



Welcome to Algeos



Algeos, a leading global medical distribution company, designs and develops many products under its own trade names and distributes world-leading brands within the podiatry, physiotherapy, orthotic, and prosthetic markets.

Founded in Liverpool, United Kingdom, in 1881, the company has been owned by the Sheridan family since 1990 and today has almost 100 employees worldwide.

Algeos has offices in Dubai (serving Asia Pacific, Middle East, and Africa regions) and Melbourne (serving Australasia), and our global distributor network serves over 60 countries.

With over 17,000 different product lines, the team at Algeos is passionate that the products we supply meet the ever-changing requirements of our customers. We achieve this through our commitment to quality, innovation, excellent service, and collaborative partnerships.

"I am very proud to be part of the Algeos team where we all work together to supply innovative and quality products whilst ensuring the highest customer satisfaction possible.

We are well known for distributing a diverse range of high quality and market leading brands, and through expert research and development we have devised our own Algeos brand portfolio.

In these pages, you will find solutions for the problems surrounding debilitating illnesses such as diabetes, arthritis, and rheumatism.

We provide materials and tools which will help provide mobility as well as clinical furniture, equipment and everyday consumables.

I'd like to take this opportunity to thank you for being one of our loyal customers.

I really hope you enjoy purchasing from our catalogue and the additional features, such as the symbols we have added to make it easy to navigate and select the products right for you".

Jackie Fisher
CEO


Our Portfolio of Brands:




There are many ways to place your Algeos order:

Customer Service

Our friendly, knowledgeable and experienced Customer Service team is available Monday to Friday from 8:30am to 5pm.

 **Telephone:** +44 (0)151 448 1228

 **E-mail:** orders@algeos.com

 **Fax:** +44 (0)151 448 1008

 **Post:** Algeos
Sheridan House
Bridge Industrial Estate
Speke Hall Road
Liverpool, L24 9HB

 **Online:** www.algeos.com

Our complete online catalogue is available **24-7** enabling you to browse at your leisure and place orders when it's most convenient.



My account number:

Algeos Online

- Available 24-7 for your convenience
- Easy online ordering
- New product introductions
- Special online offers
- Comprehensive product profiles
- Education and training
- Clinical research papers and case studies
- Informative videos and downloads
- NHS Portal
- Easy online patient referrals
- Equipment 'Service Request Form'
- Subscribe to our newsletter

Service & Delivery



- 98% of products are available to ship directly from stock, ensuring you get your orders quickly.
- In stock items are despatched the same day for next day delivery when ordered before 2pm*.
- **FREE DELIVERY** on online orders over £50 (excludes some bulky/heavy items)*.

*applies to private customers only

NHS Customers

Many of our products are available from NHS Supply Chain. Please contact us for further information.

Social Media

 **Follow us on Twitter at:** twitter.com/algeos

 **Join us on Facebook at:** facebook.com/algeos

 **Follow us on YouTube at:** youtube.com/algeosvideos

 **Connect with us on LinkedIn:** uk.linkedin.com/company/algeos

Finance Available

Algeos has partnered with a trusted third party financing company to offer you the best finance package for you and your business.

Financing your equipment could not be easier.

1. Choose your equipment and discuss the packages available with your account manager.
2. Receive a decision within 24 hours*.
3. Arrange delivery of your equipment.

It is that simple...

Why finance?

- Our finance partner has a conversion rate of **over 80% acceptance**.
- Finance enables you to protect your cash to use for other needs such as new stock, staff training, advertising, new business opportunities and unexpected expenses.
- No hefty upfront expense**.
- Spread your payments to suit you and your business.
- Take advantage of the tax benefits that financing can offer***.

Financing Example:

OptoGait 1 Metre Kit @ £3,295

5 year finance agreement (other terms available 1-5 years)

From £16.27 per week

Call us to find out more and to discuss your requirements on **0151 448 1228** or email **info@algeos.com**

*Subject to the usual credit checks; for business purposes only.

** Usually only one month's' leasing payment will be due before delivery (if trading over 3 years).

*** Your accountant will be able to provide more information on the tax advantages.

Key to Symbols/Navigation



Revenue Generator

Attract new patients and increase patient spend by offering new and innovative services.



Education Available

Training courses and educational support available.



PMI Recognised

Services using this product are reimbursed by the main PMI providers.



Finance Options Available

Spread the cost of the investment to improve cash flow.



Academics' Choice

Used by Academic/Research Centres worldwide.



Case Studies Available

Learn how this product has improved other practices.



Research Backed

The reliability of this product is supported by thorough scientific research.



Available on NHS Supply Chain

For your convenience.



2 Year Warranty

Offering peace of mind.



Perfect for Retail

This product provides for you, an excellent retailing opportunity to your patients, which can help increase revenue.

IMPROVED

Improved Design

NEW

New Product

Servicing & Repair

Routine servicing of orthopaedic, physiotherapy, and podiatry equipment is extremely important and highly recommended to be carried out at least once per year. This will help to ensure that your product is working correctly and also to minimise downtime and potential infection control issues.

Algeos is able to offer a servicing and maintenance contract on a wide range of our products.

We also offer a reliable, economical repair service. For portable items, we will arrange collection and re-delivery, for non-portable items we will arrange a mutually convenient appointment date and time for our engineer to visit.

Algeos Servicing & Repair covers a range of products including: Podiatry Drills, Patient Chairs, Stools, Physio Couches, Vacuum Pumps, Orthopaedic Shoe Grinders, Orthotic Sanders, and Orthotic Routers.

Call us on: 0151 448 1228 or complete the relevant request form available at www.algeos.com.

Education & Training



Algeos is committed to education and training - from ensuring that all our employees are thoroughly trained on our vast product range, to providing high level education to our customers and end-users.

Vince Zevallos Herencia, Head of Education and Clinical Specialist in Podiatry Biomechanics and Health Education, spent over 10 years in the NHS and has vast experience and knowledge in Diabetes.

Vince leads our education programme which offers the best training, education and service in the industry and this sets us apart from other suppliers.

Algeos' programme of education ranges from on-site bespoke training and workshops, to full study days and conferences. We can cover a broad spectrum of subjects including biomechanical assessment, diabetes, vascular, and much more.

Product Suite

A large selection of our diagnostic equipment, clinical equipment and furniture is on display at our Head Office in Liverpool. Utilising this space, we are able to offer product demonstrations, advice, consultation, and training.



Please call 0151 448 5159 (Sales Team) or email info@algeos.com to arrange a visit and meet the team.

Quality & Compliance

At Algeos, we are passionate about the quality of our work and our commitment to quality is at **the heart of everything we do**.

Our quality management systems help us to exceed customer expectations and meet regulatory requirements in terms of the performance, reliability, and delivery of our products and our service.

We regularly monitor, review, and improve our quality systems, processes, and objectives to ensure that they effectively meet the expectations of all of our stakeholders worldwide.

Our quality policy, effective communication and investment in training provides every employee with a clear understanding of our commitment to quality and how this is achieved.

We currently adhere to the following quality management systems:

- BS EN ISO 13485:2012
- BS EN ISO 9001:2008



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Simple solutions. Endless possibilities.

New and improved Slimflex orthotics are so easy to use,
you'll wonder how you managed without them.



8-20

Silipos

We are proud to announce that we are the NEW exclusive UK and Ireland distribution partner for Silipos.



78

RUCK

Quite simply, RUCK products set the standard for the podiatry profession and this is the first time they have been available in the UK.



367

Algeos Instruments

This year we welcome Algeos Instruments into our Portfolio. We have revamped our offering, and we have introduced NEW product lines for 2018.



123

Freezpen

Freezpen provides you with precision, sufficient power, and speed, all in an ergonomic, easy-to-use design.



313

PORON® Laminations

Have been designed to speed up your manufacturing processes.



413

Swiss Dolorclast Master

The solution in radial shock wave therapy.



317

Spirit Medical

Outcome-enhancing and cost-effective patient care through our innovative and high quality therapeutic products.



273

Dr Anders

Deliver great benefits to your patients, and high revenue generation for your practice.



116



Materials & Manufacturing

Aortha® EVA

Aortha EVA (Ethylene Vinyl Acetate) is one the world's most commonly used foam products in orthotics, prosthetics, and footwear manufacture. Tried and trusted, this truly versatile closed-cell foam is lightweight, shock absorbing, and very hard wearing. Aortha EVA retains its shape well, reflects body heat, and boasts an impressive life span.

This skin friendly foam is toxic-free, washable, heat mouldable, grindable and can be fine sanded to create an exceptional finish.

Aortha EVA allows for great-looking, high-performance appliances made to last and endure. Aortha EVA has excellent thermal properties and softer grades are conformable and unlikely to breakdown or bottom out.

Medical Applications:

Orthotics (all types), splint padding, seating, prosthetic linings, orthopaedic padding, orthopaedic shoes, insole covers, brace padding, and many, many more.

Guidelines for Use:

The ideal temperature for thermoforming Aortha EVA depends on the material thickness and hardness.

It is important to indicate the aforementioned conditions should be adjusted according to the following patterns:

The thinner the material, the lower the temperature or the exposure timing.

The heat source is also important; a direct infrared radiation will be much more aggressive than heating a piece with a circulating air system, meaning the temperature should be adjusted accordingly.

In general, EVA copolymers should not be heated more than 200°C since degradation may occur.

Degradation of EVA results in the elimination of acetic acid, which can account for a "vinegar" odours and corrosion of some materials.

Bespoke Services*:

Perforations, adhesive backing, custom sizes/thicknesses, lamination, CAD-CAM blocks, additional non-stock colour and density options.

