



PROSTHETIC PRODUCT GUIDE

This guide was prepared to provide you with some of our most popular or commonly used prosthetic items. Ortho Active has a wide selection of prosthetic products in stock for your convenience.

Freedom Innovations is solely focused on developing world-class lower limb prosthetic solutions in close collaboration with prosthetists and amputees. After beginning operations in the United States in 2002, the company quickly became recognized for innovative product designs, excellent quality and outstanding customer support. With 25 issued patents and 20 product brands sold in over 40 countries, Freedom's prosthetic devices lead the industry in both reputation and performance.



DynAdapt F10

Fit, Finish and Roll

- Combination of smooth rollover function, improved stability, and dynamic response makes DynAdapt the best all-around foot for all K3 users
- Full length attached heel with no bolts or bushings
- EnduraCore Technology delivers up to 3 times the fatigue life
- Split keel and heel design delivers multi-axial functions for enhanced stability
- Many amputees and prosthetist prefer the Dynadapt to the Triton or Vari-Flex

Senator VS1

Sophisticated simplicity at an affordable price

- Lightweight, energy-return design facilitates smooth, easy stride
- Simulated ankle motion provides a stable base of support throughout the stance phase
- Ideal for low to moderately active amputees weighing up to 136kg / 300lbs



Promenade VS2

Designed specifically for low impact amputees

- Near effortless roll-over optimized for low impact amputees, so they can do more and feel better at the end of the day
- Partial split toe offers controlled inversion/eversion, providing users enhanced confidence for a variety of walking conditions
- Full length sole plate facilitates a smooth transition from heel strike all the way through toe off, providing a more fluid gait and increased comfort throughout the day
- Many amputees and prosthetist prefer the Promenade to the Trias or Assure

MATERIALS



Flexible Socket EVA from Curbell Plastics

640 OP-TEK Flex EVA for making flexible sockets, natural colour.

641 OP-TEK Flex EVA for making flexible sockets, black colour.

642 OP-TEK Flex Comfort EVA for making flexible sockets, natural colour with non-silicone lubricated additive. The socket is easier to apply because the additive is not sticky.

643 OP-Tek Flex Comfort Bilam EVA for making flexible sockets with black OP-TEK Flex for the outside of the socket for cosmetics and OP-TEK Flex Comfort for the inside of the socket for comfort.

Item #	Description	Colour	Thickness	Size
640 - 38	OP-Tek Flex	Natural	3/8"	16 x 16
640 - 12	OP-Tek Flex	Natural	1/2"	16 x 16
640 - 58	OP-Tek Flex	Natural	5/8"	16 x 16
641 - 38	OP-Tek Flex	Black	3/8"	16 x 16
641 - 12	OP-Tek Flex	Black	1/2"	16 x 16
641 - 58	OP-Tek Flex	Black	5/8"	16 x 16
642 - 38	OP-Tek Flex Comfort	Natural	3/8"	16 x 16
642 - 12	OP-Tek Flex Comfort	Natural	1/2"	16 x 16
643 - 12	OP-Tek Flex BiLam	B/W	1/2"	16 x 16

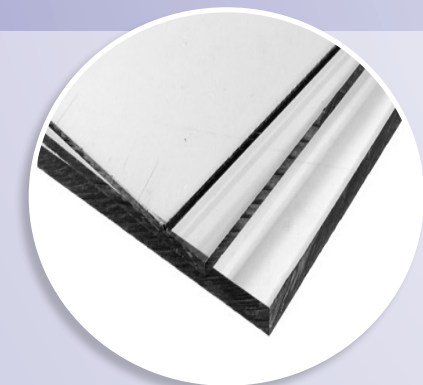
Schein Multiforte 42

Multiforte from the Schein company in Germany has long been used instead of Pelite to make a higher quality custom liner.

Item #	Description	Colour	Thickness	Size
766 - 3	Multiforte 42	White	3 mm	100 x 100 cm
766 - 5	Multiforte 42	White	5 mm	100 x 100 cm
766 - 6	Multiforte 42	White	6 mm	100 x 100 cm
21200 - 3	Volara / Aliplast	White	3 mm	30" x 12"
783 - 6	Plastazote	Flesh	6 mm	100 x 100 cm
783 - 10	Plastazote	Flesh	10 mm	100 x 100 cm
783 - 12	Plastazote	Flesh	12 mm	100 x 100 cm

Volara - White

Plastazote



PETG - Vivak & Polypropylene Check Socket Material

Item #	Description	Colour	Thickness	Size
657 - 38	PETG	Clear	3/8" (9.5mm)	16 x 16
657 - 12	PETG	Clear	1/2" (12mm)	16 x 16
650 - 38	Polypropylene	Natural	3/8" (9.5mm)	16 x 16
650 - 12	Polypropylene	Natural	1/2" (12mm)	16 x 16



Fabtech Carbon Braid

This fabric is extremely tightly woven and is commonly used in aerospace and high quality fabrications. Meets MIL-C-9084C, Type III requirements.

