-331002	Lanyard 331-T (No Adapter)	14mm	9/16"	42g	1.5oz



ICELOCK® 300 SERIES

COMPONENTS FOR L-331001

Part#	Description
L-392016	Pull Handle, lanyard
L-392018	Lanyard Cord with connecting screw



COMPONENTS FOR L-331002

Part#	Description
L-393012	Cord Cover 40cm, lanyard
L-392016	Pull Handle, lanyard
L-392112	Bottom Attachment, thermoplastic
L-393018	Screw 3.5 x 30mm



ICELOCK® 500 SERIES



Both Icelock Expulsion Valve 551 and 552 are designed to be used with all suction suspension systems. The valves are positioned in a housing that seals securely against the inner surface of the hard socket near the distal end. The valves expell air under positive pressure when entering a socket. During removal of the prosthesis the push button needs to be compressed to allow air back into the hard socket. The Icelock 500 Series can be used for all impact levels.

Part#	Description
L-551002	Icelock Expulsion Valve 551



The Icelock 551 Valve is an auto-expulsion and push button suction release in the same compact, easy to install package. (M 10). The valve is recommended for both Transtibial and Transfemoral users. The kit includes a flexible socket housing.

Part#	Description
L-552000	Icelock Expulsion Valve 552



Icelock 552 Valve is an auto-expulsion valve with push button for suction release. The core of the valve can be unscrewed to facilitate rapid donning and it makes it possible to pull donning socks through the valve. The valve can be used with a flexible interface and is recommended for Transfemoral users.

ICELOCK® 544 SERIES



The Icelock 544 Series consists of a variety of component configurations to support the use of elevated vacuum and expulsion. The series only uses one fabrication method that is compatible with all the component configurations so only a single fabrication enables access to all the different configurations.
Icelock 544 series is suitable for both transtibial and transfemoral amputees and fully compatible with Unity vacuum system as well as Iceross Seal-In.

FEATURES

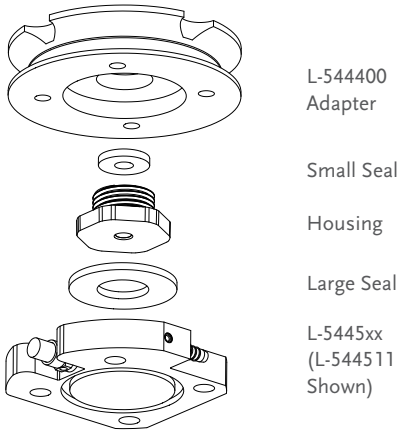
- Fabricate once, use the same socket for many different component configurations.
- Compatible with many different systems including: vacuum, expulsion, and Seal-In.

ICELOCK 544 SERIES KITS

With these kits, all componentry is included to build the Icelock 544 Series configurations. To the right is an exploded view of the components used in the final configuration and how they fit into the L-544400 Adapter.

EXAMPLE OF PARTS INCLUDED IN ICELOCK 544 KIT

- L-544400 Adapter
- Plate Lamination Dummy
- Small Seal
- Large Seal
- Housing
- Housing Lamination Dummy
- L-544XXX Plate
- Wrench
- M6x25mm Screws
- Vacuum Tube



ICELOCK 544 SERIES KIT EMEA

Part#	Description	Release button	Barb connector	Recommended Use	Color	Ratings		Weight	Build height
L-544611	Icelock 544 Kit Unity*	Yes	Yes	Unity vacuum system with Iceross Seal-In	Grey, Black	136kg	300lbs	216g	25.5mm
L-544621	Icelock 544 Kit Expulsion	Yes		Iceross Seal-In Expulsion	Orange, Black	136kg	300lbs	216g	25.5mm
L-544620	Icelock 544 Kit Expulsion Only			Sleeve Expulsion	Black, Black	136kg	300lbs	104g	16mm

*

ICELOCK® 544 SERIES

ICELOCK L-544400 SOCKET ADAPTER

The L-544400 Socket Adapter is the common base for the Icelock 544 Series Kits.

L-544400 is installed in a single seamless lamination and brings up quality and consistency in the overall manufacturing of the socket.

After installation, any of the Icelock 544 series valve plates will fit using only a 4mm hex key and Icelock 544 Wrench.

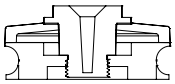
L-544400 SOCKET ADAPTER INCLUDES

- Aluminum socket adapter
- Lamination dummies and wrench





Wrench Tool



Adapter with Fabrication Components

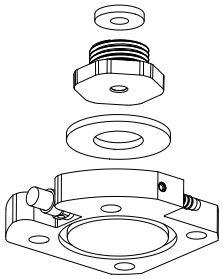
Part#	Description	Ratings		Weight	Build height
L-544400	Icelock 544 Socket Adapter	136kg	300lbs	98 g	16 mm

ICELOCK 544 SERIES VALVE PLATES AND CONNECTORS

Valve plates are available separate, without the socket adapter. To the right is an exploded example view of the components supplied with these Plates. All the necessary seals, check valves and housings are supplied with each plate/adapter.

PARTS INCLUDED WITH ICELOCK 544 PLATES

- Small Seal
- Large Seal
- Housing



Small Seal

Housing

Large Seal

L-5445xx
(L-544511 Shown)

EMEA

Part#	Description	Release button	Barb connector	Recommended Use	Color	Weight	Build height
L-544511	Icelock 544 Unity Plate	Yes	Yes	Unity vacuum system with Iceross Seal-In	Grey	118g	9.5mm
L-544521	Icelock 544 Expulsion Plate	Yes		Iceross Seal-In Expulsion	Orange	118g	9.5mm
L-544520	Icelock 544 Expulsion only			Sleeve Expulsion (Needs L-544400)	Black	6g	0

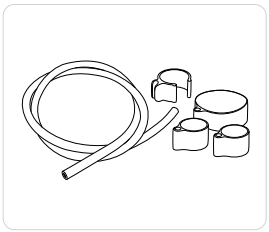
ICELOCK® 544 SERIES

ACCESSORIES AND SPARE PARTS FOR ICELOCK 544 SERIES

The spare parts kit contains everything you need to replace things that wear out or get lost.

PARTS INCLUDED IN THE ICELOCK 544 SERIES SPARE PARTS KIT

- 4 Small Duckbill Valves
- 2 Large Duckbill Valves
- 2 Small Seals
- 2 Large Seals
- Unity Tubing
- O-Rings
- M6x25mm Screws



Part#	Description
L-544010	Icelock 544 Series Spare Parts Kit
UTF0006	Unity TF Tube Kit

TOOLS

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 215 ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 215 ml - Composite 1 Minute



ICELOCK® 562 HYBRID



The Icelock 562 Hybrid is a lock for lower limb amputees of all activity levels, providing superior function by combining the benefits of locking suspension with the benefits of vacuum suspension.

Users can benefit from reduced pistoning and improved rotational control from Seal-In, yet keeping the mechanical connection they are used to with its perceptible feedback.



THE LOCK FEATURES:

- Option to change easily between locking suspension only, Seal-In only or combining these suspension mechanisms at the same time
- Low build height (with Pyramid integrated)
- Weatherproof
- Unity compatible
- Direct Socket compatible

The lock should be used with the Seal-In X Locking liner, movable seal-rings and an airtight socket.

Combine Seal-In Technology with Unity vacuum system for stabilisation of volume fluctuations and comfortable socket fit throughout the day.

Part#	Description	Ratings		Build Height		Weight	
L-562000	Icelock 562 Hybrid for Unity	166kg	365lbs	12mm	½“	164g	7.3oz
L-562500	Icelock 562 Hybrid for passive Vacuum	166kg	365lbs	12mm	½“	164g	7.3oz
L-562400	Icelock 562 Unity for Direct Socket	166kg	365lbs	12mm	½“	164g	7.3oz
L-562410	Icelock 562 passive Vacuum for Direct Socket	166kg	365lbs	12mm	½“	164g	7.3oz

OPTIONS FOR ICELOCK 562 HYBRID

Part#	Description
L-562100	Fabrication Kit (1 Distal Connector, 1 Fixation Dummy, 1 Manufacturing Dummy 1 & 2, 1 Central Screw, 4 Screws, 4 Spacers, 4 Nails,1 Aluminum Dummy, 1 Large Square Ring, 1 Large O-ring, 1 Small Square Ring)
L-562200	Lock Kit for Unity (1 Lock Body incl. Release Button & 90° Unity Connector, 1 Pin, 1 Outlet Port, 4 Screws)
L-562210	Lock Kit for passive Vacuum (1 Lock Body incl. Release Button, 1 Pin, 2 Outlet Ports, 4 Screws)
L-562300	Spare Part Kit (4 Expulsion Valves, 4 Bronze Filters, 2 Large Square Rings, 2 Small Square Rings, 2 Large O-Rings, 2 Small O-Rings)
L-562013	Outlet Port (for use of passive vacuum)
L-562014	90° Unity Tube Connector
L-562015	Handle of Release Unit
L-562016	Icelock 562 Attachment Pin

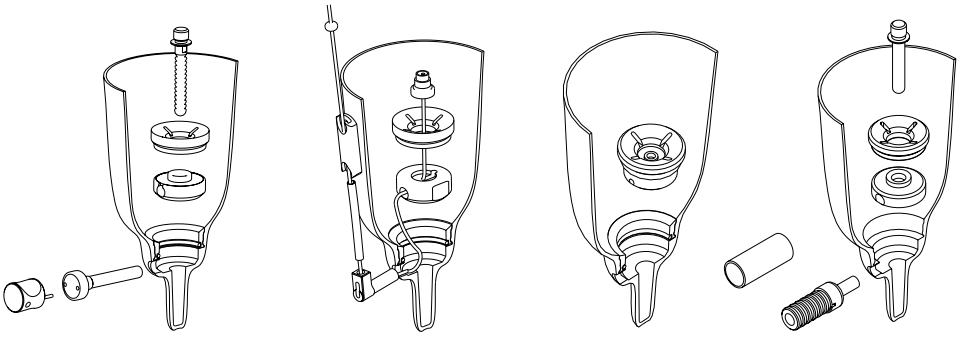
ICELOCK® 600 SERIES



- Extremely light-weight and low build height.
- Fabrication Tools make the weight fabrication process very effective
- Very strong and durable
- Socket Adapters rated up to
- 100kg (220lbs) and 166kg (365lbs)
- Easily interchangeable
- Removable from the inside of the socket
- All impact levels



DIAGRAM



Icelock Ratchet 621 | Icelock Lanyard 631 | Icelock Valve 641 | Icelock Smooth 651



Double lamination
choice of Socket Adapter



Single lamination
Icelock Titanium Pyramid 672
Icelock Stainless Steel Pyramid 673



Single lamination
Icelock Alloy 4-Hole 674
Icelock Titanium 4-Hole 675

ICELOCK 600 SERIES

Part#	Description	Build Height		Weight	
L-621000	Icelock 621 Ratchet (No Adapter)	15mm	9/16"	59g	2.01oz

Part#	Description	Build Height		Weight	
L-631000	Icelock 631 Lanyard (No Adapter)	15mm	9/16"	49g	1.7oz



ICELOCK® 600 SERIES

Part#	Description	Build Height		Weight	
L-641000	Icelock 641 Valve (No Adapter)*	15mm	9/16"	40g	1.4oz



Part#	Description	Build Height		Weight	
L-651000	Icelock 651 Smooth (No Adapter)*	15mm	9/16"	68g	2.4oz



Part#	Description
L-680000	Icelock 680 Fabrication Tools (Reusable)



Part#	Description
L-621100	Icelock 621 Adaption Kit*
L-631100	Icelock 631 Adaption Kit*
L-641100	Icelock 641 Adaption Kit*
L-651100	Icelock 651 Adaption Kit*

*For use when changing lock type

SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 600

Part#	Description	Ratings	
L-672000	Icelock 672 Titanium Pyramid	166kg	365lbs



Part#	Description	Ratings	
L-673000	Icelock 673 Aluminum w/stainless steel pyramid	100kg	220lbs



Part#	Description	Ratings	
L-674000	Icelock 674 Aluminum 4-Hole	100kg	220lbs



Part#	Description	Ratings	
L-675000	Icelock 675 Titanium 4-Hole	166kg	365lbs



SPECIALLY DESIGNED PYRAMID FOR ICELOCK 600 XM

Part#	Description	Build Height		Weight	
L-676000	Icelock 676 Aluminum 4-Hole	8mm	0.32"	114g	4.0oz



Part#	Description	Build Height		Weight	
L-662000	Icelock 662 Pyramid 4-Hole	18mm	0.71"	122g	4.3oz



RELEASE KEY

Part#	Description
L-692016	A tool to tighten and release the release unit (sold separately)



ICELOCK® 600 SERIES

COMPONENTS FOR ICELOCK 621

Part#	Description
L-692022	Icelock 600 Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-692110	Funnel
L-692027	Release Unit, long
L-192000	Attachment Pin Ratchet, standard w/cap, length 52mm, 13 notches
L-192003	Attachment Pin Ratchet, short w/cap, length 34mm, 7 notches
L-192005	Attachment Pin Ratchet, long w/cap, length 65mm, 17 notches

COMPONENTS FOR ICELOCK 631

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-692025	Bottom Attachment, lanyard
L-692110	Funnel
L-392018	Lanyard Cord with connecting screw
L-393012	Cord Cover 40cm
L-392016	Pull Handle
L-392117	Elbow, lanyard

COMPONENTS FOR ICELOCK 641

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-693125	O-ring 35 x 2.5 for Fabrication Ring
L-641100	Expulsion Valve/Adaptation Kit 641

ICELOCK® 600 SERIES

COMPONENTS FOR ICELOCK 651

Part#	Description
L-692022	Fabrication Ring with o-ring and silicone ring
L-692110	Funnel
L-693506	Smooth Pin, 43mm
L-693507	Smooth Pin, standard 53mm
L-693508	Smooth Pin, 63mm
L-693509	Smooth Pin, 75mm
L-692505	Smooth Lock
L-693504	Protective sleeve for push button
L-692501	Release Unit
L-693502	Push Button
L-693503	Dust Cap

COMPONENTS FOR ICELOCK TITANIUM 4-HOLE ADAPTER 675

Part#	Description
L-693120	Screw M6 x 20mm, plus

COMPONENTS FOR ICELOCK FABRICATION TOOLS 680 (ALL HARDENED STAINLESS STEEL)

Part#	Description
L-692010	Lock Dummy with o-ring
L-692119	Steel Guide
L-692120	Release Dummy, standard
L-692125	Release Dummy, long
L-692130	Pin Dummy, standard
L-692133	Pin Dummy, short
L-693110	Pin Dummy Bolt
L-692015	Hex Driver with o-ring
L-692017	Cross Driver with o-ring
L-693126	O-ring 4 x 2 for Hex and Cross Drivers

ICELOCK® 700 SERIES

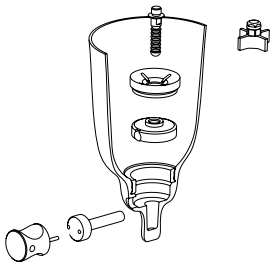


Designed to be used in conjunction with the Iceross Upper X and Iceross Junior liner systems.