*Bespoke orders are only available for sizable orders (100+ Sheets/Blocks).
Quotations available on request.



Contact us for further information at info@algeos.com or call 0151 448 1228.

Aortha® AirLite - Shore A18

AirLite EVA is a low density EVA foam, which is mouldable, finishes beautifully and has very good abrasion resistance properties making it an ideal orthotic lining material.

Aortha AirLite is priced economically against similar products.

Product Features & Benefits:

- Lightweight.
- Comfortable underfoot.
- Easily fabricated, easy to work with.
- Non-clogging.
- Available in perforated format to allow for breathability and improved in-shoe airflow.
- Washable due to closed cell structure.

Indications for Use:

- Cushioning insoles and orthotic top covers.
- Ideal for linings in diabetic and rheumatoid shoes.
- Prosthetic linings.
- Orthopaedic linings.
- AFO interfaces.

NEW



Thickness/Colour	Standard	Perforated
1000mm x 1000mm x 2mm	OG3266	OG3272
1000mm x 1000mm x 3mm	OG3265	OG3275
1000mm x 1000mm x 4mm	OG3267	OG3273
1000mm x 1000mm x 6mm	OG3268	OG3274
1000mm x 1000mm x 8mm	OG3269	-
1000mm x 1000mm x 10mm	OG3270	-
1000mm x 1000mm x 12mm	OG3271	-

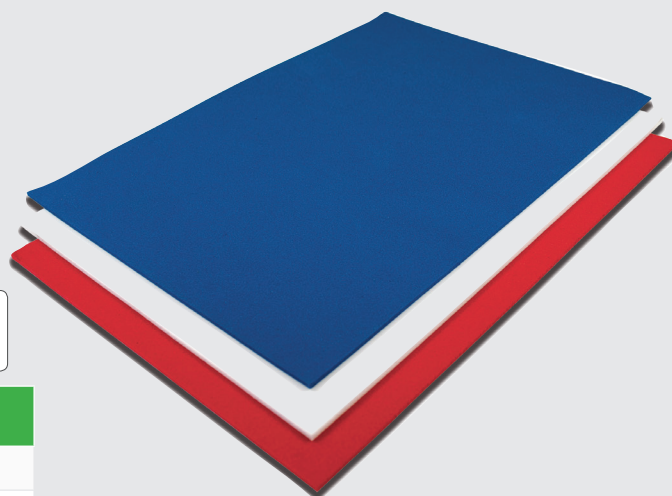
Algefoam - Shore A18

Algefoam is a low density EVA foam which is **easily mouldable at 140°C** and conforms well to deep heel cups.

It is hard wearing with excellent abrasion resistant properties, making it an ideal orthotic lining material.



Thickness/Colour	Red	Blue	White
2000mm x 1000mm x 3mm	ON1323	ON1313	ON1303
2000mm x 1000mm x 6mm	ON1326	ON1316	ON1306
2000mm x 1000mm x 12mm	ON1328	ON1318	ON1312



Orthashock Slow Memory EVA - Shore A25

Shock absorbing, high restoration capabilities, cost effective.

Orthashock is produced from a slow memory, closed-cell EVA which has been transformed by compression giving it great shock absorbing properties - suitable for areas that must remain free of pressure.

Orthashock is a highly versatile and malleable material perfect for developing orthopaedic aids. It boasts lightweight, durable and thermoformable properties that allow bespoke applications fulfilling the needs of each consumer, without losing its delayed recovery characteristics.

Applications:

Insoles, orthotic paddings - heel and forefoot cushioning; AFO interfaces, orthotic top covers, mid layer orthotics and leisure padding for contact sport.

Product Features & Benefits:

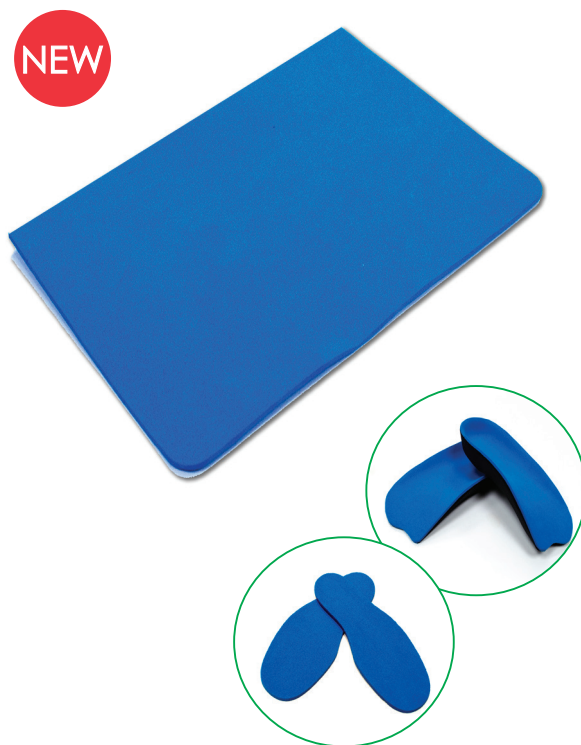
- Skin friendly - non toxic.
- Washable.
- Thermoformable.
- Malleable - highly customisable to suit the needs of the consumer.
- Closed-cell structure - retains rebound properties throughout use.
- Flexible and lightweight.
- Superb strength and tear resistance.
- Smooth finish providing long lasting comfort.
- Excellent shock absorption and rebound properties.
- Water resistant.
- Application versatility.
- Durable - withstands daily wear.
- Cost effective.
- Hygienic and disinfectable due to closed-cell structure.

Technical Specifications:

- **Density:** (g/cm³) 0.20 ± 0.03 .
- **Hardness:** (°Sh A) 22 ± 5 .

*tests performed on a 20mm thickness sample.

Sheet Size: 950mm x 950mm.



Thickness/Colour	Blue
1.5mm	OB2950
3mm	OB2951
6mm	OB2952
9mm	OB2953

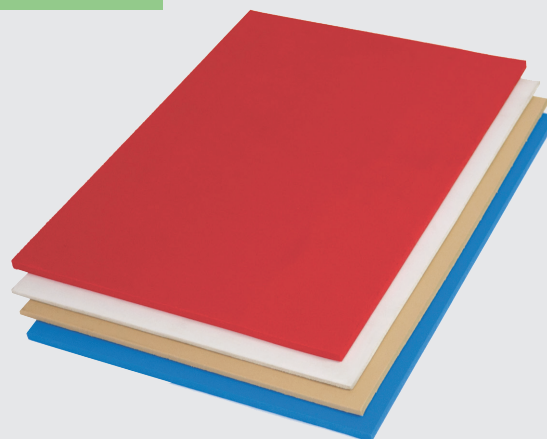
Aortha® LD EVA - Shore A25

Low density, Extremely versatile high quality EVA foam sheeting is used throughout the orthotics, prosthetics, footcare and footwear trades for a variety of uses.

Mouldable between 120°C and 140°C depending on the sheet density, with an oven time of 2 minutes per mm.

Note:

Neon pink and vibrant blue colours are Shore A30.



Thickness/Colour	White	Blue	Black	Grey	Red	Beige	Neon Pink	Vibrant Blue
1000mm x 1000mm x 1mm	OG1348	OG1320	OG1691	OG9092	OG1319	OG1272	OG1854	OG1847
1000mm x 1000mm x 3mm	OG1344	OG1346	OG1397	OG1674	OG1347	OG1259	OG1855	OG1848
1000mm x 1000mm x 5mm	OG1345	OG1299	OG1686	OG1676	OG1356	OG1245	OG1856	OG1849
1000mm x 1000mm x 6mm	OG1341	OG1352	OG1694	OG1677	OG1357	OG1279	OG1857	OG1850
1000mm x 1000mm x 10mm	OG1330	OG1331	OG1696	OG1684	OG1332	OG1254	OG1858	OG1851
1000mm x 1000mm x 12mm	OG1339	OG1342	OG1697	OG1620	OG1338	OG1286	OG1859	OG1852
1000mm x 1000mm x 15mm	OG1335	OG1336	OG1698	OG1618	OG1337	OG1271	OG1861	OG1853

Aortha® MLD EVA - Shore A35

NEW



Thickness/Colour	White	Blue	Black
1010mm x 980mm x 1mm	OG2187	OG2196	OG2111
1010mm x 980mm x 3mm	OG2069	OG2192	OG2113
1010mm x 980mm x 5mm	OG2189	OG2121	OG2119
1010mm x 980mm x 6mm	OG2071	OG2123	OG2116
1010mm x 980mm x 10mm	OG2072	OG2129	OG2124
1010mm x 980mm x 12mm	OG2108	OG2125	OG2122
1010mm x 980mm x 15mm	OG2109	OG2127	OG2110

Density (kg/m³)

A25 = 150
A35 = 210
A50 = 340
A65 = 470

Aortha® MD EVA - Shore A50

Medium density. Mouldable between 120°C and 160°C depending on density with an average oven time of 2 minutes per mm.

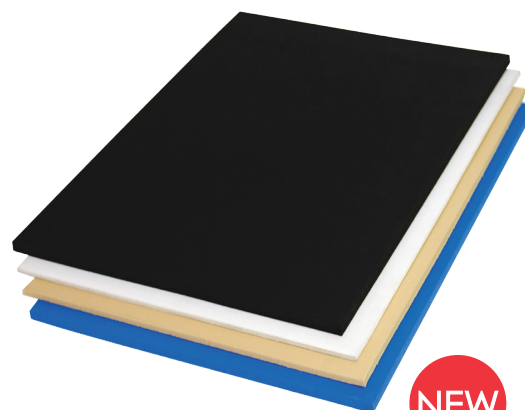
Robust but comfortable base and midsole material designed to last and endure.