Carbon braid is sold by the pound from the manufacturer. Most carbon is pulled off a spool and cut at its stretched length, dramatically affecting yield. However, yield for carbon is based on a feet-per-pound yield ratio set by the manufacturer for this carbon tube braid. All carbon is weighed to guarantee the correct yield.

Our 50ft rolls are just the right size, and are easy to handle and store. All of our 50ft rolls are spun right off the braiding mills and are guaranteed to be the exact weight. They also never have any annoying splices.



Item #	Carbon Tube Braid
974	4" x 10'
974-50	4" x 50'
975	5" x 10'
975-50	5" x 50'
977	8" x 10'
977-50	8" x 50'

Fabtech PVA Bags (20per Box)

Tired of bags breaking? Do you have inconsistent seams or total blowouts just as you are stringing your resin? Well, say goodbye to those frustrating days. Our bags are manufactured in a climate controlled clean room utilizing the latest computer controlled equipment. They are incredibly consistent and have a far greater breaking tolerance than any other PVA bag on the market.

Item #	Description
60400	PVA Bag 4"
60600	PVA Bag 6"
60800	PVA Bag 8"
61000	PVA Bag 10"
61200	PVA Bag 12"
61400	PVA Bag 14"
61600	PVA Bag 16"
62000	PVA Bag 20"



Acsys Eco Extreme Resin 960

The Acsys ECO Extreme Resin including catalyst, is a non-hazmat laminating resin that offers unmatched strength and ease of use. Laminates using this resin show a significant increase in flexural strength over those fabricated with industry standard resins. ECO Extreme is designed to achieve a high modulus, allowing the fabrication of thin and rigid laminates.

Cure time is 10-12 minutes at room temperature. No heat is needed to obtain fast cure times. Our SURE-CURE technology allows complete tack and fuzz free cures even when laminating over wet unsealed casts. The Acsys ECO Extreme Resin eliminates all hazardous air pollutants such as styrene and methyl methacrylate which are found in most other resins, and cause the strong odors present in these products. This helps create a safer and more comfortable working environment.



Casting Gloves 402



Powder Free Nitrile Disposable Gloves

Sizing: S, M, L, XL

100 / Box

Nyglass Stockinette

Combines the lightweight strength of fiberglass with the elasticity of nylon. Cost-saving choice for everyday sockets. Our blend of 65% fiberglass and 35% stretch nylon works well with polyester and acrylic resins for a smooth appearance without any ribs or runs. Form fitting with 230% stretch.



Item #	Nyglass Stockinette 1kg. roll
978	7 cm
979	9 cm
980	12 cm
981	15 cm

COMPONENTS



1



2



3



4



5



6

Item #	Description
#1 - 1211T	ST&G Titanium Tube Clamp Assembly
#2 - 1212T	ST&G Titanium Tube Clamp Ti
#3 - 1217T	ST&G 4-Hole Pyramid Connector Ti
#4 - 1218T	ST&G 4-Hole Reciever Ti
#5 - 1220T	ST&G 4-Ear Connector Ti
#6 - 3201T	ST&G Expulsion Valve

Synthex2 Composite Fiber



Composite hybrid fibre is lighter and more impact and abrasion resistant than carbon and fiberglass fibres. Synthex2 is a combination of Synthex and carbon fibre that is easier to finish than Synthex with a more lustrous finish and comes in the traditional black colour.

Item #	Description
986 - 5.10	5" x 10"
986 - 6.10	6" x 10"
986 - 8.10	8" x 10"
986 - 10.10	10" x 10"
986 - 5.50	5" x 50"
986 - 6.50	6" x 50"
986 - 8.50	8" x 50"
986 - 10.50	10" x 50"
986 - A	Easy Edge Activator 2oz Bottle
986 - S	Easy Edge Composite Sealer 2oz Bottle

Scissors for
Synthex Fibre
403