- Low build height and compact design
- Light-weight
- Compatible for single or double lamination fabrication method
- 45kg (99lbs) weight limits on components
- Locking mechanisms are replaceable from inside of the socket
- All impact levels

DIAGRAM



Double lamination
Icelock Ratchet 721



Single lamination
Icelock Stainless Steel Pyramid 772



Single lamination
Icelock Alloy 4-hole 774

Part#	Description	Build height		Weight	
L-721000	Icelock 721 Ratchet, Small (No Adapter)*	13mm	1/2"	20g*	0.71oz



*Use with L-780000 Fabrication Tooling Kit

Part#	Description
L-780000	Icelock fabric tooling kit



SPECIALLY DESIGNED PYRAMIDS FOR ICELOCK 700

Part#	Description	Ratings	
L-772000	Icelock 772 Pyramid TI	45kg	99lbs



Part#	Description	Ratings	
L-774000	Icelock 774 Aluminum 4-Hole	45kg	99lbs



RELEASE KEY

Part#	Description
L-792016	A tool to tighten and release the release unit (sold separately)



ICELOCK® 700 SERIES

COMPONENTS FOR RATCHET LOCK 721

Part#	Description
L-792020	Ratchet Lock without Adapter, small
L-792110	Funnel, small
L-792150	Fabrication Ring, small
L-792027	Release Unit, small
L-792031	Pin Adapter*
L-792000	Attachment Pin Ratchet, 32mm
L-792005	Attachment Pin Ratchet, 56mm
L-793112	Silicone Seal, small

*Pin adapter 700 series to adult liner

COMPONENTS FOR FABRICATION (HARDENED STAINLESS STEEL)

Part#	Description
L-792119	Steel Guide, small
L-792120	Release Dummy, small
L-792130	Pin Dummy, small
L-692015	Hex Driver with o-ring
L-792017	Cross Driver with o-ring, small

ICELOCK® 850 HYBRID



The Icelock 850 Hybrid is a lock for lower limb amputees of all activity levels, providing superior function by combining the benefits of locking suspension with the benefits of vacuum suspension. The Quick Connect design allows for donning while seating and simple release with the push of a button.

Users can benefit from the reduced pistoning and improved rotational control of Seal-In while keeping the mechanical connection.

THE LOCK FEATURES:

- Option to change easily between locking suspension only, Seal-In only or combining these suspensions mechanisms at the same time.
- Simple release from liner with Quick Connect
- Waterproof*
- Unity compatible
- Compatible with Direct Socket, 4-hole lamination sockets and laminated sockets

For a Hybrid suspension system the lock should be used with the Seal-In X Locking TF liner, Icelock Expulsion Valve or Unity Expulsion valve, movable seal-rings and airtight socket. The lock can be used with any other Ossur pin liner for a locking suspension system.

Combine Seal-In Technology with Unity vacuum system for stabilisation of volume fluctuations and comfortable socket fit throughout the day.

* The locks are fully Waterproof, however the Direct Socket is rated Weatherproof so that combination will be Weatherproof.



Icelock 850 Hybrid
for Direct Socket

Icelock 850 Hybrid
for 4-Hole Socket

Quick Connect with
Icelock 850 Attachment Pin

Icelock 850 Hybrid
for Laminated Socket

ORDERING INFORMATION

ICELOCK 850 HYBRID

Part#	Description	Ratings		Build Height		Weight	
L-850001	Icelock 850 Hybrid for Direct Socket	166kg	365lbs	19mm	¾ “	151g	5.3oz
L-850002	Icelock 850 Hybrid for 4-hole lamination	166kg	365lbs	19mm	¾ “	151g	5.3oz
L-850003	Icelock 850 Hybrid for Laminated Sockets	N/A	N/A	N/A*	N/A*	77g	2.7oz

* Build height varies between socket fabrication method and offset built into socket.

ICELOCK® 850 HYBRID

ORDERING INFORMATION

SPARE PARTS FOR ICELOCK 850 HYBRID

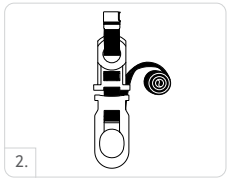
Picture	Part#	Description
1.	L-850106	Latch Lock Replacement Kit (includes 1 slider button with screw)
2.	L-850107	Routing Assembly Replacement Kit for L-850001 and L-850003 (includes 1 pre-assembled Quick Connect with strap, 1 routing insert and 1 latch)
2.	L-850108	Routing Assembly Replacement Kit for L-850002 (includes 1 pre-assembled Quick Connect with strap, 1 routing insert and 1 latch)
3.	L-850109	Replacement Latch Housing Kit (includes 1 latch housing and 1 latch housing frame)
4.	L-850313	Icelock 850 Attachment Pin
5.	L-850317	Quick Connect retrieval tool

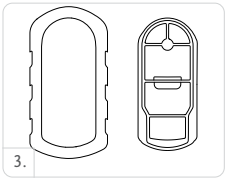
EXPULSION VALVES

Picture	Part#	Description
6.	L-551002	Icelock Expulsion Valve 551
7.	L-552000	Icelock Expulsion Valve 552
8.	UTF0001	Unity TF Valve Kit

Note: Expulsion valves need to be ordered seperately.

















TOOLS

CROSS DRIVER WITH O-RING

Part#	Description
L-692017	Cross Driver with o-ring

+PLUSERIES DISPENSER

Part#	Description
FSX80016	+Pluseries 215 ml Dispenser



+PLUSERIES ADHESIVE

Part#	Description
FSX80015	+Pluseries Adhesive 215 ml - Composite 1 Minute
FSX80017	+Pluseries Mixing Nozzle Includes: 6 Mixing Nozzles



ÖSSUR ADAPTERS

CHARACTERISTICS

WEATHERPROOF

A weatherproof device allows use in a wet and/or humid environment but does not allow submersion. Fresh water splashing against the enclosure from any direction shall have no harmful effect. Dry thoroughly after contact with fresh water. Fresh water: Includes tap water. Excludes salt and chlorinated water.



WEATHERPROOF

WATERPROOF

Whether it's fresh water, salt water or chlorinated water, Waterproof Össur products will give you the maximum protection you need. The use of first-rate materials provides permanent protection against harmful ingress of water, even after submersion, whilst continuing to provide the functionality you expect.



WATERPROOF

ÖSSUR ADAPTERS

KIT WITH LONG SET SCREWS FOR EXTREME ALIGNMENT

Part#	Material	Length	Quantity
A-960800	Stainless Steel	16mm	10pcs

KIT WITH LONG SET SCREWS FOR EXTREME ALIGNMENT

Part#	Material	Length	Quantity
A-960900	Steel	16mm	10pcs

WEIGHT LIMIT 100KG (220LBS)

SOCKET ADAPTERS

PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-134300	Stainless Steel Insert	31mm	1 1/4"	7.5mm	5/16"	94g	3.3oz



PYRAMID RECEIVER INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-144300	Stainless Steel	23mm	7/8"	14mm	9/16"	83g	2.9oz



TUBE CLAMPS

4-HOLE TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-322100	Aluminum	38mm	1 1/2"	4mm	3/16"	52g	1.8oz



SINGLE ADAPTERS

SINGLE PYRAMID - SHORT

Part#	Material	Height		Build Height		Weight	
A-433110	Aluminum with Stainless Steel Pyramid Insert	50mm	2"	35.5mm	1 3/8"	60g	2.1oz



SINGLE ADAPTER - LONG

Part#	Material	Height		Build Height		Weight	
A-433120*	Aluminum with Stainless Steel Pyramid Insert	77mm	3"	63mm	2 1/2"	86g	3oz

*77mm (3") overall, can be cut to length 70mm (2 3/4")



WEIGHT LIMIT 100KG (220LBS)

PYLONS

HEIGHT ADJUSTABLE PYLON

Part#	Material	Min. Height		Min. Build Height		Range of Adjustment		Weight	
A-542350	Aluminum	77mm	3"	77mm	3"	77-95mm	3-3 3/4"	190g	6.7oz



HEIGHT ADJUSTABLE PYLON - LONG

Part#	Material	Min. Height		Min. Build Height		Range of Adjustment		Weight	
A-542360	Aluminum	94mm	3 3/4"	94mm	3 3/4"	94-128mm	3 3/4-5"	220g	7.8oz



FOOT ADAPTER

SACH FOOT ADAPTER

Part#	Material	Height		Build Height		Weight	
A-833100	Aluminum with Stainless Steel Pyramid insert	25mm	1"	9.5mm	3/8"	105g	3.7oz



WEIGHT LIMIT 110KG (242LBS)

SINGLE ADAPTERS

SINGLE PYRAMID RECEIVER - SHORT

Part#	Material	Height		Build Height		Weight	
A-442600*	Aluminum	100mm	4"	100mm	4"	100g	3.5oz

*100mm (4") overall, can be cut to length 60mm (2 3/4")



SINGLE PYRAMID RECEIVER - LONG

Part#	Material	Height		Build Height		Weight	
A-442610*	Aluminum	200mm	7 7/8"	200mm	7 7/8"	160g	5.6oz

*200mm (7 7/8") overall, can be cut to length 60mm (2 3/4")



STANDARD ADAPTERS

DOUBLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-533600	Aluminum with Stainless Steel Pyramid Insert	41mm	1 5/8"	12mm	1/2"	85g	3oz



DOUBLE PYRAMID RECEIVER 32MM (1 1/4")

Part#	Material	Height		Build Height		Weight	
A-542610	Aluminum	32mm	1 1/4"	32mm	1 1/4"	85g	3oz



DOUBLE PYRAMID RECEIVER 45MM (1 3/4")

Part#	Material	Height		Build Height		Weight	
A-542620	Aluminum	45mm	1 3/4"	45mm	1 3/4"	100g	3.5oz



DOUBLE PYRAMID RECEIVER 60MM (2 3/9")

Part#	Material	Height		Build Height		Weight	
A-542630	Aluminum	60mm	2 3/9"	60mm	2 3/9"	110g	3.9oz



DOUBLE PYRAMID RECEIVER 75MM (3")

Part#	Material	Height		Build Height		Weight	
A-542640	Aluminum	75mm	3"	75mm	3"	125g	4.4oz



SOCKET ADAPTERS

4-HOLE SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-122600	Aluminum	18.5mm	3/4"	18.5mm	3/4"	85g	3oz



WEIGHT LIMIT 110KG (242LBS)

4-HOLE ADAPTERS, WITH SCREWS

4-HOLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-233600	Aluminum with Stainless Steel Insert	23.5mm	15/16"	9mm	3/8"	80g	2.8oz



4-HOLE ROUND PYRAMID

Part#	Material	Height		Build Height		Weight	
A-233680	Aluminum with Stainless Steel Insert	23.5mm	15/16"	9mm	3/8"	80g	2.8oz



4-HOLE PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-242600	Aluminum	16mm	5/8"	16mm	5/8"	65g	2.3oz



TUBE CLAMPS

TUBE CLAMP PYRAMID

Part#	Material	Height		Build Height		Weight	
A-333600	Aluminum with Stainless Steel Insert	56mm	2 3/16"	7mm	9/32"	85g	3oz



TUBE CLAMP PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-342600	Aluminum	50mm	2"	16mm	5/8"	80g	2.8oz



SHIFT ADAPTERS

TUBE CLAMP PYRAMID RECEIVER 14MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-342630	Aluminum	69mm	2 11/16"	35mm	2 3/8"	135g	4.8oz



PYLONS

PYLON SHORT AND LONG

Part#	Material	Length	
A-712610	Aluminum	250mm	9 3/4"
A-712620	Aluminum	400mm	15 3/4"



PYLON WITH PYRAMID RECEIVER - SHORT AND LONG

Part#	Material	Length	
A-742610	Aluminum	250mm	9 3/4"
A-742620	Aluminum	400mm	15 3/4"



PYLON WITH PYRAMID RECEIVER KIT - SHORT AND LONG

Part#	Material	Length	
A-762611	Aluminum	250mm	9 3/4"
A-762621	Aluminum	400mm	15 3/4"



WEIGHT LIMIT 125KG (275LBS)

4-HOLE PYRAMID RECEIVER 20/20 OFFSET

Part#	Material	Height		Build Height		Weight	
A-242610	Aluminum	22mm	7/8"	22mm	7/8"	135g	4.7oz



4-HOLE PYRAMID RECEIVER 20/20 OFFSET 10° RIGHT

Part#	Material	Height		Build Height		Weight	
A-242620	Aluminum	24mm	15/16"	24mm	7/8"	135g	4.7oz



4-HOLE PYRAMID RECEIVER 20/20 OFFSET 10° LEFT

Part#	Material	Height		Build Height		Weight	
A-242630	Aluminum	24mm	15/16"	24mm	7/8"	135g	4.7oz



PYRAMID TO PYRAMID RECEIVER WITH 8MM OFFSET AND 10 DEGREES ANGLE

Part#	Material	Height		Build Height		Weight	
A-554700	Stainless steel	40mm	1 37/64"	24mm	15/16"	153g	5.8oz



