

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.

Unity for Vari-Flex is an ultra lightweight foot and elevated vacuum suspension system designed to stabilize volume fluctuations and improve socket fit. For the moderately to high active user who prefers a simple, robust and lightweight prosthesis, Unity for Vari-Flex and Seal-In technology combined provide secure suspension, volume management and great foot dynamics without the restricting effect of an external suspension sleeve.



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*

* Waterproof when used with tube kit. 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:	Male Pyramid, Carbon Fiber 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

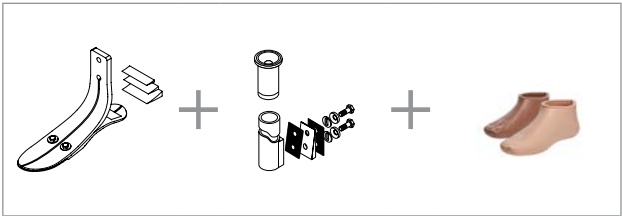
VARI-FLEX®

ORDERING INFORMATION

FOR COMPLETE FOOT WITH MALE PYRAMID



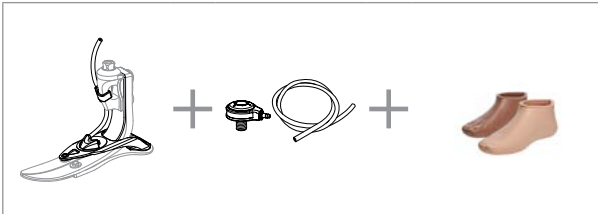
FOR COMPLETE FOOT WITH CARBON FIBER TUBE