This skin friendly foam is toxic-free, washable, heat mouldable, grindable and can be fine sanded to create an exceptional finish.

Sheet sizes are listed in the table below except for the following colours:

Pink and vibrant blue colour sheet size: 1000mm x 920mm.

Purple: 1150 x 920mm.



Thickness/Colour	White	Blue	Black	Brown	Red	Beige	Purple	Neon Pink	Vibrant Blue
1010mm x 980mm x 1mm	OG1127	OG1137	OG1311	OG1100	OG1147	OG1741	OG1579	OG1821	OG1808
1010mm x 980mm x 3mm	OG1124	OG1134	OG1304	OG1114	OG1592	OG1743	OG1570	OG1824	OG1809
1010mm x 980mm x 5mm	OG1119	OG1290	OG1317	OG1661	OG1149	OG1746	OG1575	OG1833	OG1810
1010mm x 980mm x 6mm	OG1120	OG1130	OG1300	OG1110	OG1140	OG1746	OG1574	OG1834	OG1811
1010mm x 980mm x 10mm	OG1122	OG1132	OG1302	OG1112	OG1142	OG1750	OG1572	OG1835	OG1814
1010mm x 980mm x 12mm	OG1123	OG1133	OG1303	OG1113	OG1143	OG1752	OG1573	OG1836	OG1816
1010mm x 980mm x 15mm	OG1823	OG1664	OG1822	OG1199	OG1145	OG1753	OG1830	OG1837	OG1818

Aortha® HD EVA - Shore A65

Shore A65 high density EVA is commonly used for shoe lifts, heel lifting, block heels, wedge bottoms, rigid insoles, and a variety of commercial uses.

Mouldable between 120°C and 170°C depending on density with an average oven time of 2 minutes per mm.



Thickness/Colour	White	Blue	Black	Beige	Red
1000mm x 800mm x 1mm	OG1641	OG1521	OG1539	OG1811	OG1616
1000mm x 800mm x 3mm	OG1558	OG1527	OG1544	OG1783	OG1531
1000mm x 800mm x 4mm	OG1517	OG1634	OG1545	OG1283	OG1534
1000mm x 800mm x 6mm	OG1516	OG1526	OG1546	OG1786	OG1536
1000mm x 800mm x 8mm	OG1518	OG1528	OG1548	OG1788	OG1538
1000mm x 800mm x 10mm	OG1520	OG1530	OG1550	OG1790	OG1540
1000mm x 800mm x 12mm	OG1522	OG1532	OG1552	OG1792	OG1542
1000mm x 800mm x 16mm	OG1557	OG1610	OG1553	OG1645	OG1637

Aortha® Multi-Colour EVA

The colourful EVA foams range is ideal for covers when manufacturing children's devices.

Aortha Multi-Colour EVAs are heat mouldable between 120°C and 180°C depending on density with an average oven time of 2 minutes per mm.

Applications include insole covers, orthotic linings, prosthetic linings, paediatric helmets, AFOs, and orthopaedic shoes.

Note:

Sheet sizes may vary from description. See price list for exact specification.



A30



A30



A30



A34



A34



A34



A50



A50



A50



A50



Colour / Thickness	Blue Light Blue	Beige	Black Grey	Black Yellow	Yellow Blue	Blue White	Black Purple	Green Blue	Yellow Green	Red Green
1000mm x 1000mm x 1mm	OG2086	OG2093	OG2350	OG2379	OG2378	OG2315	OG2375	OG2373	OG2377	OG2372
1000mm x 1000mm x 2mm	OG2087	OG2094	OG2380	OG1993	OG2389	OG1991	OG2321	OG2356	OG2324	OG2384
1000mm x 1000mm x 3mm	OG2088	OG2095	OG2102	OG2418	OG1996	OG2310	OG2344	OG2395	OG2390	OG2406
1000mm x 1000mm x 5mm	OG2090	OG2097	OG2323	OG2419	OG2415	OG2400	OG2332	OG2405	OG2319	OG2317
1000mm x 1000mm x 8mm	OG2092	OG2099	OG2103	OG2339	OG2334	OG2416	OG2333	OG2337	OG2338	OG2335
1000mm x 1000mm x 12mm	OG2085	OG2084	OG2105	OG2364	OG2340	OG2417	OG2353	OG2357	OG2353	OG2355

Pe-Lite Foam - Shore A30 & A45

Pe-Lite is an expanded cross-linked polyethylene foam material. It is lightweight, soft to the touch, moisture resistant and provides comfortable all round cushioning.

It is commonly used for lower-limb prosthetics - generally as a cushioning inner liner between the stump and the socket. Can also be used for foot orthotics and orthotic linings.

Typically used in 3mm, 5mm or 8mm thickness. Pe-Lite moulds under heat and pressure to conform to the inside socket shape.



Thickness/Colour	A45 Beige	A30 Beige
975mm x 1000mm x 3mm	ON2103	ON2403
975mm x 1000mm x 5mm	ON2105	ON2405
975mm x 1000mm x 8mm	ON2106	ON2408
975mm x 1000mm x 13mm	ON2113	ON2413
975mm x 1000mm x 18mm	ON2118	ON2418

Aortha® EVA for CAD-CAM

Aortha EVA CAD-CAM Blocks are truly versatile and offer full manufacturing flexibility. Devices manufactured from EVA foam are lightweight, shock absorbing and very hard wearing. EVA orthotics also retain their shape and reflect body heat.

EVA is an excellent material for use as an appliance base for a covered CAD-CAM foot orthotic or alone as the finished device. A higher density gives more control of the foot whilst lower densities offer increased comfort.



Stock CAD-CAM EVA Blocks

Code	Colour	Thickness	Shore	Size
OG6100	Black	40mm	A50	800mm x 500mm
OG7487	Blue	40mm	A50	398mm x 298mm
OG7008	Blue	35mm	A50	800mm x 370mm
OG6127	Red	40mm	A25	398mm x 298mm
OG6162	White	35mm	A50	395mm x 295mm
OG6130	Beige	45mm	A30	800mm x 500mm
OG6137	Black	35mm	A35	395mm x 295mm
OG6154	Blue	40mm	A50	395mm x 295mm
OG6155	Blue	35mm	A50	395mm x 295mm
OG6112	Blue	35mm	A50	398mm x 298mm
OG6173	Black	40mm	A50	360mm x 310mm
OG6102	Black	40mm	A50	385mm x 310mm
OG6103	Black	35mm	A50	395mm x 295mm
OG6157	Red	35mm	A50	395mm x 295mm
OG6169	Black	35mm	A65	395mm x 295mm

Bespoke Services:

- Cut to size.
- Adhesive backing.
- Shape cutting.
- Jig holes.
- Jumbo blocks for large mills.



About Easy-Mill EVA:

Easy-Mill is an EVA foam manufactured from a finer grain of EVA.

When using Easy-Mill EVA, the residue produced through the milling process is much finer than with standard EVA. This means any build up is easily removed.

Easy-Mill EVA is not as durable as our standard EVA, however, it is milled in exactly the same way and will produce quality applications.

Stock CAD-CAM EVA Blocks (Easy-Mill)

Code	Colour	Thickness	Shore	Size
OG7141	White	35mm	A25	395mm x 295mm
OG7142	Beige	35mm	A25	395mm x 295mm
OG7143	Blue	35mm	A35	395mm x 295mm
OG7181	Blue	35mm	A35	395mm x 295mm
OG7154	Blue	40mm	A35	395mm x 295mm
OG7158	Blue	35mm	A50	395mm x 295mm
OG7179	Red	35mm	A65	395mm x 295mm
OG7177	Red	35mm	A65	395mm x 295mm

Aortha® EVA Die-Cuts for CAD-CAM

Aortha EVA materials are also available as die-cut orthotic blanks aka: duck shapes. Duck shapes are available in different densities and colours to suit your requirements. They will fit most existing milling systems or can be used with your own custom system.

Blanks can be secured to milling stations using double-sided tape or your own milling adapter frame.

Easy-Mill EVA Die-Cuts

Code	Shore	Size	Thickness	Colour
OG7221	A25	Small	35mm	White
OG7222	A25	Medium	35mm	White
OG7223	A25	Large	35mm	White
OG7226	A25	Small	35mm	Black
OG7227	A25	Medium	35mm	Black
OG7228	A25	Large	35mm	Black
OG7205	A35	Small	35mm	Blue
OG7206	A35	Medium	35mm	Blue
OG7207	A35	Large	35mm	Blue
OG7261	A50	Small	35mm	Blue
OG7262	A50	Medium	35mm	Blue
OG7263	A50	Large	35mm	Blue
OG7321	A65	Small	35mm	Red
OG7322	A65	Medium	35mm	Red
OG7323	A65	Large	35mm	Red