WEIGHT LIMIT 166KG (365LBS)

SOCKET ADAPTERS

PYRAMID SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-135100	Titanium	23mm	7/8"	8.5mm	5/16"	58g	2oz



4-HOLE SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-125100	Titanium	18.5mm	3/4"	18.5mm	3/4"	112g	4oz



4-PRONG SOCKET ADAPTER

Part#	Material	Height		Build Height		Weight	
A-114040	Stainless Steel	8mm	5/16"	8mm	5.4oz	158g	4oz



3-PRONG SOCKET ADAPTER

Part#	Material	Build Height		Weight	
A-114030	Stainless Steel	8mm	5/16"	124g	4.4oz



PYRAMID INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-135300	Titanium	31mm	1 1/4"	7.5mm	5/16"	56g	2oz



PYRAMID RECEIVER INSERT FOR PRONG

Part#	Material	Height		Build Height		Weight	
A-145300	Titanium	23mm	7/8"	14mm	9/16"	53g	1.9oz



PYRAMID RECEIVER INSERT FOR PRONG LP

Part#	Material	Height		Build Height		Weight	
A-145310	Titanium	9mm	3/8"	9mm	3/8"	33g	1.16oz



WEIGHT LIMIT 166KG (365LBS)

4-HOLE ADAPTERS, WITH SCREWS

4-HOLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-235100	Titanium	23mm	7/8"	8.5mm	5/16"	54g	1.9oz



4-HOLE PYRAMID WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-235300	Titanium	25mm	1"	10.5mm	7/16"	72g	2.5oz



4-HOLE PYRAMID WITH 5/16" / 8MM OFFSET

Part#	Material	Height		Build Height		Weight	
A-235400	Titanium	23mm	7/8"	8.5mm	5/16"	65g	2.3oz



4-HOLE PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-245100	Titanium	15.5mm	5/8"	15.5mm	5/8"	64g	2.3oz



4-HOLE PYRAMID RECEIVER WITH ROTATION

Part#	Material	Height		Build Height		Weight	
A-245300	Titanium	17.5mm	11/16"	17.5mm	11/16"	76g	2.7oz



4-HOLE ADAPTERS, WITH SCREWS

4-HOLE THREADED ADAPTER

Part#	Material	Height		Build Height		Weight	
A-124300	Stainless steel	11mm	7/16"	11mm	7/16"	97g	3.4oz



TUBE CLAMPS

PYRAMID TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-335100	Titanium	56mm	2 3/16"	5.5mm	3/16"	82g	2.8oz



TUBE CLAMP PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-345100	Titanium	50mm	2"	14mm	9/16"	78g	2.8oz



4-HOLE TUBE CLAMP

Part#	Material	Height		Build Height		Weight	
A-325100	Titanium	38mm	1 1/2"	2mm	1/16"	68g	2.4oz



*100mm (3 15/16") overall can be cut to 60mm (2 3/8") length

WEIGHT LIMIT 166KG (365LBS)

SINGLE ADAPTERS

SINGLE PYRAMID - SHORT

Part#	Material	Height		Build Height		Weight	
A-435110	Titanium	50mm	2 3/16"	35.5mm	3/16"	80g	2.8oz



SINGLE PYRAMID - LONG

Part#	Material	Height		Build Height		Weight	
A-435120*	Titanium	77mm	3"	63mm	1 1/2"	103g	3.6oz

*77mm (3") overall, can be cut to length 70mm (2 3/4")



SINGLE PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-445100*	Titanium	100mm	3 15/16"	100mm	3 15/16"	118g	4.2oz



DOUBLE ADAPTERS

DOUBLE PYRAMID RECIEVER - 32MM (11/4")

Part#	Material	Height		Build Height		Weight	
A-545110	Titanium	32mm	1 1/4"	32mm	1 1/4"	90g	3.2oz



DOUBLE PYRAMID RECEIVER - 45MM (13/4")

Part#	Material	Height		Build Height		Weight	
A-545120	Titanium	45mm	1 3/4"	45mm	1 3/4"	102g	3.6oz



DOUBLE PYRAMID RECEIVER - 60MM (2 3/8")

Part#	Material	Height		Build Height		Weight	
A-545130	Titanium	60mm	2 3/8"	60mm	2 3/8"	119g	4.2oz



DOUBLE PYRAMID RECEIVER - 75MM (2 15/16")

Part#	Material	Height		Build Height		Weight	
A-545140	Titanium	75mm	2 15/16"	75mm	2 15/16"	135g	4oz



DOUBLE PYRAMID

Part#	Material	Height		Build Height		Weight	
A-535100	Titanium	41mm	1 5/8"	12mm	1/2"	98g	3.5oz



PYRAMID ADAPTERS

THREADED PYRAMID

Part#	Material	Height		Build Height		Weight	
A-835300	Titanium	32.8mm	1 1/3"	18mm	3/4"	80g	2.8oz



THREADED PYRAMID RECEIVER

Part#	Material	Height		Build Height		Weight	
A-845300	Titanium	26mm	1"	26mm	1"	85g	3oz



WEIGHT LIMIT 166KG (365LBS)

PYLONS

PYLON PYRAMID RECEIVER - SHORT AND LONG

Part#	Material	Length	
A-748030	Titanium Pyramid, Aluminum Tube	250mm	9 3/4"
A-748040	Titanium Pyramid, Aluminum Tube	400mm	15 3/4"



PYLON PYRAMID RECEIVER KIT - SHORT AND LONG

Part#	Material	Length	
A-764111	Titanium Pyramid, Aluminum Tube, Titanium Tube Clamp	250mm	9 3/4"
A-764121	Titanium Pyramid, Aluminum Tube, Titanium Tube Clamp	400mm	15 3/4"



FOOT ADAPTER

SACH FOOT ADAPTER

Part#	Material	Height		Build Height		Weight	
A-835100	Titanium	25mm	1"	9.5mm	3/8"	110g	3.8oz



SHIFT ADAPTERS

SHIFT ADAPTER WITH TITANIUM

Part#	Material	Height		Build Height		Weight	
A-645210	Titanium	60mm	2 3/8"	60mm	2 3/8"	208g	7.3oz



KNEE ROTATION ADAPTER

UNITY® COMPATIBLE



Knee Rotation Adapter enables users to turn the knee 360°. It is made for TF amputees and is to be placed directly above the knee.

The Knee Rotation Adapter is a non-invasive, reusable prosthetic device designed for single patient use.

It is made to be used with all Össur bionic and mechanical knees.



KEY FEATURES

- Enables rotation of the lower leg/prosthesis
- Easy Handling: push one button to start rotation
- Unit locks automatically in neutral position
- Activities in limited space are possible (e.g. driving a car)
- Eases daily activities (e.g. putting on shoes)
- Patient can move into complex combination postures they could not otherwise do (e.g. sitting with legs crossed)

User Information	
Amputation Level:	Transfemoral and Knee Disarticulation
Impact Level:	Low to Moderate
Maximum Patient Weight:	125kg (275lbs)



WEATHERPROOF

ORDERING INFORMATION

KNEE ROTATION ADAPTER

Part#	Description	Material	Height		Build height		Weight	
A-554300	Knee Rotation Adapter	Stainless Steel	42mm	1.65"	27mm	1.06"	210g	7.41oz

VACU VALVE



The Vacu valve is an air expulsion valve for use in a vacuum socket system with knee sleeve for use in thermoplastic or laminated sockets. The Vacu valve can be used for all impact levels.



Part#	Description
1810723	Vacu valve



WEATHERPROOF

ÖSSUR UPPER LIMB

MECHANICAL



MCPDRIVER®



THUMBDRIVER®



PIPDRIVER®



GRIPLOCK FINGER®

BIONIC



i-LIMB® QUANTUM



i-LIMB® ULTRA



i-DIGITS® QUANTUM



i-DIGITS®

PASSIVE FUNCTIONAL



LIVINGSKIN®

ÖSSUR UPPER LIMB

CHARACTERISTICS

GESTURE CONTROL

i-Mo Technology enables an automated grip to be accessed by moving the i-Limb Quantum and i-Digits Quantum in one of four directions. The 4 chosen grips can be easily changed via the mobile app.



GESTURE CONTROL

APP CONTROL

Quick Grips provide instant access to various pre-programmed and custom My Grips, allowing huge versatility and flexibility in customizing the hands for a variety of daily activities.



APP CONTROL

MUSCLE CONTROL

Triggers are specific muscle signals that are used to instruct the i-Limb and i-Digits to activate a specific grip.



MUSCLE CONTROL

PROXIMITY CONTROL

Grip Chips are small Bluetooth enabled devices that allow users to enter any available grips, simply by moving their i-Limb Quantum or i-Digits Quantum device close to an object where a grip chip is placed.



PROXIMITY CONTROL

BODY-DRIVEN

The prostheses is body-activated, can be operated by the remnant finger's movements, and is designed to replicate the user's motion.



BODY-DRIVEN

TOUCH SCREEN CAPABILITY

The touch screen feature allows the wearer to use the prostheses to operate touch screen devices with the conductive tip option for accurate screen taps. This capability ensures accurate interaction and functionality with touch-screen devices.



TOUCH SCREEN CAPABILITY

PASSIVE POSITIONABLE

User can position the finger into varying degrees of flexion with locking positions to allow grasp on various sized objects.



PASSIVE POSITIONABLE

WATERPROOF

Whether it's fresh water, salt water or chlorinated water, Waterproof Össur products will give you the protection you need. The use of first-rate materials provides permanent protection against harmful ingress of water, even after submersion, whilst continuing to provide the functionality you expect.



WATERPROOF

MCPDriver®

The MCPDriver is a body-driven mechanical prosthesis. It is made of titanium linkages, a nylon backplate and finger fairings with a silicone interface. The device is anchored to the dorsal surface of the hand and is attached with a wrist strap and nylon ring on the residual finger(s). Each device is individually adapted to within millimetres of the user's unique anatomy to mimic the complex biomechanical function of a finger. The PIPDriver, MCPDriver, ThumbDriver and GripLock Finger are designed so they can be used alongside each other when required based on the needs of the individual.



- Provides grip stability
- Encourages bilateral hand use
- Allows for multiple pinches and grasps depending on the fingers involved, including: power, sphere, precision, two-point pinch, lateral pinch, tripod pinch and cylindrical grasp
- The silicone backplate interface adds comfort and cushioning
- Constructed from robust and durable high-quality material using advanced 3D printing technology
- Interchangeable rings allow for volume fluctuation
- Adjustable to fine tune alignment to the user's anatomy
- Ability to spread fingers apart and bring them back together to achieve the required grip
- Protects the residual limb from impact and abrasion

Code	Description
NPD1-0001	1 Digit w/Strap System
NPD1-0002	2 Digits w/Strap System
NPD1-0003	3 Digits w/Strap System
NPD1-0004	4 Digits w/Strap System


BODY-DRIVEN


TOUCH SCREEN CAPABILITY


WATERPROOF

Colors

Raven | Slate | Deep sea | Merlot | Forest | Dark plum | Glacier | Shamrock

Textures

Natural | Corduroy | Dots | Pebble | Bloom

Fasteners


Sky | Cobalt | Brass | Jade | Silver | Blush | Indigo | Emerald

MCPDriver®

EXTENDED WARRANTY

MCPDRIVER ADDITIONAL WARRANTY

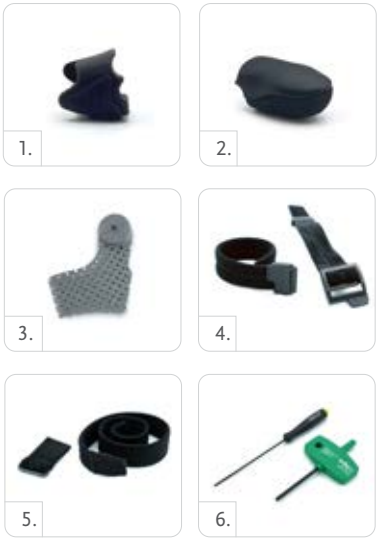
The MCPDriver comes with 2 years standard warranty. An additional year can be purchased for a total of 3 years coverage.

Part#	Description
NPD1-0074	Warranty-MCP 1DS-Add 1 Yr
NPD1-0076	Warranty-MCP 2DS-Add 1 Yr
NPD1-0078	Warranty-MCP 3DS-Add 1 Yr
NPD1-0080	Warranty-MCP 4DS-Add 1 Yr

MCPDRIVER COMPONENTS

The MCPDriver components can be used as replacement parts as part of regular maintenance of the device.

Picture	Part#	Description
	NPD1-0029	Fairing kit P2 Left, Any Color
1	NPD1-0030	Fairing kit P2 Right, Any Color
	NPD1-0031	Replacment Capacitive Tip, Any Color
2	NPD1-0036	Replacement Tip, Any Color
3	NPD1-0065	Lamination Backplate
	NPD1-0098	Palmar Strap Kit
4	NPD1-0108	Click Strap
	NPD1-0142	Adapter Gen 2 to Gen 3 Strap
5	NPD1-0106	Classic Strap
	NPD1-0117	Replacement Tip Raven
	NPD1-0118	Replacement Tip Slate
	NPD1-0123	Replacment Capacitive Tip Raven
	NPD1-0124	Replacment Capacitive Tip Slate
	NPD1-0125	Replacement P2 Right Raven
	NPD1-0126	Replacement P2 Left Raven
	NPD1-0127	Replacement P2 Right Slate
	NPD1-0141	Replacement P2 Right Slate
6	NPD1-0028	MCPDriver User Tool Kit



ThumbDriver®

The ThumbDriver is a body-powered mechanical prosthesis comprising titanium linkages, a nylon backplate and finger fairings with a silicone interface. It is anchored to the dorsal surface of the hand and is attached with a wrist strap and nylon ring on the residual finger(s). The device allows for user adjustment of thumb tip flexion or extension. Each device is individually adapted to within millimetres of the user's unique anatomy to mimic the complex biomechanical function of a finger. The PIPDriver, MCPDriver, ThumbDriver and GripLock Finger are designed so they can be used alongside each other when required based on the needs of the individual.