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

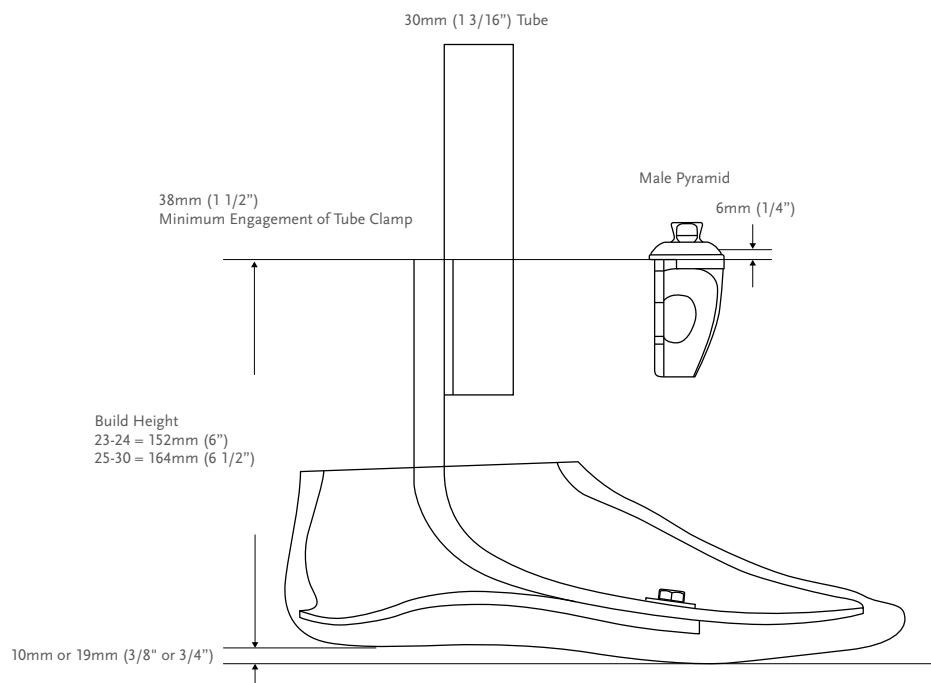


CATEGORY SELECTION CHART

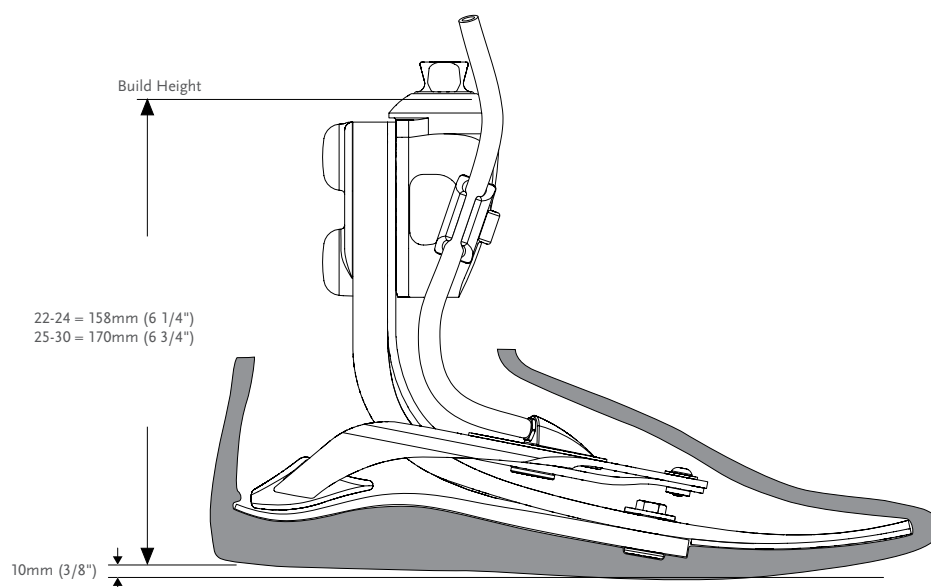
Weight kg	45-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166
Weight lbs	99-115	116-130	131-150	151-170	171-194	195-221	222-256	257-287	288-324	325-365
Low Impact Level	1	1	2	3	4	5	6	7	8	9
Moderate Impact Level	1	2	3	4	5	6	7	8	9	N/A
High Impact Level	2	3	4	5	6	7	8	9	N/A	N/A

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CLEARANCE



CLEARANCE WITH UNITY



VARI-FLEX®

KITS

VARI-FLEX MALE PYRAMID OPTION

PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

VFPE

10 MM (3/8") HEEL HEIGHT

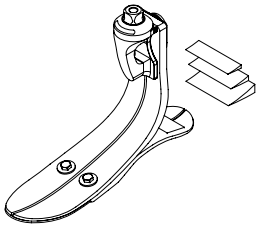
PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

VFPE

19 MM (3/4") HEEL HEIGHT



Note:

- 19mm (3/4") heel are special orders.
- Solid toe, low and high heel are special orders.

VARI-FLEX WITHOUT ADAPTER

PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

VFXE

10 MM (3/8") HEEL HEIGHT

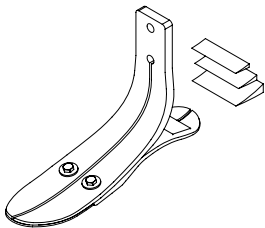
PART#

CATEGORY (1-9)

FOOT SIZE (22-30)

VFXE

19 MM (3/4") HEEL HEIGHT



Note:

- 19mm (3/4") heel are special orders.
- Solid toe, low and high heel are special orders.

MALE ADAPTERS

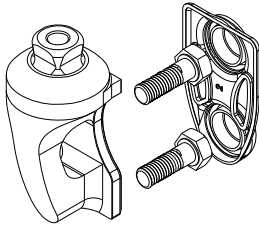
BOLT-ON MALE PYRAMID ADAPTER

Select according to category of foot module being utilized.

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"

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TUBE KITS

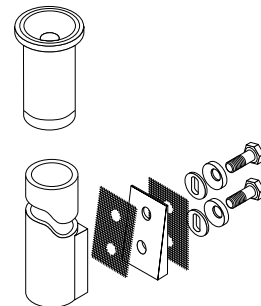
30MM (1 3/16") CARBON FIBER TUBE KIT

Choose according to size and category of the foot module utilized.

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:

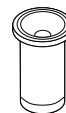
- Alignment Wedges
- Tube
- Spherical Washers
- Attachment Bolts and Hardware (5/16" UNF)
- Friction Pads
- Tube Insert (Cat.7-9)



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



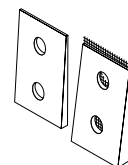
ALIGNMENT WEDGES FOR TUBE KIT (2 DEGREES AND 4 DEGREES)

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®

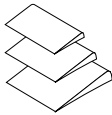
COMPONENTS

HEEL WEDGE KIT

For adjustment of heel stiffness and roll-over characteristics.