Standard EVA Die-Cuts

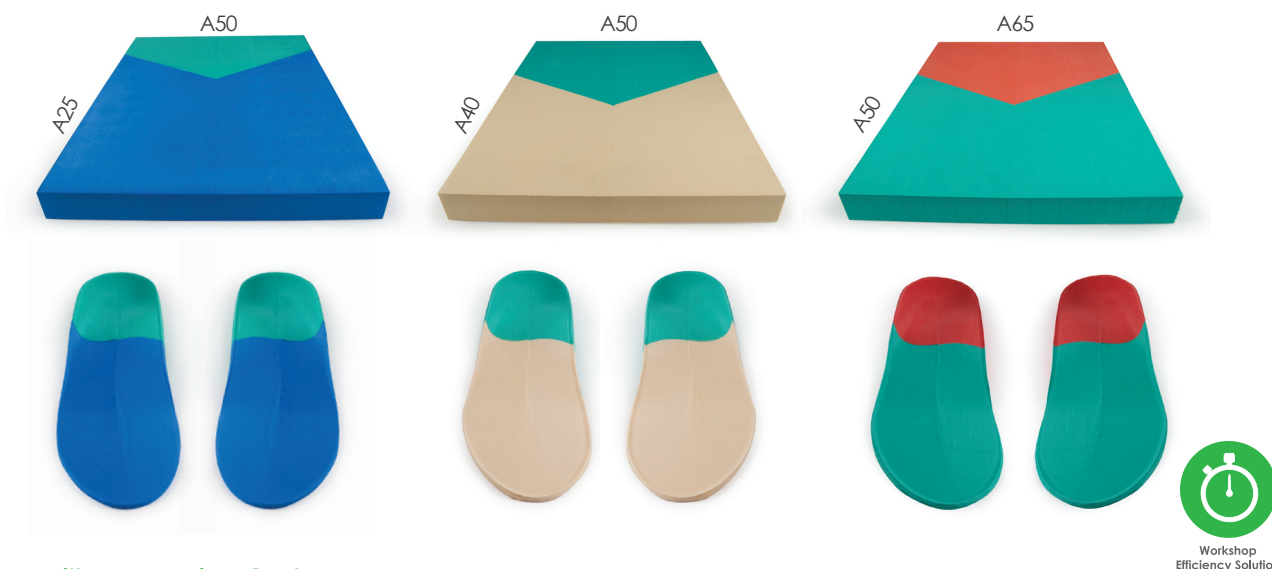
Code	Shore	Size	Thickness	Colour
OG6221	A25	Small	35mm	White
OG6222	A25	Medium	35mm	White
OG6223	A25	Large	35mm	White
OG6205	A35	Small	35mm	Blue
OG6206	A35	Medium	35mm	Blue
OG6207	A35	Large	35mm	Blue
OG6215	A35	Small	35mm	Black
OG6216	A35	Medium	35mm	Black
OG6217	A35	Large	35mm	Black
OG6261	A50	Small	35mm	Blue
OG6262	A50	Medium	35mm	Blue
OG6263	A50	Large	35mm	Blue
OG6265	A50	Small	35mm	Black
OG6266	A50	Medium	35mm	Black
OG6267	A50	Large	35mm	Black

Blanks Size Guide		
Blank Size	Shoe Size	Dimensions
Small	3 - 5	275mm x 107mm
Medium	6 - 10	312mm x 123mm
Large	11+	340mm x 127mm

Dual Density EVA Blocks

As part of our extensive Aortha CAD-CAM range we also offer Dual Density EVA Blocks. Dual Density combinations enable quick and efficient manufacturing of dual density, multi-functional foot orthotics.

The combination of medium and low densities enables more choice and greater functionality of the finished foot orthotic. The higher density gives more control of the foot whilst lower densities offer increased comfort.



Easy-Mill EVA Die-Cuts

Code	Shore	Size	Thickness	Colour
OG6561	A25/A50	400mm x 300mm	33mm	Blue/Green
OG6563	A40/A50	400mm x 300mm	33mm	Beige/Green
OG6565	A50/A65	400mm x 300mm	33mm	Green/Peach

Dual Density Blocks are manufactured from Easy-Mill Grade EVA as standard.

Easy-Mill is an EVA foam manufactured from a finer grain of EVA. When using Easy-Mill EVA, the residue produced through the milling process is much finer than with standard EVA, meaning any build up is easily removed.

Stock CAD-CAM EVA Trapezoids

Materials sold with some CAD-CAM systems (some under contract) can be very expensive and restrictive in hindering your design flexibility. Aortha materials provide you with full design flexibility, a vast choice of material combinations and most importantly, major cost savings.

Specially designed, high quality EVA CAD-CAM blocks available in multiple densities. Aortha EVA CAD-CAM blocks are versatile and easy to use.

Dimensions: Top 128mm, Sides 338mm, Bottom, 146mm (Fit most common mills used).

Item Code	Shore	Thickness	Colour
OG6235	A50	35mm	Blue
OG6240	A65	35mm	Red
OG7083	A50	35mm	Black
OG6247	A35	33mm	Beige
OG6237	A35	35mm	Beige
OG7089	A50	35mm	Beige
OG6236	A30	35mm	Beige

NEW



Multi-Density Orthotic Blanks

In addition to the single density blanks duck shapes (see page 399), we can also offer 'dual' and 'tri' density blanks that will enable you to take full advantage of your existing CAD-CAM milling equipment.

As with a casted device, different densities of EVA are used to increase the functionality or give cushioning and support.

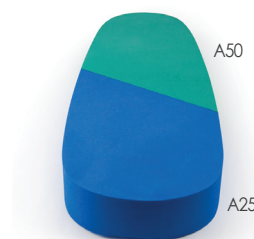
The individual pieces are combined to offer a wide choice for the clinical prescription. A higher density gives more control of the foot while lower densities offer increased comfort, making dual or tri-density materials an excellent choice for patients with multiple needs.

Multi-Density Blocks are manufactured from Easy-Mill EVA as standard.



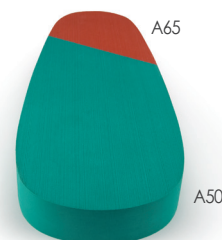
Blue/Green

Code	Shore	Size	Thickness	Colour
OG6401	A25/A50	Small	35mm	Blue/Green
OG6402	A25/A50	Medium	35mm	Blue/Green
OG6403	A25/A50	Large	35mm	Blue/Green



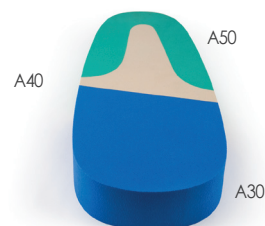
Green/Peach

Code	Shore	Size	Thickness	Colour
OG6441	A50/A65	Small	35mm	Green/Peach
OG6442	A50/A65	Medium	35mm	Green/Peach
OG6443	A50/A65	Large	35mm	Green/Peach



Blue/Yellow/Green

Code	Shore	Size	Thickness	Colour
OG6501	A30/A40/A50	Small	35mm	Blue/Beige/Green
OG6502	A30/A40/A50	Medium	35mm	Blue/Beige/Green
OG6503	A30/A40/A50	Large	35mm	Blue/Beige/Green



Blanks Size Guide

Blank Size	Shoe Size	Dimensions
Small	3 - 5	275mm x 107mm
Medium	6 - 10	312mm x 123mm
Large	11+	340mm x 127mm

Algecork for CAD-CAM

Algecork is a medium density EVA material that contains granulated cork. The resilient material can be used for many applications and is particularly suited to producing foot cradles.

- Lightweight.
- Resilient.

Code	Shore	Size	Thickness	Colour
OG6332	A50	395mm x 295mm	35mm	Beige



PU CAD-CAM Blocks

PU (Polyurethane) is a resilient, comfortable and durable material making it ideal for use in producing orthotics. PU material has excellent abrasion and tear resistance and demonstrates very high impact resistance and toughness whilst providing comfort and stability for your patient.

The PU material is ideal for patients requiring superior shock absorption, comfort and cushioning.

PU is proven to reduce and transfer unwanted pressure from prominent bony structures.

PU is 50% more shock absorbing than EVA and the low compression adds to the shock absorbing durability of the material.

Code	Shore	Size	Thickness	Colour
OG6680	A40-45	398mm x 298mm	40mm	Black
OG6679	A30-35	398mm x 298mm	40mm	Black



MDF for CAD-CAM

MDF is rigid, durable and easily milled. As the MDF block is an engineered wood there are no knots or rings so your final insert will be strong and smooth. Also, as MDF has no grain it can be drilled, machined and filed without damaging the surface.

MDF is also commonly used to mill 'positive' casts for bespoke orthotic production.

Code	Size	Thickness	Colour
OG6209	440mm x 295mm	40mm	Beige
OG6210	395mm x 295mm	40mm	Beige



Plastazote®

IMPROVED

Plastazote foams have widespread uses in orthotics, prosthetic linings and foot care appliances. A thermoplastic polyethylene foam, Plastazote is easily heat moulded (85-140°C) and will adhere to most materials.

Its unique cross-linked construction and non-toxicity have established Plastazote as standard for orthotic linings. It is readily washable, discourages bacteria growth and has excellent thermal properties. Medical application areas include: orthotics, splinting, seating, collars, prosthetic padding and protective equipment.

Bespoke Services:

- Cut to size.
- Perforations.
- Adhesive backing.
- Shape cutting.
- Sheet lamination.