- Provides grip stability
- Encourages bilateral hand use
- Allows for multiple pinches and grasps depending on the fingers involved, including: power, sphere, precision, two-point pinch, lateral pinch, tripod pinch and cylindrical grasp
- The silicone backplate interface adds comfort and cushioning
- Constructed from robust and durable high-quality material using advanced 3D printing technology
- Interchangeable rings allow for volume fluctuation
- Adjustable to fine tune alignment to the user's anatomy
- Ability to spread the fingers apart and bring them back together to achieve the required grip
- Protects the residual limb from impact and abrasion

Code	Description
NPD1-0007	1 Digit w/Strap System (Standard)
NPD1-0008	1 Additional Digit w/Strap System
NPD1-0009	2 Additional Digits w/Strap System
NPD1-0010	3 Additional Digits w/Strap System
NPD1-0011	4 Additional Digits w/Strap System


BODY-DRIVEN

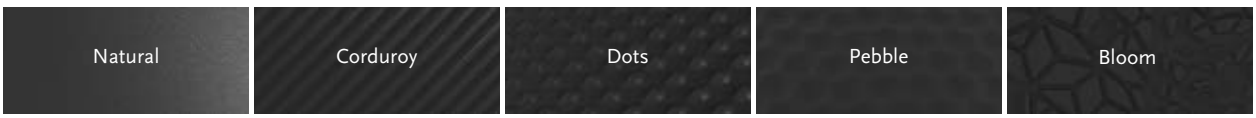

TOUCH SCREEN CAPABILITY


WATERPROOF

Colors

Raven | Slate | Deep sea | Merlot | Forest | Dark plum | Glacier | Shamrock

Textures



Fasteners



ThumbDriver®

EXTENDED WARRANTY

THUMBDRIVER ADDITIONAL WARRANTY

The ThumbDriver comes with 2 years standard warranty. An additional year can be purchased for a total of 3 years coverage.

Part#	Description
NPD1-0082	Warranty-MCP TH 1DS-Add 1 Yr
NPD1-0084	Warranty-MCP TH 2DS-Add 1 Yr
NPD1-0086	Warranty-MCP TH 3DS-Add 1 Yr
NPD1-0088	Warranty-MCP TH 4DS-Add 1 Yr
NPD1-0090	Warranty-MCP TH 5DS-Add 1 Yr

THUMBDRIVER COMPONENTS

The ThumbDriver components can be used as replacement parts as part of regular maintenance of the device.

Picture	Part#	Description
	NPD1-0019	Replacement Tip, Any Color
1	NPD1-0040	Anchor Plate
2	NPD1-0047	Thumb Nut
3	NPD1-0050	Thumb Tab Textile
4	NPD1-0104	Replacement Twisted Thumb Tip, Any Color
5	NPD1-0057	Thumb Click Strap
	NPD1-0100	Capacitive Shim Kit
	NPD1-0023	Thumb Classic Strap


1.


2.


3.


4.


5.

PIPDriver®

The PIPDriver is a body-driven mechanical finger prosthesis consisting of a frame made of nylon and titanium that is donned over the residual finger. The PIPDriver is designed for a partial-finger limb difference distal to the proximal interphalangeal (PIP) joint with sufficient length and range of motion to engage the device. Each device is individually adapted to within millimetres of the user's unique anatomy to mimic the complex biomechanical function of a finger. The PIPDriver, MCPDriver, ThumbDriver and GripLock Finger are designed so they can be used alongside each other when required based on the needs of the individual.



- Provides grip stability
- Encourages bilateral hand use
- Allows for multiple pinches and grasps depending on the fingers involved, including: power, sphere, precision, two-point pinch, lateral pinch, tripod pinch and cylindrical grasp
- Easy to clean, care for, don and doff
- Constructed from robust and durable high-quality material using advanced 3D printing technology
- Protects the residual limb from impact and abrasion

Code	Description
NPD1-0005	Standard PIPDriver
NPD1-0006	Capacitive PIPDriver


BODY-DRIVEN


TOUCH SCREEN CAPABILITY


WATERPROOF

Colors

Raven | Slate | Deep sea | Merlot | Forest | Dark plum | Glacier | Shamrock

Textures

Natural | Corduroy | Dots | Pebble | Bloom

Fasteners


Sky | Cobalt | Brass | Jade | Silver | Blush | Indigo | Emerald

PIPDriver®

EXTENDED WARRANTY

PIPDRIVER ADDITIONAL WARRANTY

The PIPDriver comes with 2 years standard warranty. An additional year can be purchased for a total of 3 years coverage.

Part#	Description
NPD1-0068	Warranty-PIP-Add 1 Yr
NPD1-0072	Warranty-CAP PIP-Add 1 Yr

PIPDRIVER COMPONENTS

The PIPDriver components can be used as replacement parts as part of regular maintenance of the device.

Part#	Description
NPD1-0100	Capacitive Shim Kit
NPD1-0044	Universal shim kit

GripLock Finger®

The GripLock Finger is a passive, positionable prosthesis designed for individuals with partial-hand limb difference proximal to the MCP joint. It is intended to be used as part of a system fabricated and fitted by a certified prosthetist. Adding a GripLock Finger restores digit length and can be a valuable aid for participating in everyday activities.



Users can position the finger into varying degrees of flexion by using their opposing hand or a hard surface. Once flexed, there are two methods of returning it to its extended position:

1. by depressing the Pawl located at the dorsal side of the GripLock Finger or
2. by fully flexing the GripLock Finger until the flexion release point is reached, and then allowing it to release.

Load rating: 90+ kg (200+ lb)
Lifecycle: 300,000 cycles min

The PIPDriver, MCPDriver, ThumbDriver and GripLock Finger are designed so they can be used alongside each other when required based on the needs of the individual.

- Provides grip stability
- Encourages bilateral hand use
- Field-serviceable fairings
- Silicone fingertip pad
- Machined aluminium
- Case-hardened stainless steel

Code	Description
NPD1-0012	GripLock Finger

EXTENDED WARRANTY

GRIPLOCK FINGER ADDITIONAL WARRANTY

The GripLock Finger comes with 2 years standard warranty. An additional year can be purchased for a total of 3 years coverage.

Part#	Description
NPD1-0070	Warranty-GLF-Add 1 Yr

Colors

Raven	Slate	Deep sea	Merlot	Forest	Dark plum	Glacier	Shamrock

GripLock Finger®

GRIPLOCK FINGER COMPONENTS

The GripLock Finger components can be used as replacement parts as part of regular maintenance of the device.

Picture	Part#	Description
1	NPD1-0026	GripLock Jig
2	NPD1-0052	GripLock Anchor Kit plus All Components
	NPD1-0035	GripLock Capacitive Tip, Any Color
3	NPD1-0058	Anchor
4	NPD1-0051	Anchor with Tabs
5	NPD1-0039	Replacement Tip
6	NPD1-0027	GripLock Anchor Dummy
7	NPD1-0042	Replacement P2
8	NPD1-0064	GLF User toolkit


1.


2.

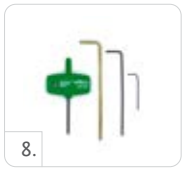

3.


4.


5.


6.


7.


8.

MECHANICAL UPPER LIMB COMPONENTS

The Mechanical Upper Limb components can be used as replacement parts as part of regular maintenance across various devices in the mechanical upper limb portfolio.

Picture	Part#	Description
1	NPD1-0043	Replacement Ring
2	NPD1-0044	Universal Shim Kit, Standard Size
	NPD1-0100	Gen 3 Capacitive Shim Kit
3	NPD1-0045	Anchor Hardware Kit
4	NPD1-0048	Ring Hardware Kit
	NPD1-0033	Ring Sizing kit
5	NPD1-0095	MCP Length Visualizer
6	NPD1-0097	Single Articulating Tip Replacement Tip Medium, Any Color
	NPD1-0101	Single Articulating Tip Replacement Capacitive Tip Medium, Any Color
	NPD1-0119	Single Articulating Tip Replacement Tip Small Raven
	NPD1-0120	Single Articulating Tip Replacement Tip Medium Raven
	NPD1-0121	Single Articulating Tip Replacement Tip Large Raven
	NPD1-0122	Single Articulating Tip Replacement Tip Small Slate
	NPD1-0139	Single Articulating Tip Replacement Tip Medium Slate
	NPD1-0140	Single Articulating Tip Replacement Tip Large Slate


1.


2.


3.


4.


5.


6.

i-LIMB® FEATURE OVERVIEW



i-Limb® Quantum



i-Limb® Ultra



i-Limb® Access

i-Limb® Quantum	i-Limb® Ultra	i-Limb® Access
Compliant Grip with proportional control	Compliant Grip with proportional control	Compliant Grip with proportional control
Powered Thumb with manual override	Powered Thumb with manual override	Manually Rotatable Thumb
Gesture Control i-Mo Technology		
App Control Quick Grips®	App control Quick Grips®	App control Quick Grips®
Muscle Control Triggers	Muscle Control Triggers	Muscle Control Triggers
Proximity Control Grip Chips®		
24 automated grips	18 automated grips	12 automated grips
12 Custom My Grips®		
Speed & strength boost	Speed & strength boost	Speed & strength boost
Vari-Grip	Vari-Grip	
Natural hand mode	Natural hand mode	
Auto-Grasp	Auto-Grasp	Auto-Grasp
Hand health check via Biosim®/My i-Limb® app	Hand health check via Biosim®/My i-Limb® app	Hand health check via Biosim®/My i-Limb® app
XS, S, M, L	XS, S, M, L	XS, S, M, L
Color Options	Color Options	Color Options

i-LIMB® QUANTUM

The i-Limb Quantum multi-articulating myoelectric hand prosthesis is now crafted with titanium digits for a 50% increase in carry load, with Vari-grip and Speed Boost features providing up to 30% more grip force and 30% greater speeds.

The i-Limb Quantum is the only myoelectric hand which can change grips with a gesture. Gesture Control is enabled by moving the i-Limb Quantum in one of four directions to access the desired grip.

With its five independently motorized fingers and powered thumb rotation, with manual override, it provides the dexterity, coordination and finesse to handle a wide range of daily activities.

- Electronically rotating thumb, with manual override, automatically switches between lateral and oppositional grip patterns for optimum grip
- Select from up to 36 different grips available, both preprogrammed and customized to suit users daily activities
- Vari-Grip feature provides additional grip strength when applied
- Auto-Grasp - anti drop safety feature to prevent objects from slipping out of grasp
- Össur Care® package offers warranty support for up to 5 years (if additional purchased)
- Biosim® and My i-Limb® Apps for set up and personalisation of grips and features
- Available in 4 sizes – extra small*, small, medium, large
- Multiple covering options available to suit individual lifestyles
- Dorsal color options: standard black, white, titanium and carbon black

* Titanium digits only available on sizes Small, Medium and Large; XS digits are aluminum for light weight durability



CONTROL METHODS



i-MO
GESTURE CONTROL



TRIGGERS
MUSCLE CONTROL



QUICK GRIPS
APP CONTROL



GRIP CHIPS
PROXIMITY CONTROL

Device Weight			
	Extra Small	Small	Medium/Large
QWD	472 g/1.04 lbs	542 g/1.19 lbs	558 g/1.23 lbs
WD	432 g/0.95lbs	502 g/1.1 lbs	518 g/1.14 lbs
Flexion wrist	572 g/1.26 lbs	642 g/1.41 lbs	658 g/1.45 lbs
Friction wrist	467 g/1.03lbs	537 g/1.18 lbs	553 g/1.22 lbs

Technical Information	
Voltage	7.4 V (nominal)
Max. Current	5 A
Battery Capacity	Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 48kg/105lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

i-LIMB® QUANTUM

i-LIMB QUANTUM PACKAGES

Package	1	2	3	4	5	6
Package Code	TBX50140	TBX50141	TBX50142	TBX50143	TBX50144	TBX50145
 QWD / WD / Friction wrist	•		•		•	
 Flexion wrist		•		•		•
 Socket component kit	•	•	•	•	•	•
 Electrode kit	•	•	•	•	•	•
 Grip Chips			•	•	•	•
 Standard glove package	•	•	•	•		
 Enhanced glove package					•	•
 Battery and magnetic charge port	•	•	•	•	•	•
 Mains charger	•	•	•	•	•	•

Standard glove package includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, and Natural

Enhanced glove package includes 2 i-Limb Skin Match covers and 4 others from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

All packages include:

- Battery and magnetic charge port
- Mains charger

Code	Description
TBX50173	Touch Care Warranty i-Limb / i-Digits Year 3
TBX50174	Touch Care Warranty i-Limb / i-Digits Year 4
TBX50175	Touch Care Warranty i-Limb / i-Digits Year 5

i-LIMB® ULTRA

A myoelectric, multi-articulating prosthetic hand with five individually powered digits. Electrically rotating thumb with manual overide. Titanium digits for a 50% increase in carry load

- Individually motorized digits with compliant grip and stall-out ability
- Electronically rotatable thumb, with manual override, automatically switches between lateral and oppositional positions
- With our speed boost feature, digit speed can be increased by up to 30%
- App control provides instant access to Quick Grips® at the touch of an icon
- Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip
- 18 different automated grip options available
- Vari-Grip feature for additional grip strength
- Auto-Grasp - anti drop safety feature for added reassurance
- Össur Care® package offers warranty support for up to 5 years (if additional purchased)
- Biosim® and My i-Limb® Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available
- Dorsal color options: standard black, white, titanium and carbon black



* Titanium digits only available on sizes Small, Medium and Large; XS digits are aluminum forlight weight durability.'