Part#	Foot Size
CM150006	22-27
CM150009	28-30

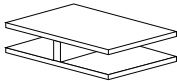
- Includes:
- 3 Wedges
 - Adhesive



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



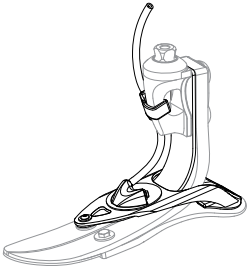
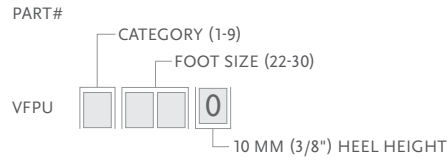
LOCTITE 410 BLACK

Part#	Description
CM160016	Loctite 410 black

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FOOT KITS WITH UNITY

VARI-FLEX WITH MALE PYRAMID AND UNITY PUMP



Includes:

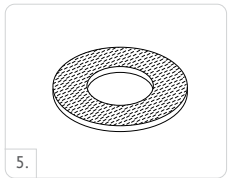
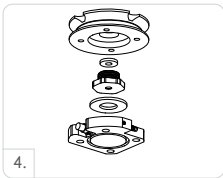
- Foot Module
- Unity Pump

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-5446XX	Icelock 544 Kit Unity	All
5	UTT1103	Unity Valve Air Filter Pack (10 p.)	All

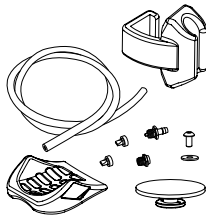


UNITY SPARE COMPONENTS

Part#	Description
UVF00021	Unity VF Components, 22-24
UVF00022	Unity VF Components, 25-30

Includes:

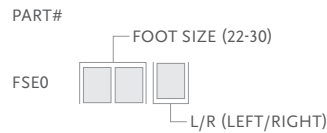
- Membrane
- Check valves
- Barb fittings
- Tube
- Tube fastener
- Heel pad



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

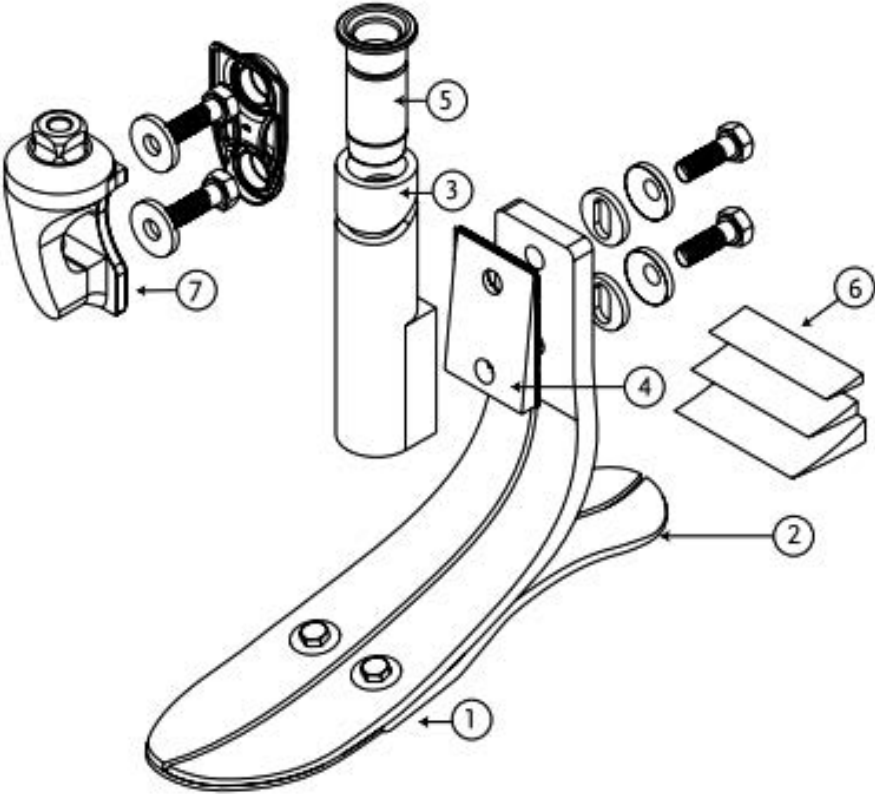
Used to cover the composite foot module to protect the foot and eliminate noise between foot module and foot shell.

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



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DIAGRAM



	Description
1.	Foot Module
2.	Heel
3.	30mm Carbon Fiber Tube Kit
4.	Alignment Wedges For Tube Kit
5.	Tube Insert
6.	Heel Wedge
7.	Bolt-On Male Pyramid Adapter