Plastazote® Sheets

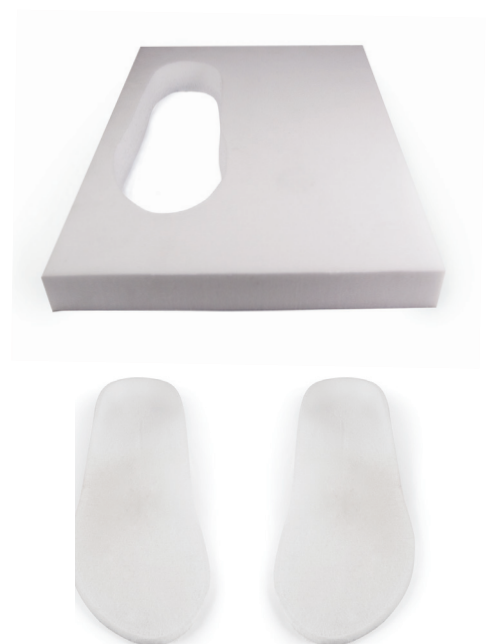
Grade	Sheet Size	Colour		3mm	6mm	12mm	25mm
LD24	1000mm x 2000mm	White	○	ON1032	ON1034	ON1038	ON1040
LD24	1000mm x 2000mm	Black	●	ON1045	ON1043	ON1041	ON1042
LD33	1000mm x 2000mm	Lilac	●	ON1181	ON1183	ON1188	ON1187
LD33	1000mm x 2000mm	Black	●	ON3003	ON3006	ON3009	ON3013
LD45	1000mm x 1500mm	Blue	●	ON1153	ON1156	ON1158	ON1152
LD45	1000mm x 1500mm	Black	●	ON1154	ON1157	ON1159	ON1160
LD45	1000mm x 1500mm	Red	●	ON1143	ON1146	ON1148	ON1149
LD45	1000mm x 1500mm	White	○	ON1103	ON1106	ON1108	ON1109
LD45	1000mm x 1500mm	Pink	●	ON1113	ON1116	ON1117	ON1119
LD60	900mm x 1800mm	White	○	ON1091	ON1092	ON1094	ON1098
LD60	900mm x 1800mm	Black	●	ON1189	ON1190	ON1194	ON1191
HD115	680mm x 1000mm	Black	●	ON1073	ON1074	ON1078	-
HD115	680mm x 1000mm	White	○	ON1083	ON1084	ON1086	-

Plastazote® CAD-CAM Blocks

Code	Density	Size	Thickness	Colour
ON2501	LD24	378mm x 298mm	35mm	White
ON2502	LD24	395mm x 295mm	35mm	Black
ON2503	LD45	395mm x 295mm	35mm	White
ON2504	LD45	395mm x 295mm	35mm	White
ON2508	LD45	395mm x 295mm	35mm	Black
ON2512	LD60	395mm x 295mm	35mm	Black
ON2514	LD60	378mm x 298mm	35mm	White
ON2522	HD80	395mm x 300mm	35mm	Black
ON2515	HD115	378mm x 298mm	21mm	White
ON2528	HD115	398mm x 298mm	21mm	Black

Density	Grade	Density
LD24	Soft	24Kg/m3
LD33	Med Density	33Kg/m3
LD45	Firm	45Kg/m3
LD60	Very Firm	60Kg/m3
HD115	Rigid	115Kg/m3

Material characteristics sheets available on request and online



Evazote EV50

Evazote is a closed cell, cross-linked ethylene vinyl acetate copolymer block foam manufactured using Zotefoams unique production process.

Similar to LD24 Plastazote but more resistant in abrasive applications.

Evazote is elastic, durable, resilient under repeated impact, has excellent insulating properties, and is slip resistant.

Sheet Size: 1000mm x 1500mm.



Colour / Thickness	Black	Blue	White	Grey
3mm	ON1066	ON1052	ON1056	ON1063
6mm	ON1067	ON1054	ON1058	ON1065
12mm	ON1068	ON1053	ON1059	ON1062



For additional thickness options, please contact us.



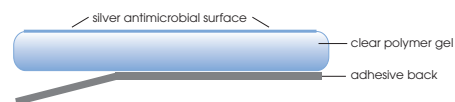
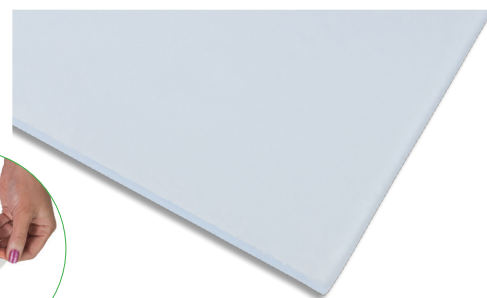
Podotech® Peel & Stick Gel

Podotech Peel & Stick Gel is a low durometer comfort gel sheet with a revolutionary adhesive backing. The material also incorporates the unique antimicrobial properties of silver. Constructed from a hydrophilic film, silver ions work to prevent the regeneration of bacteria through diffusion from the surface area of the padding.

Product Features & Benefits:

- Peel & stick: specific spot placement, reusable adhesion.
- Polyurethane gel: low durometer, low cost, and high performance.
- Trim to fit: cut with scissors for custom parts, die-cut full insole liners, gel will not leak.

Code	Sheet Size	Thickness
OB2809	406mm x 457mm	2mm



Podotech® PORON® Gel

This new innovative PORON material is laminated to a polymer gel sheeting to combine the ingenious qualities of both materials for superior foot care.

The bottom layer is made from PORON medical grade urethane. The material is blue in colour and designed to reduce impact to the feet and joints by providing advanced shock absorption and increased cushioning support.

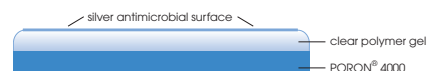
The top layer of this dual material is a clear gel panel, which acts like human fatty tissue to cushion bony protrusions and pressure sensitive skin. The gel displaces weight evenly thus preventing the focus of pressure on one area alone.

Code	Sheet Size	Thickness
OB2808	406mm x 457mm	3mm

IMPROVED



Workshop
Efficiency Solution



Aortha® Thermofelt

Thermofelt consists of two layers of fibre needled together. The structure at the bottom is vacuumed into a hardened shape, heat moulded around plaster cast, and is adapted to obtain therapeutically effective support relief. The top layer is shock absorbent, and the surface in contact with the skin and textiles is pleasantly soft and warm.

Thermofelt is extraordinarily versatile. Processing is simple and requires no specialist tools or equipment. The material is simply cut, heated and vacuum moulded.

Product Features & Benefits:

- Breathable.
- Diverts moisture.
- Washable and hygienic.
- Moulds perfectly.

Applications for Use:

- Can be used for insoles, jackets, AFOs & splints.



Technical information and usage advice is available upon request.

Thermofelt Duck Shapes

Code	Size	Thickness	Colour
LA7871	Small	12mm	Grey
LA7872	Medium	12mm	Grey
LA7873	Large	12mm	Grey
LA7874	X-Large	12mm	Grey
LA7875	XX-Large	12mm	Grey

Thermofelt Sheets

Code	Size	Thickness	Colour
LA7862	1000mm x 1300mm	12mm	Grey

Orthotic Felt

High quality wool based felt for use in orthotic manufacture.

Code	Size	Thickness	Colour
LA3666	1000mm x 1900mm	4.8mm	White
LA3673	1000mm x 1800mm	6.4mm	Grey



Algeos Services

Our aim is to become the World's number one 'one stop shop' for all workshop material requirements.

Algeos supplies and manufactures the widest range of appliance making materials available anywhere in the world, including foams, carbon-fibre composites, metal items and plastics. With our own in-house cutting, splitting, laminating and printing facilities on site. We are able to manufacture and convert materials to almost any specification.

Bespoke material orders

CAD-CAM has become more and more popular, and is now accepted as an efficient and effective way to design and manufacture custom appliances.

Algeos understands that the raw material requirements for CAD-CAM differ to those from traditional orthopaedic and prosthetic manufacture. We therefore supply EVA, PU, plastics and other materials in various dimensions and densities which are better suited to this form of manufacture.

Algeos can prepare materials to almost any specification. We have several stock thicknesses and hardnesses available to order immediately. We can also fulfil bespoke orders quickly and with little fuss.

Lamination

Algeos can now laminate sheet materials of your choice, supplied in several thicknesses, sizes and lamination variations to suit your manufacturing requirements. Need something to specification? PORON on EVA? Cambrelle on Plastazote? EVA on EVA even? If we don't already stock it, we can work with you to develop it.

Global sourcing

If you can't find a suitable product in our catalogue, please let us know - we may be able to help. Algeos is a specialist in sourcing and procurement and can supply materials and components in various designs, sizes, thicknesses and formats, that are not published in our catalogues.

There isn't much we don't know about or can't acquire. Just ask us!

Technology partner

Algeos has partnerships both locally and globally with the world's most innovative and cutting-edge software and hardware providers for all aspects of biomechanical analysis and computer aided appliance manufacture.

We can put you in touch with or supply you direct with everything from gait analysis systems to CAD-CAM milling systems.

Committed to education & training

Algeos' commitment to education, training, and innovation sets us apart from other suppliers. We work closely with the World's leading academics and universities to both educate and to draw on the knowledge these institutions and experts provide.

Many of Algeos products are backed up by extensive research and studies, all of which are available on request or to download on our website.

Algeos can provide speakers and educators for conferences, academic lecturing and in-house training. Factory and warehouse tours at our Liverpool site are available on request, as are facilities for providing your own training.

Full details of courses will be listed on our website and you can also contact us at info@algeos.com for full details of upcoming events.



PORON Performance Cushioning brings long-lasting comfort and high performance shock absorption in a durable material that withstands even the toughest daily wear. In side-by-side comparison with other typical insole materials, PORON Performance Materials exhibit how they have been engineered to provide maximum repeated shock absorption from minimum thickness.

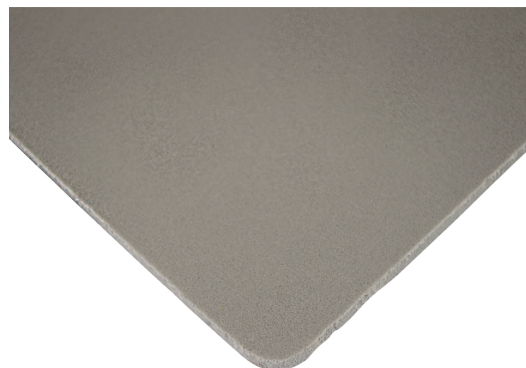
PORON® 4000 - Grey (High Performance)

PORON 4000 is used in a wide variety of products. Its firmness offers high energy return and excellent impact absorption for demanding work outdoors, athletic and casual applications.