CONTROL METHODS



TRIGGERS
MUSCLE CONTROL



QUICK GRIPS
APP CONTROL

Device Weight			
	Extra Small	Small	Medium/Large
QWD	472g/1.04lbs	512g/1.13lbs	528g/1.16lbs
WD	432g/0.95lbs	472g/1.04lbs	488g/1.08lbs
Flexion wrist	572g/1.26lbs	612g/1.35lbs	628g/1.38lbs
Friction wrist	467g/1.03lbs	507g/1.12lbs	523g/1.15lbs

Technical Information	
Voltage	7.4 V (nominal)
Max. Current	5 A
Battery Capacity	Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

i-LIMB® ULTRA

i-LIMB ULTRA PACKAGES

Package	1	2
Package code	TBX50185	TBX50186
 QWD / WD / Friction wrist	•	
 Flexion wrist		•
 Socket component kit	•	•
 Electrode kit	•	•
 Battery and magnetic charge port	•	•
 Mains charger	•	•

Standard glove package includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

All packages include:

- Battery and magnetic charge port
- Mains charger
- Standard glove package - includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS, Natural

Code	Description
TBX50173	Touch Care Warranty i-Limb / i-Digits Year 3
TBX50174	Touch Care Warranty i-Limb / i-Digits Year 4
TBX50175	Touch Care Warranty i-Limb / i-Digits Year 5

i-LIMB® ACCESS

A myoelectric, multi-articulating prosthetic hand that offers five individually powered digits and manually rotatable thumb.

- Individually motorized digits with compliant grip and stall-out ability
- Manually rotatable thumb that can be positioned between lateral and oppositional mode for creating different grip positions
- With our speed boost feature, digit speed can be increased by up to 30%
- App control provides instant access to Quick Grips® at the touch of an icon
- Muscle control uses specific muscle signals called triggers to instruct the hand to activate a specific grip
- 12 different automated grip options available.
- Össur Care® package offers warranty support for up to 5 years (if additional purchased)
- Biosim® and My i-Limb® Apps
- Available in 4 sizes – extra small, small, medium and large
- Multiple covering options available
- Dorsal color options: standard black, white, titanium and carbon black.



CONTROL METHODS



TRIGGERS
MUSCLE CONTROL



QUICK GRIPS
APP CONTROL



The i-Limb Access is also available with titanium strengthened fingers, which increase the carry load by 50%.
Available in the sizes S, M and L.

Device Weight			
	Extra Small	Small	Medium/Large
QWD	432g/0.95lbs	468g/1.03lbs	478g/1.05lbs
WD	392g/0.86lbs	428g/0.94lbs	438g/0.97lbs
Flexion wrist	532g/1.17lbs	568g/1.25lbs	578g/1.27lbs
Friction wrist	427g/0.94lbs	463g/1.02lbs	473g/1.04lbs

Technical Information	
Voltage	7.4 V (nominal)
Max. Current	5 A
Battery Capacity	Rechargeable lithium polymer; 7.4 V (nominal); 2000 mAh capacity; 1300 mAh capacity
Max. hand load limit (static limit)	40kg/88lbs (Extra Small) 90kg/198lb (Small/Medium/Large)
Finger carry load (static limit)	20kg/44lbs (Extra Small) 32kg/71lbs (Small/Medium/Large)
Time from full open to full close	0.8 seconds

i-LIMB® ACCESS

i-LIMB ACCESS PACKAGES

Package	1	2
Standard hand package code	TBX50042	TBX50043
Titanium hand package code	TBX50484	TBX50485
 QWD / WD / Friction wrist	•	
 Flexion wrist		•
 Socket component kit	•	•
 Electrode kit	•	•
 Battery and magnetic charge port	•	•
 Mains charger	•	•

Standard glove package includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS

*No Friction wrist available for Titanium i-Limb Access

All packages include:

- Battery and magnetic charge port
- Mains charger
- Standard glove package: includes 6 coverings from i-Limb Skin Active, Active TS, Contour, Contour TS

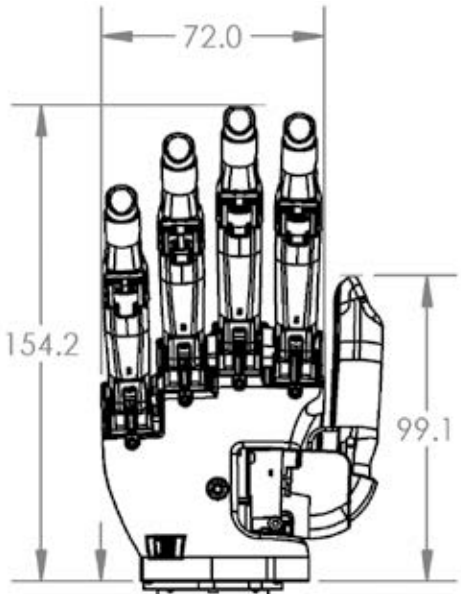
Code	Description
TBX50173	Touch Care Warranty i-Limb / i-Digits Year 3
TBX50174	Touch Care Warranty i-Limb / i-Digits Year 4
TBX50175	Touch Care Warranty i-Limb / i-Digits Year 5

i-LIMB® DIMENSIONS

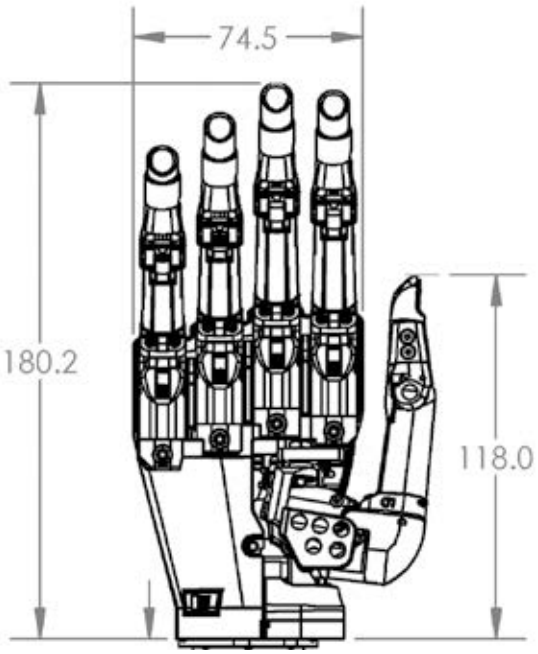
DIMENSIONS

Not to scale; lengths in mm

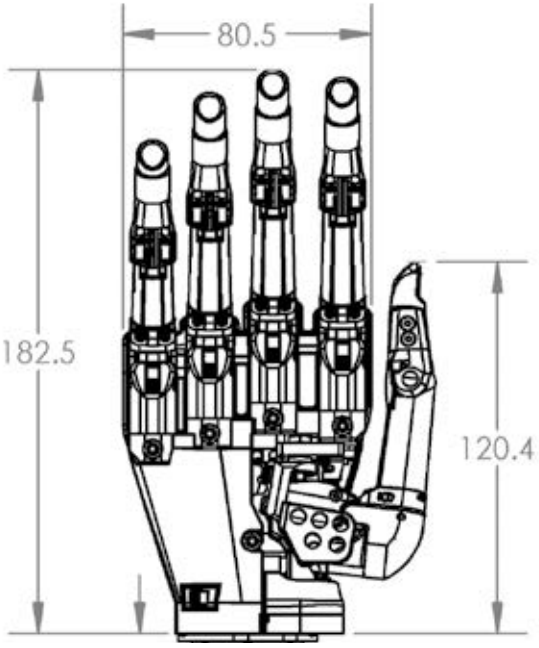
Extra Small Hand



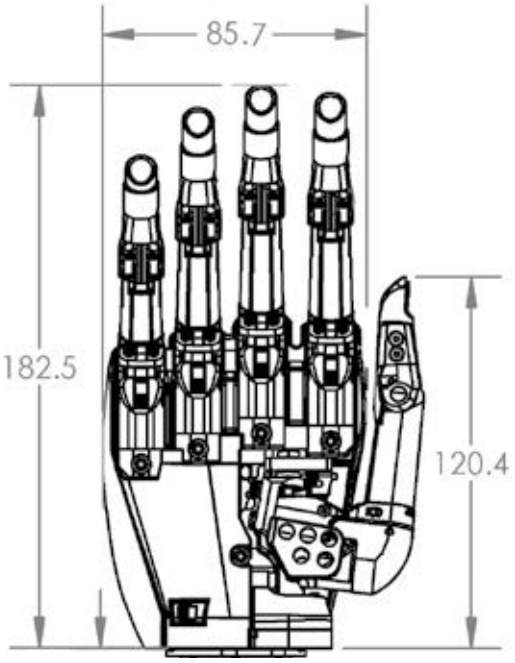
Small Hand



Medium Hand



Large Hand



i-LIMB® WRIST OPTIONS

WRIST OPTIONS

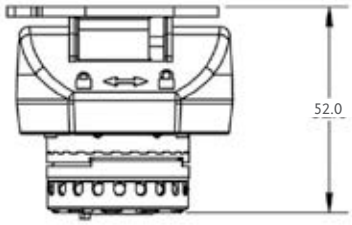
The i-Limb hand range is available with a variety of wrist options



Flexion Wrist

The Flexion Wrist offers passive wrist flexion and extension with the ability to lock it in 5 positions; +40° +20° 0° -20° -40°. The wrist is locked/unlocked with a simple magnetic lock.

Weight: 161 g / 0.35lbs

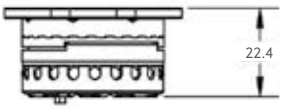




Quick Wrist Disconnect

Quick Wrist Disconnect (QWD) offers manual wrist rotation. The hand can be easily fitted to and removed from the prosthesis by the user.

Weight: 54 g / 0.12lbs





Friction Wrist

Friction Wrist is suitable for individuals with a long residual limb, offering manual wrist rotation. The hand cannot be removed from the prosthesis by the user.

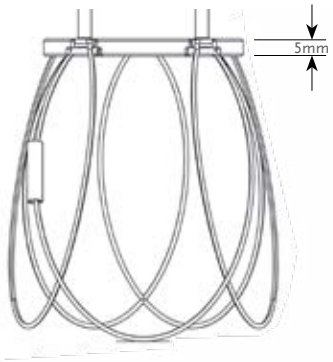
Weight: 49 g / 0.11lbs





Wrist Disarticulation

Wrist disarticulation (WD) is the lowest profile attachment, making it suitable for users with a long residual limb.
A lamination basket is fabricated directly to the socket. No rotation of the hand is possible, and the user is not able to remove the hand from the prosthesis.
Weight: 17 g / 0.04lbs



ELECTRODES

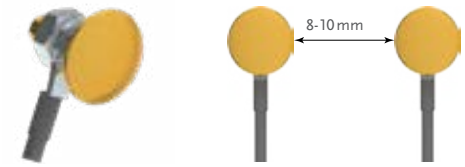
REMOTE ELECTRODES

- For use with all i-Limb® hands
- Gold-plated domes for optimised EMG signal
- 50 Hz or 60 Hz
- Dimensions 23 mm x 17.4 mm x 5.6 mm
- 10 mm diameter electrode domes
- Optimum electrode dome spacing is 8-10 mm
- Gain selection, 1-7
- Gain and threshold can be adjusted through Biosim®

Code	Description
PL069466B	50 Hz single site remote Electrode Kit, 300 mm cable
PL069468B	50 Hz single site remote Electrode Kit, 600 mm cable
PL069469B	60 Hz single site remote Electrode Kit, 600mm cable







The improvement in EMG amplitude is greater than 20 % when using gold-plated electrodes.

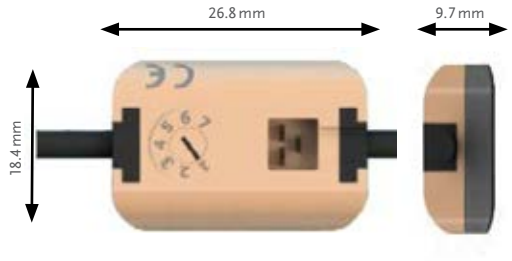
ELECTRODES

COMPACT ELECTRODES

- For use with all i-Limb® hands
- Medical grade stainless steel electrode contacts
- 50 Hz or 60 Hz
- Protection against dust and water spray, compliant with IP64
- Dimensions 26.8 mm x 18.4 mm x 9.7 mm
- Gain selection 1-7
- Gain and threshold can be adjusted using Biosim® software



Additional Kit Contents:
- Lamination and thermoplastic dummies
- Electrode cable (choice of 300 mm or 600 mm) and insulated displacement connector
- Electrode gain adjustment tool
- Socket attachment screws and anchors



Code	Description
PL091050A	Compact Electrode Kit, 50 Hz (300 mm cable)
PL091127A	Compact Electrode Kit 50 Hz (600 mm cable)
PL091128A	Compact Electrode Kit 60Hz (600mm cable)
PL091029A	3-way cable 300 mm
PL091030A	3-way cable 600 mm



CHARGERS & BATTERIES

MAGNETIC CHARGER PORT

- Touch sensitive on/off switch
- LED battery indicator with low level warning light
- Fail-safe feature - battery reserve prevents hand locking in closed position

Össur Touch Solutions batteries are required for use with i-Limb® hands.



Code	Description
PL000290A	Magnetic Charge Port, including Cable Adaptor
PL000335A	2000 mAh battery
PL000336A	1300 mAh battery

		i-Limb 1300 mAh Battery	i-Limb 2000 mAh Battery
Capacity		1300 mAh	2000 mAh
Battery Dimensions	Length	70 mm (2.76”)	80 mm (3.17”)
	Width	35 mm (1.39”)	44 mm (1.74”)
	Height	6 mm (0.24”)	7.5 mm (0.30”)
Application		Moderate Use	Heavy Use

CHARGERS

Only approved chargers should be used with products from the Touch Solutions range. Different chargers are available for different countries. Please ensure you use the correct charger for your product.

Picture	Code	Description
1	PL000291A	Mains Charger Power Supply Unit (also order mains cable)
	000312A	Mains Cable with UK plug



1.

REPLACEMENT PARTS

i-LIMB® REPLACEMENT PARTS

Grip Chips®

Can be used to store grips or favourites for i-Limb® Quantum and i-Digits® Quantum.

Code	Description
PL238300	Grip Chips Starter Kit & App Activation

Toolkit

Required for maintenance of the i-Limb® hand.

Code	Description
PL177001A	Repair Tool Kit T10
PL177002A	Repair Tool Kit T6
PL177003A	Repair Tool Kit T8
PL177004A	Repair Tool Kit T6 with torque driver

Coupling Piece & Coaxial Plug

For QWD connection.

Picture	Code	Description
1	PL091032B	Coupling piece
2	PL091036A	4-way Coaxial Plug

Lamination Ring

For lamination into prosthesis for QWD connection.

Picture	Code	Description
3	089003A	Lamination Ring 50 mm
	089003A	Lamination Ring 45 mm

QWD Tool

Required for assembly of a QWD.

Picture	Code	Description
4	MP091084A	Quick Wrist Disconnect (QWD) tool

WD Lamination Plate-Basket Assembly

For lamination into prosthesis with WD connection.

Picture	Code	Description
5	SA149003B	WD Lamination Plate/Basket Assembly
	036011A	Switchblock

Kits

Code	Description
PL091067B	Single Site Socket Component Kit, including one Electrode Kit
PL091068B	Dual Site Socket Component Kit,, including two Electrode Kits


1.


2.


3.



4.


5.

REPLACEMENT PARTS

EXTENDED WARRANTY

Additional Warranty

i-Limb hands come with 2 years standard warranty. Additional years can be purchased for a total of 5 years coverage

Code	Description
TBX50173	Touch Care Warranty i-Limb / i-Digits Year 3
TBX50174	Touch Care Warranty i-Limb / i-Digits Year 4
TBX50175	Touch Care Warranty i-Limb / i-Digits Year 5
TBX50604	Touch Care Warranty i-Limb / i-Digits Year 3, 4, 5

i-LIMB® REPLACEMENT DIGITS

XS Black

Code	Description
PL341004D	Digit size 2
PL341003D	Digit size 3
PL341002D	Digit size 5
PL341001D	Digit size 5TS
PL341005D	Thumb size 5

S/M/L Black

Code	Description
PL386000C	Digit size 2
PL387000C	Digit size 3
PL388000C	Digit size 5
PL390000C	Digit size 5TS
PL389000C	Digit size 6
PL391000C	Digit size 6TS
PL167000C	i-Limb Access Thumb size 5
PL288000C	i-Limb Quantum/Ultra Thumb size 5
PL168000C	i-Limb Access Thumb size 6
PL290000C	i-Limb Quantum/Ultra Thumb size 6

S/M/L Titanium

Code	Description
PL635000A	Digit size 2
PL636000A	Digit size 3
PL637000A	Digit size 5
PL639000A	Digit size 5TS
PL638000A	Digit size 6
PL640000A	Digit size 6TS
PL643000A	i-Limb Access Thumb size 5
PL641000A	i-Limb Quantum/Ultra Thumb size 5
PL644000A	i-Limb Access Thumb size 6
PL642000A	i-Limb Quantum/Ultra Thumb size 6

COVERINGS

i-LIMB SKIN® ACTIVE AND TS COVERS

The i-Limb Skin Active cover is designed for the i-Limb hands and will fully cover the hand. The palm and inner surface of the cover provide some frictional properties for slip resistance when gripping. The back of the glove is smooth to allow the hand to easily move through sleeves of clothing.

The i-Limb Skin Active TS allows users to use touchscreen devices such as smartphones or tablets with compatible i-Limb prostheses.
Note: for large i-Limb hands order medium covering.
Note: Transparent covering is designed for use with dorsal color options

i-Limb Skin Active Codes

Code	Description
PL353002A	i-Limb Skin Active RH extra small Clear
PL353003A	i-Limb Skin Active LH extra small Clear
PL353000A	i-Limb Skin Active RH extra small Black
PL353001A	i-Limb Skin Active LH extra small Black
092025A	i-Limb Skin Active RH small Clear
092026A	i-Limb Skin Active LH small Clear
092029A	i-Limb Skin Active RH small Black
092030A	i-Limb Skin Active LH small Black
092023A	i-Limb Skin Active RH medium Clear
092024A	i-Limb Skin Active LH medium Clear
092027A	i-Limb Skin Active RH medium Black
092028A	i-Limb Skin Active LH medium Black
TBX50045	i-Limb Skin Active (black or clear) x 4

i-Limb Skin Active TS Codes

Code	Description
PL380002A	i-Limb Skin Active RH extra small Clear TS
PL380003A	i-Limb Skin Active LH extra small Clear TS
PL380000A	i-Limb Skin Active RH extra small Black TS
PL380001A	i-Limb Skin Active LH extra small Black TS
MP092025B	i-Limb Skin Active RH small Clear TS
MP092026B	i-Limb Skin Active LH small Clear TS
MP092029B	i-Limb Skin Active RH small Black TS
MP092030B	i-Limb Skin Active LH small Black TS
MP092023B	i-Limb Skin Active RH medium Clear TS
MP092024B	i-Limb Skin Active LH medium Clear TS
MP092027B	i-Limb Skin Active RH medium Black TS
MP092028B	i-Limb Skin Active LH medium Black TS
TBX50047	i-Limb Skin Active TS (black or clear) x 4

COVERINGS

i-LIMB SKIN® CONTOUR AND TS COVERS

The i-Limb Skin Contour cover is a soft silicone glove that is anatomically shaped and is equipped with a slip coating inside for ease of donning & doffing.

The thicker tips and looser fitting on the i-Limb hand provides increased durability.

The i-Limb Skin Contour cover is available in 2 colors: clear and black.
Also available with Touch Screen (TS) option.
Note: for large i-Limb hands order medium covering.



i-Limb Skin Contour codes

Code	Description
PL353004A	i-Limb Skin Contour RH extra small Clear
PL353004A	i-Limb Skin Contour LH extra small Clear
PL353014A	i-Limb Skin Contour RH extra small Black
PL353015A	i-Limb Skin Contour LH extra small Black
ILH000-3577	i-Limb Skin Contour RH extra small White
ILH000-3578	i-Limb Skin Contour LH extra small White
PL354004A	i-Limb Skin Contour RH small Clear
PL354005A	i-Limb Skin Contour LH small Clear
PL354014A	i-Limb Skin Contour RH small Black
PL354015A	i-Limb Skin Contour LH small Black
ILH000-3575	i-Limb Skin Contour RH small White
ILH000-3576	i-Limb Skin Contour LH small White
PL355004A	i-Limb Skin Contour RH medium Clear
PL355005A	i-Limb Skin Contour LH medium Clear
PL355014A	i-Limb Skin Contour RH medium Black
PL355015A	i-Limb Skin Contour LH medium Black
ILH000-3573	i-Limb Skin Contour RH medium White
ILH000-3574	i-Limb Skin Contour LH medium White
TBX50053	i-Limb Skin Contour (black or clear) x 4

i-Limb Skin Contour TS codes

Code	Description
PL380004A	i-Limb Skin Contour RH extra small Clear TS
PL380005A	i-Limb Skin Contour LH extra small Clear TS
PL380012A	i-Limb Skin Contour RH extra small Black TS
PL380013A	i-Limb Skin Contour LH extra small Black TS
PL381004A	i-Limb Skin Contour RH small Clear TS
PL381005A	i-Limb Skin Contour LH small Clear TS
PL381012A	i-Limb Skin Contour RH small Black TS
PL381013A	i-Limb Skin Contour LH small Black TS
PL382004A	i-Limb Skin Contour RH medium Clear TS
PL382005A	i-Limb Skin Contour LH medium Clear TS
PL382012A	i-Limb Skin Contour RH medium Black TS
PL382013A	i-Limb Skin Contour LH medium Black TS
TBX50054	i-Limb Skin Contour TS (black or clear) x 4

COVERINGS

i-LIMB SKIN® NATURAL COVERS

The i-Limb Skin Natural Cover offers a cosmetic cover for the i-limb hand. A color swatch is available to select the closest color match between clients natural skin color and the color of the i-Limb Skin Natural Cover. There are 18 color options for the i-Limb Skin Natural Cover.

The i-Limb Skin Natural Covers extend to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, forearm sleeves are available in the corresponding colors.
Note: for large i-Limb hands order medium covering.



	Extra small		Small		Medium	
Color	LH	RH	LH	RH	LH	RH
1	066582A	066564A	066509B	066491B	066473B	066455B
2	066583A	066565A	066510B	066492B	066474B	066456B
3	066584A	066566A	066511B	066493B	066475B	066457B
4	066585A	066567A	066512B	066494B	066476B	066458B
5	066586A	066568A	066513B	066495B	066477B	066459B
6	066587A	066569A	066514B	066496B	066478B	066460B
7	066588A	066570A	066515B	066497B	066479B	066461B
8	066589A	066571A	066516B	066498B	066480B	066462B
9	066590A	066572A	066517B	066499B	066481B	066463B
10	066591A	066573A	066518B	066500B	066482B	066464B
11	066592A	066574A	066519B	066501B	066483B	066465B
12	066593A	066575A	066520B	066502B	066484B	066466B
13	066594A	066576A	066521B	066503B	066485B	066467B
14	066595A	066577A	066522B	066504B	066486B	066468B
15	066596A	066578A	066523B	066505B	066487B	066469B
16	066597A	066579A	066524B	066506B	066488B	066470B
17	066598A	066580A	066525B	066507B	066489B	066471B
18	066599A	066581A	066526B	066508B	066490B	066472B

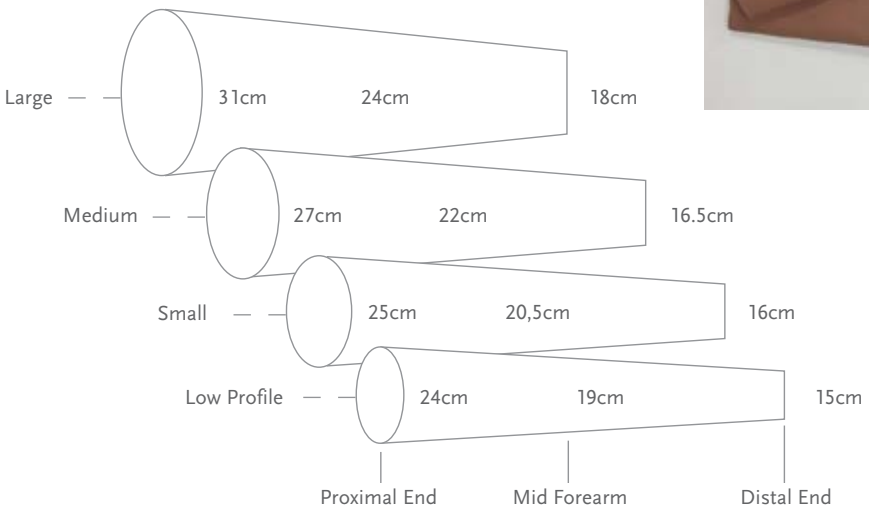
COVERINGS

i-LIMB SKIN® NATURAL FOREARM SLEEVES

i-Limb Skin Natural Forearm Sleeves offer a cosmetic cover for the forearm section of the prosthesis, for those individuals who wish the forearm of the prosthesis to be covered. Available in 4 circumference sizes (low profile, small, medium, large) to fit the dimensions of the forearm of the prosthesis. 18 color options are available.



Forearm sleeves are 35cm long.



Color	Low Profile	Small	Medium	Large
1	066629A	066628A	066627A	066626 A
2	066633A	066632A	066631A	066630A
3	066637A	066636A	066635A	066634A
4	066641A	066640A	066639A	066638A
5	066645A	066644A	066643A	066642A
6	066649A	066648A	066647A	066646A
7	066653A	066652A	066651A	066650A
8	066657A	066656A	066655A	066654A
9	066661A	066660A	066659A	066658A
10	066665A	066664A	066663A	066662A
11	066669A	066668A	066667A	066666A
12	066673A	066672A	066671A	066670A
13	066677A	066676A	066675A	066674A
14	066681A	066680A	066679A	066678A
15	066685A	066684A	066683A	066682A
16	066689A	066688A	066687A	066686A
17	066693A	066692A	066691A	066690A
18	066700A	066696A	066695A	066694A

COVERINGS

i-LIMB SKIN® MATCH COVERS

i-Limb Skin Match is a fully customized silicone covering that closely matches the user's skin tone and features.

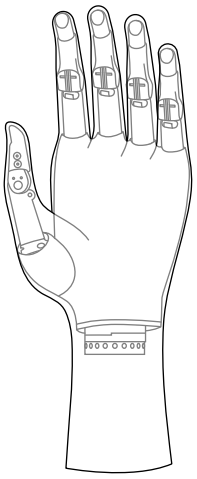
The i-Limb Skin Match Cover extends to just proximal to the wrist level. For coverage of the forearm section of the prosthesis, an i-Limb Skin Match Forearm Cover can also be produced closely matching the users skin tones.



Code	Description
066006A	i-Limb Skin Match Hand Cover
066448A	i-Limb Skin Match Forearm Sleeve
066449A	i-Limb Skin Match Hand Covering including Custom Forearm Sleeve

COVER LINERS

Cover Liners are intended to be worn under the i-Limb Skin Active, i-Limb Skin Contour, or i-Limb Skin Natural Coverings. They provide additional protection in the areas with the most frequent wear and tear to prolong the life of the coverings.



Code	Description
092050	Cover Liner - Left Small
092051	Cover Liner - Right Small
092052	Cover Liner - Left Medium
092053	Cover Liner - Right Medium
092054	Cover Liner - Left Large
092055	Cover Liner - Right Large

i-DIGITS® QUANTUM

i-Digits Quantum is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-Digits Quantum is suitable for individuals with partial hand absence distal to the wrist and proximal to the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

i-Digits Quantum incorporates i-Mo technology, enabling grips to be accessed by moving the i-Digits Quantum in one of four directions.