Footwear applications include footbeds, covered foot orthotics and sock liners.

Bespoke Services:

- Cut to size.
- Lamination.
- Adhesive backing.
- Shape cutting.
- Covers for CAD-CAM.



Smooth Surface

Code	Thickness	Sheet Size	Type
OB2160	1.6mm	1370mm x 1000mm	Smooth Surface
OB2162	3.2mm	1370mm x 1000mm	Smooth Surface
OB2164	6.35mm	1370mm x 1000mm	Smooth Surface



Abraded Surface

Code	Thickness	Sheet Size	Type
OB2214	1.6mm	1370mm x 1000mm	2 Side Abraded
OB2213	3.2mm	1370mm x 1000mm	2 Side Abraded
OB2264	6.35mm	1370mm x 1000mm	2 Side Abraded
OB2261	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2263	3.2mm	1370mm x 1000mm	1 Side Abraded

Perforated

Code	Thickness	Sheet Size	Type
OB2161	1.6mm	1370mm x 1000mm	Perforated
OB2169	3.2mm	1370mm x 1000mm	Perforated

Adhesive Backed

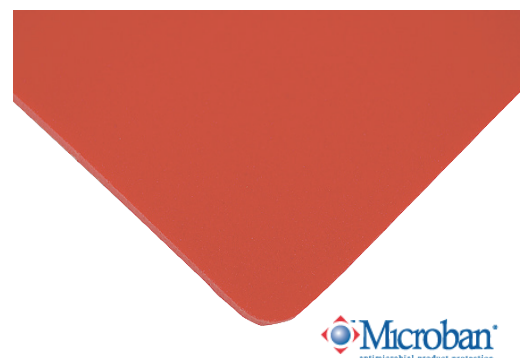
Code	Thickness	Sheet Size	Type
OB2166	1.6mm	1370mm x 1000mm	Adhesive Backed
OB2167	3.2mm	1370mm x 1000mm	Adhesive Backed

PORON® 94 - Pink (Slow Memory)

PORON 94 sets a new level of advanced underfoot comfort technology. This material is a softer, lighter PORON with slower rebound properties.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2149	1.6mm	1370mm x 1000mm	Smooth Surface
OB2146	3.2mm	1370mm x 1000mm	Smooth Surface
OB2147	6.35mm	1370mm x 1000mm	Smooth Surface
OB2553	3.2mm	1370mm x 330mm	Smooth Surface
OB2556	6.35mm	1370mm x 330mm	Smooth Surface



Abraded Surface

Code	Thickness	Sheet Size	Type
OB2081	1.6mm	1370mm x 1000mm	2 Side Abraded
OB2143	3.2mm	1370mm x 1000mm	2 Side Abraded
OB2144	3.2mm	1370mm x 1000mm	1 Side Abraded
OB2084	4.8mm	1370mm x 1000mm	1 Side Abraded

PORON® 92 - Red (Ultra Soft)

An extremely soft, slow rebound PORON. PORON 92 is a unique custom contouring material. This material rebounds slowly when compressed, which results in a custom fit or contour during each use.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2289	1.6mm	1370mm x 1000mm	Smooth Surface
OB2292	4.0mm	1370mm x 1000mm	Smooth Surface
OB2293	12.7mm	1370mm x 1000mm	Smooth Surface



Abraded Surface

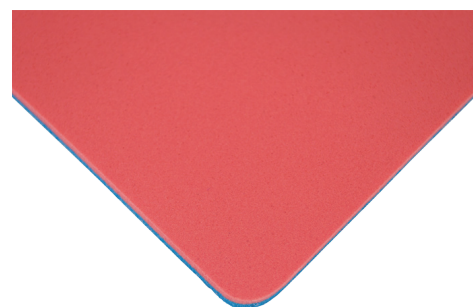
Code	Thickness	Sheet Size	Type
OB2290	3.2mm	1370mm x 1000mm	1 Side Abraded
OB2291	6.35mm	1370mm x 1000mm	1 Side Abraded

PORON® Dual Layer

This high performance urethane combines the durability and shock absorbing qualities of PORON 4000, with the softness and comfort of PORON 94, resulting in a superior dual layer foam.

PORON Dual Layer is formed by a unique patent-pending technology that involves no laminates or adhesives. This original method of manufacture creates a merged cell structure generating a strong bond between the two layers, making the material more durable.

Code	Thickness	Sheet Size	Type
OB2154	1.6mm	1370mm x 1000mm	Smooth Surface

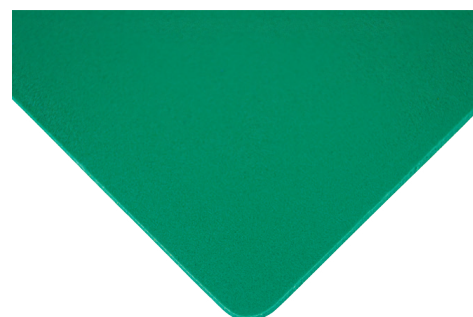


PORON® 4400 Green

PORON 4400 offers anti-microbial protection. Unlike standard anti-odour insoles, PORON 4400 urethane doesn't just mask shoe odours. It stops the growth of odour causing bacteria and fungus, including the fungus that causes athlete's foot.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2172	1.6mm	1370mm x 1000mm	Smooth Surface
OB2173	3.2mm	1370mm x 1000mm	Smooth Surface
OB2174	6.35mm	1370mm x 1000mm	Smooth Surface



Abraded Surface

Code	Thickness	Sheet Size	Type
OB2295	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2296	3.2mm	1370mm x 1000mm	1 Side Abraded

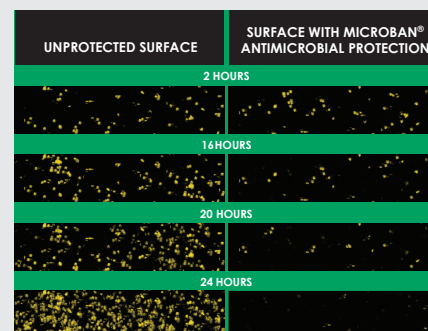
Performance Cushioning with Microban®

All PORON cushioning materials with, Microban antimicrobial product protection, provides consistent, reliable, and long-lasting cushioning comfort from the inside-out.

Microban antimicrobial protection is infused into PORON cushioning for lasting protection that won't wash off or wear away for the lifetime of the foam, continually working to keep the material cleaner and fresher longer.

Recent tests showed that after 18 to 24 hours, PORON cushioning materials treated with Microban antimicrobial protection eliminated 99% of odour production, keeping materials fresher for longer.

PORON cushioning with Microban antimicrobial protection is a no cost, standard offering added to most PORON cushioning materials.

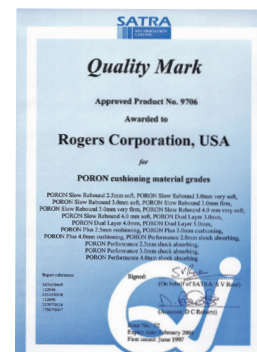


PORON® Medical Urethanes

PORON Medical Urethanes offer a variety of formulations for lasting comfort and compression set resistance in diverse applications.

PORON Medical urethanes are engineered, medium density, microcellular (cells are roughly 100 microns) foam material. They are commonly used in orthopaedic and prosthetic applications, including custom orthotics, custom prefabricated orthotics, prosthetic padding and other biomechanical supports.

PORON urethanes are formulated to last. They contain no plasticisers or processing agents, and will not become brittle or crack with age. PORON materials pass both the Schwartz and Peck Human patch tests (for primary skin irritation).



PORON® Onyx - Medical Grade

Its firmness offers high-energy return and excellent impact absorption for demanding in-shoe environments. Ideal for heavier patients and the highly active due to its excellent wear properties and overall resilience.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2085	9mm	1370mm x 1000mm	Smooth Surface

Abraded Surface

Code	Thickness	Sheet Size	Type
OB2086	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2087	3.2mm	1370mm x 1000mm	1 Side Abraded
OB2088	1.6mm	1370mm x 1000mm	2 Side Abraded
OB2089	3.2mm	1370mm x 1000mm	2 Side Abraded



PORON® 96 - Patina - Medical Grade

PORON Medical Slow Recovery Urethane is a unique custom contouring material. This material rebounds slowly when compressed, which results in a custom fit or contour during each use.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2273	3.2mm	1370mm x 1000mm	Smooth Surface
OB2275	6.35mm	1370mm x 1000mm	Smooth Surface

Abraded Surface

Code	Thickness	Sheet Size	Type
OB2272	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2273	3.2mm	1370mm x 1000mm	1 Side Abraded
OB2270	1.6mm	1370mm x 1000mm	2 Side Abraded
OB2271	3.2mm	1370mm x 1000mm	2 Side Abraded



PORON® 4708 - Blue Medical Grade

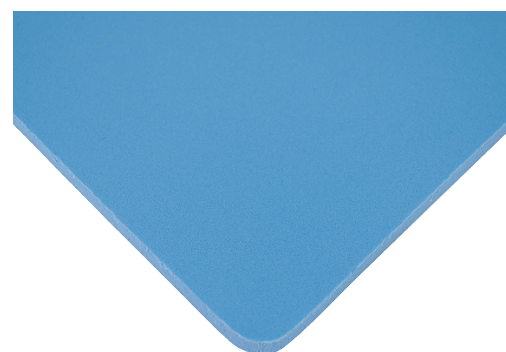
Specially developed for the footcare industry, blue PORON 4708 has passed numerous medical assessments for biological response. PORON 4708 is also approved by the American Podiatric Association.