- Fully customized prosthesis for partial hand loss or congenital absence
- Up to 32 grips available
- Self-contained wristband houses batteries & microprocessor
- Digits work in conjunction with remaining fingers
- Vari-Grip feature for additional grip strength
- Auto Grasp anti-drop feature for added reassurance
- Boost speed and strength by up to 30% with Biosim®
  My i-Limb® App



CONTROL METHODS

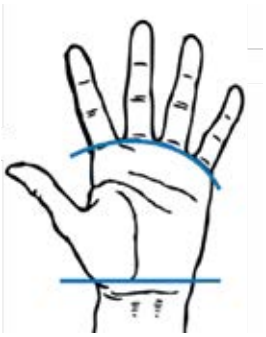


i-MO
GESTURE CONTROL

TRIGGERS
MUSCLE CONTROL

QUICK GRIPS
APP CONTROL

GRIP CHIPS
PROXIMITY CONTROL



Code	Description
TBX50008	1 digit i-Digits Quantum
TBX50016	2 digit i-Digits Quantum
TBX50024	3 digit i-Digits Quantum
TBX50032	4 digit i-Digits Quantum
TBX50040	5 digit i-Digits Quantum

All packages include:

- i-Digits Quantum Wristband
- Main charger
- 2 Mounting plates
- Electrodes or FSRs
- Digit and knuckle block (quantity as per kit ordered)
- 3 tip covers per digit
- 2 Grip Chips

i-DIGITS® ACCESS

i-Digits Access is a customized prosthetic device for individuals with partial hand loss or deficiency.

i-Digits Access is suitable for individuals with partial hand absence distal to the wrist and proximal to the metacarpophalangeal joint. Anywhere from one to five digits can be replaced.

- i-Digits Access offers a functional partial hand solution
- Fully customized prosthesis for partial hand loss or congenital absence
- Up to 12 grips available
- Self-contained wristband houses batteries & microprocessor
- Digits work in conjunction with remaining fingers



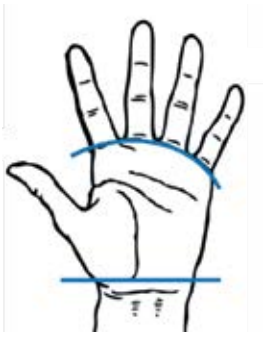
CONTROL METHODS



TRIGGERS
MUSCLE CONTROL



QUICK GRIPS
APP CONTROL



Code	Description
TBX50006	1 digit i-Digits Access
TBX50014	2 digit i-Digits Access
TBX50022	3 digit i-Digits Access
TBX50030	4 digit i-Digits Access
TBX50038	5 digit i-Digits Access

All packages include:

- i-Digits Access Wristband
- Main charger
- 2 Mounting plates
- Electrodes or FSRs (as per kit ordered)
- Digit and knuckle block (quantity as per kit ordered)
- 3 tip covers per digit

i-DIGITS® DIMENSIONS & INPUT OPTIONS

DIMENSIONS

i-Digits are available in extra small and medium sizes.

The extra small mounting plate is 67 mm wide, with a straight digit alignment.

The medium mounting plate is 73 mm wide, with a splayed digit alignment.



extra small



medium

	Thumb	Index	Middle	Ring	Little
Extra Small	5	5	5	3	2
Medium	5	6	6	5	3

These configurations provide the digit arrangement and functionality for individuals within the advised fitting guidelines.

INPUT OPTIONS

A range of input options are available for i-Digits allowing the optimum option for the individual user to be utilised.

LP remote electrodes

Suspension piece is fabricated within the silicone socket. This provides the optimum suspension and spacing of the electrode domes. Two domes are positioned together for the muscle site, and one single shared ground dome can be used for dual site control.


1.

Picture	Code	Description
1.	PL441012B	Remote Electrode Kit
	SA441080A	Check Socket Remote Electrode

FSR (Force Sensing Resistor)

Very thin touch pad which the user operates by physically moving a part of their residual hand.


2.

Picture	Code	Description
	SA441092B	FSR for i-Digits (small)
2.	SA441093B	FSR for i-Digits (large)

Compact Electrodes

Compact electrodes provide a traditional electrode design for use within i-Digits.


3.

Picture	Code	Description
3.	PL441029A	Compact Electrode kit i-Digits

i-DIGITS® REPLACEMENT PARTS

REPLACEMENT PARTS

Batteries and Chargers

Picture	Code	Description
1.	SA069313C	800 mAh battery
2.	PL069653	i-Digits Battery Charger base unit
3.	069654	i-Digits Power Supply Unit

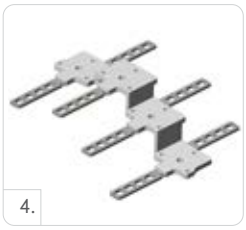

1.


2.


3.

Assembly Replacement Parts

Picture	Code	Description
	SA441036A	i-Digits RH mounting knuckle plate assembly - extra small
4.	SA440003A	i-Digits LH mounting knuckle plate assembly - extra small
	SA069406B	i-Digits RH mounting knuckle plate assembly - medium
	SA069405B	i-Digits LH mounting knuckle plate assembly - medium
5.	PL441052C	Thumb pivot assembly
	069227B	Thumb angled mounting plate
	PL441056A	Single wired knuckle assembly
	SA400074A	Ratchet Strap + Screws + Shoulder Insert Assembly
	PL177004A	Repair tool kit T6 with torque driver
	MP069427B	Single Digit Mounting Plate
	PL441099B	Knuckle assembly digit
	PL441101C	Knuckle assembly thumb


4.

Bellows Assembly

Code	Description
SA441040D	i-Digits Electrode Bellows Assembly 50 Hz
SA451002D	i-Digits Electrode Bellows Assembly 60 Hz
SA441078C	FSR Bellows Assembly for i-Digits


5.

Digit Tips

Code	Description
441031A	i-Digits Cover Size 2 black
441082A	i-Digits Cover Size 2 clear
441032A	i-Digits Cover Size 3 black
441083A	i-Digits Cover Size 3 clear
441033A	i-Digits Cover Size 5 black
441084A	i-Digits Cover Size 5 clear
441034A	i-Digits Cover Size TS 5 black

Code	Description
441085A	i-Digits Cover Size TS 5 clear
441035A	i-Digits Thumb Cover black
441088A	i-Digits Thumb Cover clear
441076A	i-Digits Cover Size 6 black
441086A	i-Digits Cover Size 6 clear
441077A	i-Digits Cover Size TS 6 black
441087A	i-Digits Cover Size TS 6 clear

i-DIGITS®

EXTENDED WARRANTY

Additional Warranty

i-Limb hands come with 2 years standard warranty. Additional years can be purchased for a total of 5 years coverage.

Part#	Description
TBX50173	Touch Care Warranty i-Limb / i-Digits Year 3
TBX50174	Touch Care Warranty i-Limb / i-Digits Year 4
TBX50175	Touch Care Warranty i-Limb / i-Digits Year 5
TBX50604	Touch Care Warranty i-Limb / i-Digits Year 3, 4, 5

I-DIGITS SPARE PARTS

Digits

Code	Description
PL481003D	Size 6 TS
PL481002D	Size 6
PL341001D	Size 5 TS
PL341002D	Size 5
PL341003D	Size 3
PL341004D	Size 2
PL341005D	Thumb Size 5

Spare Part Kits

Code	Description
PL441018A	Silicone Socket Spare Part Kit

Includes (Quantity):

- Double Silicone Suspension Piece (6)
- Single Silicone Suspension Piece (3)
- Lamination Dome Dummy (5)
- Silicone Dome Dummy (5)
- Screw to secure silicone suspension piece (5)
- Screw to secure lamination dummy (5)
- Threaded Silicone Support (Dummy) (3)
- Silicone Support Anchor Small (12)
- Button Head Screw(6)

Code	Description
PL450002A	i-Digits Fabrication Spare Part Kit

Includes (Quantity):

- Dummy i-Digits wristband term (2)
- Digit Alignment Post (4)
- Single Knuckle Dummy (8)
- Modified Fixed Fairing (to laminate fairing) (4)
- Fairing Fixed Black (4)
- Screws for knuckle dummy (24)
- Screw for alignment post to knuckle dummy (5)
- Screws for fixed fairing (4)
- Screws for alignment post and fairing (10)

i-DIGITS®

I-DIGITS SPARE PARTS

Available Individually

Code	Description
441059A	Cable Extraction Tool
PL177004A	Torque Driver Tool
069292A	Torx Screwdriver (T6)
069293A	Torx Screwdriver (T8)
069329A	Bellow Rubber Cover
441020A	Coaxial White Wire, 100 mm
441054A	Coaxial White Wire, 150 mm
441021A	Coaxial White Wire, 200 mm
441022A	Coaxial White Wire, 300 mm
441023A	Coaxial White Wire, 500 mm
SA440003A	Mounting Plate Assembly, Left XS
SA441036A	Mounting Plate Assembly, Right XS
SA069405B	Mounting Plate Assembly, Left M
SA069406B	Mounting Plate Assembly, Right M
069227B	Thumb Rotational Mount
441061A	Spare Screws for Bellows

VIRTU-LIMB

Virtu-Limb is a wireless demonstration and assessment tool for myo-electric upper limb prostheses.

Virtu-Limb can be used for a variety of purposes:

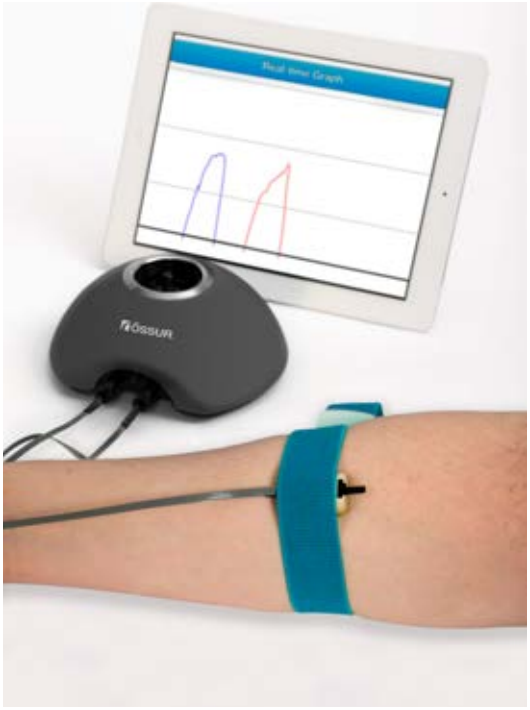
- Measuring clients' myoelectric signals to determine the muscle sites for their prosthesis
- Demonstrate to clients how to control their muscle signals
- Demonstrate to clients how to use automated grips
- Connect to Biosim® software
- Use muscle signals to control virtual hand on software
- Attach i-Limb hand to demonstrate i-Limb products to clients

Code	Description
PL189000E	Virtu-Limb Kit - UK
PL189002E	Virtu-Limb Kit - EU
SA188010A	Virtu-Limb FSR Touchpad
PL189001A	Virtu-Limb Compact Electrode Kit (50 Hz) - 2 supplied
PL188064A	Virtu-Limb Compact Electrode Kit (60 Hz) - 2 supplied



Note: Only available as a Loaner Device.





Virtu-Limb to measure myoelectric signals

DEMO-LIMB

Demo-Limb is a portable demonstration and user training tool. Any i-Limb® hand with a QWD wrist connection can be attached to the Demo-Limb and controlled via FSRs or electrodes to demonstrate how the i-Limb hands work.

FSRs are useful for demonstrating the functions of the i-Limb hand, like gesture or muscle control.

The electrodes enable a potential i-Limb user to utilise their muscle sites and control the i-Limb hand offering a product demo for potential users as well as a demonstration and testing of grips.
The i-Limb hand can be linked to Biosim® to allow programming, use of Quick Grips and review of users signals using the real time graph.

With an i-Limb Quantum hand the Demo-Limb is particularly useful for activation of gesture control.

Features of the Demo-Limb:
- Two FSR's to simulate open and close signals progammable for co-contraction, double and triple impulse
- Possibility to connect electrodes for control
- Ability to demonstrate gesture control, muscle control, app control and proximity control
- QWD connection
- Exchangeable battery

Code	Description
PL071000A	Demo-Limb

Demo-Limb is compatible with Virtu-Limb electrodes and i-Digits 800mAh batteries.



Note: Only available as a Loaner Device.

LIVINGSKIN®

OVERVIEW

Hand crafted from high definition silicone and hand painted to closely match skin tone and appearance, Livingskin prostheses are designed to look very realistic. Individual details can be added to the prostheses, such as freckles and hair.



Livingskin are passive functional prostheses. As well being a highly cosmetic solution, Livingskin can be used to support functions such as pushing, pulling, stabilising etc.

Livingskin Fingers

Codes	Description
066026A	1 Finger
066029A	2 Fingers
066039A	3 Fingers
066040A	4 Fingers
TBX50486	5 Fingers
066135A	Finger Band

Livingskin Hands

Codes	Description
066014A	Partial Hand
066015A	Full Hand

Livingskin Arms

Codes	Description
066703-DCM	Wrist Disarticulation Passive
066016A	Transradial Passive to Elbow
066017A	Transhumeral Passive to Axilla
066454-DCM	Shoulder Disarticulation Passive





LIVINGSKIN®

OPTIONS

Codes	Description
092039	Extra Silicone Material - per 1 lb Tube
TBX50181	Thumb Stabiliser
TBX50135	Pronation/Supination Wrist Component
TBX50070	Flexion/Extension Wrist Component
TBX50166	Slipcoat

Codes	Description
066443A	Dermahair - Finger
066065A	Dermahair - Hand
066442A	Dermahair - Arm

INVENTORS

ICEROSS® LINERS

Iceross stands for Icelandic Roll-On Silicone Socket. It was developed by Össur Kristinsson, a prosthetist and prosthetic user, as an alternative suspension system to more conventional methods. It functions to protect the skin, enhance comfort by reducing pressure peaks within the socket, and to eliminate motion between the socket and residual limb. Iceross is available in a range of suspension designs to suit different residual limbs and lifestyles.



Össur Kristinsson

WHY ICEROSS?

COMFORT - All Iceross interface systems are made exclusively from a variety of densities of silicone. Silicone has a proven history of use in the medical field because of its material properties. The properties provide benefits such as cushioning for bony and sensitive areas, high elasticity to enable ease of conformity to residual limb shapes, and high tear strength for increased durability.