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2176	1.6mm	1370mm x 1000mm	Smooth Surface
OB2177	3.2mm	1370mm x 1000mm	Smooth Surface
OB2178	6.35mm	1370mm x 1000mm	Smooth Surface

Abraded Surface

Code	Thickness	Sheet Size	Type
OB2211	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2219	3.2mm	1370mm x 1000mm	1 Side Abraded
OB2210	1.6mm	1370mm x 1000mm	2 Side Abraded
OB2212	3.2mm	1370mm x 1000mm	2 Side Abraded



PORON® Vive

Footwear incorporating Poron Vive technology harnesses energy from each step away from the body, and engages that energy to help push the wearer into their next step, helping to increase comfort and reduce fatigue.

- A dynamic open-cell foam technology that instantly reacts to every step.
- Over 55% ball rebound for powerful push offs and quick, responsive movements.
- Reduces and redirects shock forces away from the foot and delivers a "lift off" zone for maximum propulsion.
- Consistent resiliency and cushioning helps maintain an energy efficient stride and fights fatigue.
- Exclusively infused with Microban Antimicrobial Protection to fight the growth of odour and stain causing mould, bacteria and mildew.

NEW



poron® **vive**
energy activated cushioning

Smooth Surface

Code	Thickness	Sheet Size	Type
OB2023	4.0mm	1370mm x 1000mm	Smooth Surface

Abraded Surface

Code	Thickness	Sheet Size	Type
OB2025	1.5mm	1370mm x 1000mm	1 Side Abraded

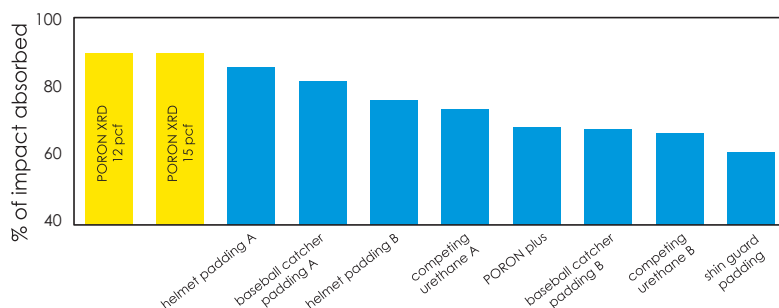
PORON[®] XRD

PORON XRD is the choice for extreme impact protection. It is soft to the touch, lightweight, contouring, and testing confirms that it absorbs more than 90 percent of energy upon repeated impact.

It can be easily fabricated to suit a variety of applications and placements including: insoles, orthotic linings and orthopaedic appliances.

- Soft and contouring against the body, yet instantly dissipates force upon impact.
- Excellent compression-set resistance.
- Breathable.
- Contains Microban.

XRD Performance Data:



Available on
NHS Supply
Chain



Academics'
Choice



Research
Backed

Yellow XRD - Abraded Surface

Code	Thickness	Sheet Size	Type
OB2216	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2318	3.0mm	1370mm x 1000mm	1 Side Abraded
OB2319	4.5mm	1370mm x 1000mm	1 Side Abraded
OB2320	6.0mm	1370mm x 1000mm	1 Side Abraded
OB2301	3.0mm	1370mm x 1000mm	2 Side Abraded
OB2302	6.0mm	1370mm x 1000mm	2 Side Abraded

Black XRD - Abraded Surface

Code	Thickness	Sheet Size	Type
OB2093	1.6mm	1370mm x 1000mm	1 Side Abraded
OB2094	3.0mm	1370mm x 1000mm	1 Side Abraded
OB2095	4.5mm	1370mm x 1000mm	1 Side Abraded
OB2096	6.0mm	1370mm x 1000mm	1 Side Abraded
OB2091	3.0mm	1370mm x 1000mm	2 Side Abraded
OB2092	6.0mm	1370mm x 1000mm	2 Side Abraded



PORON® LAMs

PORON LAMs are pre-laminated, combination sheets combining PORON and a selected range of popular covering fabrics. Designed to speed up your manufacturing processes, these carefully selected combination sheets are ready to be cut to shape to use straight off the shelf.

The combinations listed here are just a selection of Algeos' most popular LAMs.

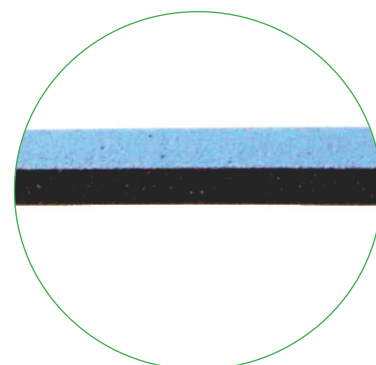
Product Features:

- Everyday material combinations - tried and trusted.
- PORON - ensures high performance.
- Range of high quality covering materials to suit your needs.
- Microban infused PORON that lasts.

Product Benefits:

- Increases manufacturing efficiency - speed up your processes.
- Long lasting for enduring appliances.
- Cost effective.
- No more mess and waste making your own combinations.
- Antimicrobial.

Sheet Size: 1000mm x 630mm.



Multi-layer means multifunctional material properties

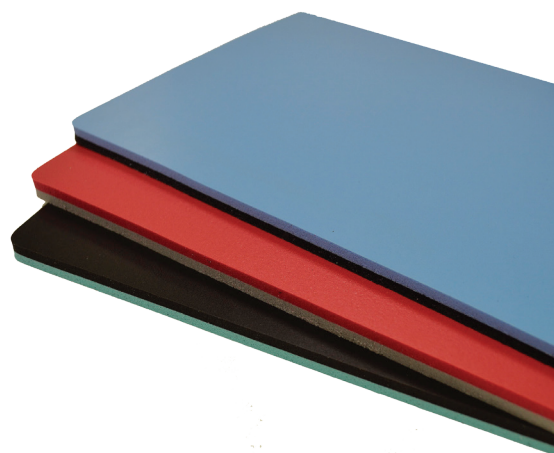
PORON® on Fabric

Code	PORON® Type	Cover Type	Thickness
OG9114	PORON 92	Black Lycra	3mm
OG9113	PORON 92	Black Juliana	3mm
OG9154	PORON 94	Navy Microfibre	3mm
OG9157	PORON 94	Black Lycra	3mm
OG9124	PORON 96	Black Lycra	3mm
OG9132	PORON Grey	Navy Juliana	3mm
OG9131	PORON Grey	Black Lycra	3mm
OG9104	PORON Blue	Navy Microfibre	3mm
OG9106	PORON Blue	Navy Microfibre	6mm
OG9138	PORON Grey	Silana Black	3mm
OG9128	PORON Grey	Black Yampi	3mm
OG9144	PORON Dual Layer	Black Lycra	4mm



PORON® on PORON®

Code	Layer 1	Layer 2	Thickness
OG9178	PORON Grey	PORON Med Blue	3.2mm + 1.6mm = 4.8mm
OG9179	PORON Grey	PORON Green	3.2mm + 1.6mm = 4.8mm
OG9187	PORON Grey	PORON 94	3.2mm + 1.6mm = 4.8mm
OG9188	PORON Grey	PORON 92	3.2mm + 1.6mm = 4.8mm
OG9189	PORON Grey	PORON Blue	3.2mm + 3.2mm = 6.4mm
OG9190	PORON Grey	PORON Red	3.2mm + 3.2mm = 6.4mm
OG9191	PORON Grey	PORON Patina	3.2mm + 3.2mm = 6.4mm
OG9192	PORON XRD Black	PORON Blue	3.2mm + 1.6mm = 4.8mm
OG9193	PORON XRD Black	PORON Patina	3.2mm + 1.6mm = 4.8mm



PORON® on Plastazote® LAMs

The combination of PORON and Plastazote provides combined cushioning and moulding properties. This unique combination consisting of Plastazote, with its proven therapeutic features and PORON, with its unique cushioning abilities gives you assurance in fabricating a long lasting product with multiple benefits for your patient.

Studies have shown that using PORON and Plastazote together are effective in reducing pressure and FTI (Force Time Integral) under the forefoot. Diabetic patients and patients with peripheral neuropathy will benefit hugely from insoles made from this combination as it reduces pressure and tissue damage.

Product Features & Benefits:

- Benefits of two well-known materials combined into one.
- PORON - ensures high performance and unrivaled quality.
- Excellent cushioning and moulding properties.
- Ideal for total contact treatment.
- Reduce stock requirements.
- Save manufacturing time.
- Cost effective.

Sheet Size: 1000mm x 1370mm.

Code	PORON Type	Plastazote Type	Thickness
OB2643	PORON Blue 3.2mm	Pink LD45 3mm	3.2mm + 3mm = 6.2mm
OB2646	PORON Blue 3.2mm	Pink LD45 6mm	3.2mm + 6mm = 9.2mm
OB2641	PORON Blue 1.6mm	Pink LD45 3mm	1.6mm + 3mm = 4.6mm
OB2645	PORON Blue 3.2mm	Blue LD45 3mm	3.2mm + 3mm = 6.2mm
OB2644	PORON Grey 3.2mm	Blue LD45 3mm	3.2mm + 3mm = 6.2mm
OB2647	PORON Dual Layer 4mm	Pink LD45 2mm	4.0mm + 2mm = 6.0mm
OG9119	PORON Green 1.6mm	Blue LD45 3mm	1.6mm + 3mm = 4.6mm
OG9120	PORON Green 3.2mm	Blue LD45 3mm	3.2mm + 3mm = 6.2mm

NEW



ZOTEFOAMS



Workshop Efficiency Solution

PORON® Chairside Packs

PORON chairside packs help to improve chairside insole production efficiency and help minimise clinic/workshop waste.