PROTECTION - Iceross has been designed to function in a way similar to a compression stocking, i.e. by improving blood circulation while controlling swelling. It also protects skin and newly formed or sensitive scar tissue by reducing potentially damaging shear forces.

SUSPENSION - Iceross liners offer 3 different suspension methods; the Iceross Seal-In, Locking and Cushion liners so it is easy to find something that will suite your patient needs.

TOTAL KNEE®

Total Knee was the brain-child of Swedish inventor Finn Gramnas. Unhappy with the heavy and unwieldy prosthesis his six-year-old daughter was being offered in 1986, he retired to his garage and began inventing something far superior. Perhaps the world's youngest R&D specialist, Lisa Gramnas helped her father fine-tune dozens of prototypes for the Total Knee.



Finn & Lisa Gramnas

WHY THE TOTAL KNEE?

Total Knee offers shock absorption, comfort and a natural gait. Toe clearance is provided through mid-swing shortening, preventing hiphiking. The 3-phase hydraulic swing control accommodates changes in walking speed. Its polycentric design imitates natural knee motion, while the adjustable "stance-flex bumper" acts as a shock absorber, simulating the flexing action that occurs in the normal knee while walking or running.

MAUCH KNEE®

A German scientist and engineer, Hans Mauch was fascinated by the field of rehabilitative medicine. From the late 1950s he devoted his energies to prosthetic development. Building on studies sponsored by America's Veterans Administration, he collaborated with fellow scientist Ulrich Henschke to design the Mauch hydraulic knee system.



Hans Mauch

WHY THE MAUCH KNEE?

Mauch's progressively designed hydraulic systems provide amputees with a less strenuous and more controlled means of ambulation on varied terrains and in sports activities. From running, to walking step over step down stairs, Mauch offers a smooth natural gait and a high level of flexibility for more active lifestyles.

INVENTORS

FLEX-FOOT®

Flex-Foot was first introduced in 1984 by prosthetic user, research prosthetist, and inventor Van Phillips. Two critical breakthroughs made these products different and revolutionized the everyday aspirations of amputees. The first, energy storage and release, is a function inherent in the patented carbon fiber design of Flex-Foot. The second, vertical shock absorption, enables a more natural gait and protects the sound limb and remaining joints of the amputated limb from excessive shock.



Van Phillips

WHY FLEX-FOOT?

Different functions are available within the Flex-Foot range to suit individual needs. All models offer significant advantages over conventional prosthetic feet. Twenty years of scientific material research lead to this unparalleled design, making Flex-Foot the choice for durability, comfort and performance.

GENERAL INFORMATION

WE ARE HERE TO HELP

If you need advice on Össur product selection, there are a number of ways in which we can help:

SELECTION CHARTS

These are available online at www.ossur.com and in wall chart format. Contact your Össur customer service representative for wall charts.

SALES MANAGERS, CUSTOMER SERVICE AND TECHNICAL SERVICE

Our sales managers, customer service and technical service teams are always happy to advise and assist. For contact details visit www.ossur.com and check the customer service pages for your location. Technical experts are also available online.

We hope the clear layout of our catalogue will easily guide you through this comprehensive range of products. Should you need any assistance, feel free to contact our customer service teams or visit our website, www.ossur.com.

TERMS OF SALE AND POLICIES

HOW TO ORDER

Össur part numbers and item descriptions must be included on all orders.

PRICES AND PAYMENT TERMS

For price and payment terms please refer to our current Price List.

RETURNS, ADJUSTMENTS AND CREDITS

Please inspect all orders immediately upon receipt. In the event of items being ordered or shipped in error, please notify the Customer Service Department for a Return Authorization number (RA#). Össur must be contacted within five (5) business days of the receipt of goods. Prior approval and an RA# must be obtained for credit. The RA# must be printed on the outside of the package and a copy of the original invoice or packing slip must be included. All returns are subject to inspection.

SINGLE PATIENT USE

Össur products and components are designed and tested to ISO 10328. Compatibility and compliance with this standard is achieved only when Össur products and components are used with other recommended Össur or authorized components. If unusual movement or product wear is detected in a structural part of a prosthesis at any time, the patient should be instructed to immediately discontinue use of the device and consult his/her clinical specialist. This product has been designed and tested based on single patient usage. It is a single-use device and should never be used by multiple patients. If any problems occur with the use of this product, immediately contact your Össur representative.

TRIAL PERIOD

Össur provides a trial period with certain products. If the amputee is dissatisfied with any such Össur product for any reason, the prosthetist can return the product to Össur for a full refund. If a product needs to be returned within the Trial Period, the following must occur:
Prior approval and a Return Authorization number (RA#/RS#) must be obtained from the Össur Customer Service Department for goods to be returned for credit. No items will be accepted for credit after the Trial Period has ended (trial Period begins the date the order is invoiced).

- Any items that are received by Össur after the Trial Period has ended will be sent back to the customer at their cost and no credit will be issued.
- RA#s are valid for thirty (30) days, starting the day the request was made. After thirty (30) days, the RA#/RS#is invalid.
- Any items that are returned in addition to those listed and/or any items that are returned which differ from those listed on the RA#/RS# will be treated as an unauthorized return.
- The customer is responsible for the returned package prior to receipt at Össur.
- Returns must be accompanied by a copy of the original invoice or packing slip.
- For Trial Periods, please refer to Warranty Procedure section.
- Össur Knees do not have a trial period. Once the packaging has been opened, the product can not be returned. To trial a mechanical knee, please contact Customer Service. To trial a RHEO KNEE, please contact your local Area Sales Manager.

WARRANTY PROCEDURE

All Össur products are guaranteed to be free of defects in materials and workmanship upon purchase. Any product found to be defective under normal and correct use will be replaced at no charge with the same item. If an item needs to be replaced under warranty, the replacement item will ship as soon as possible and the full retail cost will be invoiced. Upon receipt of the warranty item, a credit will be given under the terms that apply.

BIONIC TECHNOLOGY BY ÖSSUR	LIMITED WARRANTY
PROPRIO FOOT	36 Months*
NAVII	24 Months*
RHEO KNEE	24 Months*
POWER KNEE EMEA	24 Months*
POWER KNEE Batteries	12 Months

LINERS AND SLEEVES	LIMITED WARRANTY

Össur liners and sleeves can be returned for full credit within 30 days as long as the "sealed" bag has not been opened or when applicable, hygienic seal has not been broken. Any components that have been removed from this bag will not be accepted for credit and will be returned to the customer at the customer's expense.

AeroFit Liner	6 Months
Iceross Seal-In X-Classic	6 Months
Iceross Seal-In X-Grip	6 Months
Iceross Seal-In X-Volume	6 Months
Iceross Transfemoral Seal-In	6 Months
Iceross Transfemoral Locking	6 Months
Iceross Upper-X Locking	6 Months
Iceross Seal-In X (TT/TF)	6 Months
Iceross Seal-In X (TT/TF) Seals (Classic, Grip, Volume)	6 Months
Iceross Seal-In X5 (TT)	6 Months
Iceross Seal-In X5 (TF)	6 Months
Iceross Seal-In X Locking	6 Months
Iceross Seal-In V	6 Months
Iceross Dermo Locking/Cushion/Seal-In	6 Months
Iceross Synergy Locking/Cushion	9 Months
Iceross Comfort Locking/Cushion	6 Months
Iceross Original Locking (with cover)	6 Months
Iceross Sport Locking	9 Months
Iceross Activa with Tibiaguard	9 Months
Iceross Post-Op	6 Months
Iceross Curvemaster	12 Months
Össur Rigid Dressing (ORD)	2 Months
Iceross Junior Locking	6 Months
Distal Cup	12 Months
Iceross Sleeve	3 Months
Iceform Sleeve	3 Months

UNITY VACUUM SUSPENSION SYSTEM	LIMITED WARRANTY
Unity pump and membrane for Pro-Flex Family Feet, Proprio Foot and Balance Foot S / Balance Foot S Torsion	36 Months**
Unity Expulsion Valve Kits	6 Months
Other Unity Pumps	24 Months
Other Unity membranes	12 Months

FEET	LIMITED WARRANTY

Össur provides each prosthetic foot with a 60-Day Trial Period. If the amputee is dissatisfied with the prosthetic foot for any reason, the prosthetist can return it to Össur for a full refund within 30 days from the invoice date. For a detailed description of how to return products see Terms of Sale and Policies.

Re-Flex Shock	36 Months
Re-Flex Rotate	36 Months
Vari-Flex	36 Months
Pro-Flex Terra	36 Months
Pro-Flex Pivot	36 Months
Pro-Flex XC	36 Months
Pro-Flex LP	36 Months
Pro-Flex XC Torsion	36 Months
Pro-Flex LP Torsion	36 Months
Pro-Flex LP Align	36 Months
Pro-Flex Modular	36 Months
Pro-Flex ST	36 Months
LP Vari-Flex	36 Months
Flex-Foot Assure	36 Months
Balance Foot S	36 Months
Balance Foot S Torsion	36 Months
Balance Foot J	24 Months
Flex-Foot Balance	12 Months
Flex-Foot Balance with DP-Flexion	12 Months
Flex-Symes	36 Months
Chopart	24 Months
Cheetah Xpanse	12 Months
Cheetah Xcel	12 Months
Cheetah Xceed	12 Months
Flex-Run With Nike Sole	12 Months
Cheetah Xplore	36 Months
Cheetah Xtreme	12 Months
Cheetah Xtend	12 Months
Flex-Foot Cheetah	12 Months
Pro-Flex LP Junior	18 Months
Vari-Flex Junior	18 Months
Cheetah Junior	18 Months
Cheetah Xplore Junior	18 Months
Flex Run Junior	18 Months
Torsion Shock Adapter	36 Months
Foot Covers	6 Months
Nike Sole	2 Months
Nike Spike Pad	2 Months
Foam Heel Counter and Sole	6 Months

* 1, 2, 3 or 4 year extended warranties on Bionic devices (POWER KNEE batteries excluded) are available for purchase, contact Össur Customer Service for options and prices. Warranty extensions can be purchased while the product is still under warranty. Maximum total warranty is 6 years.

** Membrane is not replaceable. Warranty of membrane corresponds to warranty of the Unity Pump

WARRANTY PROCEDURE

MAUCH KNEE	LIMITED WARRANTY
Mauch Knee EMEA	24 Months
CHEETAH KNEE	LIMITED WARRANTY
Cheetah Knee	18 Months
TOTAL KNEE	LIMITED WARRANTY
Total Knee 1900	24 Months
Total Knee 2000	24 Months
Total Knee 2100	24 Months
Total Knee Junior	24 Months
LOCKING KNEE	LIMITED WARRANTY
Locking Knee	12 Months
ICELOCK	LIMITED WARRANTY
Icelock 100 Series	12 Months
Icelock 200 Series	12 Months
Icelock 300 Series	12 Months
Icelock 500 Series	6 Months
Icelock 544 Series	6 Months
Icelock 562 Hybrid	12 Months
Icelock 600 Series	12 Months
Icelock 700 Series	12 Months
Icelock 850 Hybrid	12 Months
STANDARD ADAPTERS	LIMITED WARRANTY
Össur Standard Adapters	24 Months
Össur Junior Adapters	24 Months
Knee Rotation Adapter	12 Months
SOCKET SYSTEMS	LIMITED WARRANTY
Icecast Anatomy	12 Months
Connect TF	24 Months
MECHANICAL UPPER LIMB	LIMITED WARRANTY
PIPDriver	24 months
MCPDriver	24 months
ThumbDriver	24 months
GripLock Finger	24 months
BIONIC UPPER LIMB	LIMITED WARRANTY
i-Limb Access	24 Months*
i-Limb Ultra	24 Months*
i-Limb Quantum	24 Months*
i-Digits Access	24 Months*
i-Digits Quantum	24 Months*
UPPER LIMB ACCESSORIES	LIMITED WARRANTY
i-Limb Skin Coverings	3 months
Hand Accessories	12 Months**
PASSIVE UPPER LIMB PROSTHETICS	LIMITED WARRANTY
Livingskin Passive Device	12 Months***

*Extended warranty is available to purchase, contact Össur Customer Service for options and prices. Maximum total warranty period is 5 years. Extended warranty must be purchased while device is still within warranty.

**If purchased within an i-Limb or i-Digits kit, the warranty period for the kit will apply to the accessory.

***Livingskin – If at delivery, the patient is dissatisfied with either the fit, form, or color, please notify Össur within 14 days of delivery. The rejected prosthesis must be returned within 30 days of delivery to qualify for our acceptance guarantee replacement.

RETURNS / COMPLAINTS FORM

To register a return or a complaint please complete this form in full and fax it to Customer Service.
Please Note: The customer ref. number is the code on our documents to you which begins UK or IE. This code must be quoted for all returns.

SECTION 1

Shipment number: SS _____ Invoice number: SI _____

Customer: _____ Customer ref. number: _____

Prosthetist: _____ Date: _____

User: _____ Age: _____ Weight (kg): _____ Weight gain: Yes / No _____

Impact level: Extreme / High / Medium / Low Period the product has been in use: _____

Do you require a formal written response to the return/complaint: Yes / No _____

Was the user injured: Yes / No _____ Nature of injury: _____

Product categories:	Interface Systems	Feet & Shocks	Knees	Icelock & Components
Product description:	_____	_____	_____	_____
Part number:	_____	_____	_____	_____

SECTION 2A, FOR PRODUCT RETURNS:

Description of problem: _____

Warranty claim: Yes / No _____

SECTION 2B, FOR COMPLAINTS:

Nature of complaint: Product related / Service related _____

Description of problem: _____

_____

_____

_____

NOTES

NOTES

NOTES

NOTES

P-953171

FOLLOW ÖSSUR ON

TEL 03450 065 065
ukinfo@ossur.com

WWW.OSSUR.COM

ÖSSUR®
LIFE WITHOUT LIMITATIONS

© ÖSSUR, 11.2026 - CRE-13002