The size of the packs are easier to store than standard sheets and are much more practical to work with when producing insoles and orthotic components.

Pack contains: 4 x Small Sheets of Poron (450mm x 250mm).

Code	PORON® Type	Thickness
OB2718	XRD Yellow	3.0mm
OB2732	XRD Black	3.0mm
OB2746	94 Pink	3.0mm
OB2754	Dual Layer	4.0mm
OB2760	4000 Grey	1.6mm
OB2762	4000 Grey	3.0mm
OB2776	4708 Medical Blue	1.6mm
OB2777	4708 Medical Blue	3.0mm
OB2790	92 Red	3.0mm



Workshop Efficiency Solution



Juliana Microfibre Covering

The Juliana Microfibre is a stretchy, lightweight orthotic covering that has a great finish. It is cost effective and is ideal for producing large volumes of orthotic top covers/linings. More affordable than our Silana Microfibre, but still of excellent quality, Juliana also has more stretch.

Sold per Metre.

Code	Colour	Width
OA4003	Black	1600mm
OA4010	Navy Blue	1600mm



Silana Microfibre Covering

Silana is a high-grade, synthetic suede. Its unique mono-layer structure contains bundles of ultra microfibres, as fine as 0.001 to 0.2 denier, which are densely bundled and entwined. This structure is the key behind the material's exceptionally soft and supple texture, which rivals that of natural suede.

Sold per Metre.

Code	Colour	Width
OA2510	Dark Blue	1370mm
OA2512	Black	1370mm

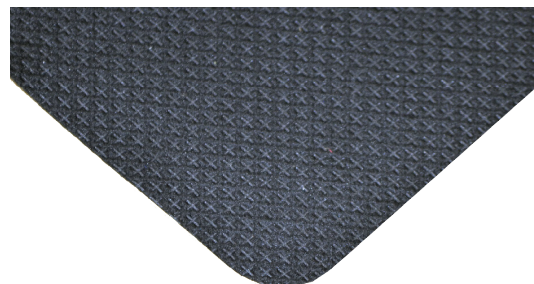


Cambrelle®

Cambrelle is an incredibly hard-wearing, yet comfortable, breathable, and cool to wear cover. It is also amazingly absorbent, which makes it ideal for orthotic coverings and shoe manufacture.

Sold per Metre.

Code	Type	Width
OA5027	Adhesive Backed	1000mm



Ironman Rubber Covering

An incredibly thin material at only 0.9mm thickness that provides abrasion resistance for shoes, leather goods, gloves, shoulder straps, seating, and clothing.

The smooth side of this material makes adhesion quick and easy. The abraded side of Ironman creates friction against the chosen surface to prevent slipping. Often used on the underside of orthoses to prevent them from moving when placed within the shoe.

Sold per Metre.

Code	Colour
OB2090	Black



K-Absortex

The most advanced technology applied in the textile industry. The outstanding anti-bacterial and anti-fungal properties of K-Absortex fabric are certified by the University of Barcelona.

Product Benefits:

- Does not degrade due to UV exposure or washing.
- Resistant to odours.
- Pleasant feel against the skin.
- Fast drying.
- Provides high level of protection from bacteria and fungi.

Sold per Metre.

Code	Thickness	Width
OB5138	2mm	1600mm



Coolmax®

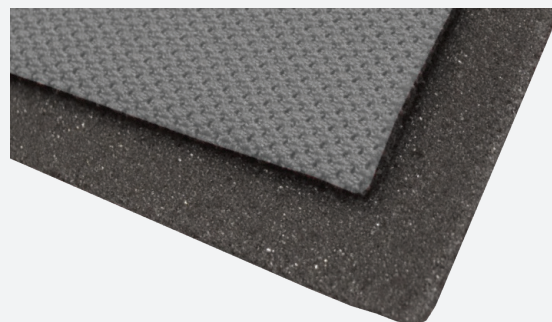
Coolmax fabric is specially engineered to transport perspiration away from the body to the fabric's surface where it can be quickly evaporated to ensure the skin is always dry. This breathable material enhances thermoregulatory effect providing superior comfort for the wearer.

Applications:

- Orthotic linings.
- Foot orthotic top covers.
- Orthopaedic paddings.

Sold per Metre.

Code	Thickness	Width
OB2048	4mm	1600mm



CoolSorb

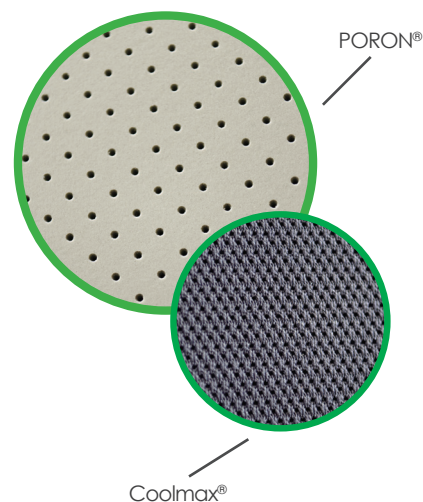
Advanced in-shoe temperature management insoles for cooling and comfort. CoolSorb allow for a cool, moisture free, in-shoe environment, that relieves foot pain, as well as keeping your shoes odour free. CoolSorb combines two of the most advanced material technologies available: PORON and Coolmax.

Product Features & Benefits:

- Cooling.
- Cushioning and comfortable.
- Draws moisture away from the foot.
- Breathable.
- Anti-fungal.
- Anti-microbial.
- Anti-bacterial.

Sold per Metre.

Code	Thickness	Width
PA2450	6.5mm	1370mm



Orthabrelle

Introducing Orthabrelle with Orthaban, a performance covering material with resilience, moisture management and deodorising capabilities which make it the ultimate solution for orthotic and footwear manufacturing.

Orthaban

Orthaban is a microbiostatic, anti-microbial agent that inhibits the growth of microorganisms, such as odour causing bacteria and mould producing fungi.

Applications:

- Insole linings.
- Orthotic linings.
- Footwear linings.

Product Features & Benefits:

- High air permeability and high water permeability for cool, dry feet.
- Infusing of Orthaban provides anti-bacterial, anti-mould and anti-static properties.
- No colour fading under light, washing or abrasion.
- Conforms to SATRA test standards.
- Non-woven web melted point by point.
- High strength, abrasion resistant and flexibility.
- Comfortable and durable.
- Eliminates bacteria.
- High seam strength - non fraying (long product life).

Sold per Metre.

Code	Type	Width
OA5044	No Adhesive	1520mm
OA5056	Adhesive Backed	1520mm



Orthaban is microbiostatic, anti-microbial agent that inhibits the growth of microorganisms, such as odour causing bacteria and fungi.

Dry Best® Ashanti

Dry Best Ashanti is a high-tech 4-layer covering material. The top layer remains soft and cool against the skin whilst the bottom layer pulls down and holds foot perspiration.

Applications:

- Orthopaedic linings.
- Top cover orthotics.

Product Features:

- Anti-microbial.
- Encourages natural perspiration.
- Great tear resistance and strength.
- Stretchable.

Sold per Metre.

Code	Colour	Width
OA5032	Cinnamon	1470mm
OA5034	Maxi Brown	1470mm



Dry Best® Hyperion

4-layer construction of this material keeps moisture away from skin for dry and comfortable feet.

- Highest moisture absorption, actively and automatically.
- Permanent antibacterial with sanitised moisture holding.
- Odour prohibiting.
- Hydroplus absorbs 40 times its own weight.
- Softer handle.
- Permanent anti-fungus.
- Breathable.

Sold per Metre.

Code	Colour	Width
OA5042	Burgundy	1470mm



Microfibre Lining

High quality, application versatility, durable.

Microfibre Lining is a high-quality, synthetic suede material that boasts a catalogue of orthopaedic applications.

Its resistance to abrasion and tearing makes it the ideal fabric for covering components that need to withstand daily wear.

Ready-to-use on its own or in conjunction with another material, microfibre lining can easily be adopted to suit the needs of the user.

Product Features & Benefits:

- Smooth suede-like finish.
- Cost effective.
- Superb strength and tear resistance.
- Fast and flexible adoption.
- High resistance to abrasion.
- Breathable.
- Environmentally friendly production.

Applications:

- Orthotic top covers/orthotic components - covering material for heel and forefoot pads.

Technical Specifications:

- Yarn count:105d - 300d.
- Finish: Solid disperse dyeing.
- Weight:185gsm.

Sheet Size: 1500mm x 1000mm.



Code	Colour
OB2513	Black



Try with Aortha adhesive spray



Produced in minutes

Musli

Musli offers high quality and application versatility making it an ideal fabric to give any hard surface a soft cushion effect. Musli is ideally suited to envelop areas in order to alleviate pressure.

Musli has a suede-like finish on top and foam backing on the back which allows greater adhesion.

Ready-to-use on it's own or in conjunction with another material, Musli has a catalogue of orthopaedic applications that can be manipulated in order to achieve a desired finish.

Applications:

- Orthotic top covers, orthotic padding - covering material for heel and forefoot pads.
- Orthopaedic linings - AFO interfaces.

Sheet Size: 1570mm x 1000mm.

Product Features & Benefits:

- Smooth suede-like finish.
- Foam backed.
- Cost effective.
- Cushioning.
- Superb strength and tear resistance.
- Permeable.
- Foam backing allows for greater adhesion.
- Application versatility.
- Durable - withstand daily wear.
- Resistance to abrasion.
- Does not retain moisture - breathable.

NEW



Foam backing



Code	Thickness	Colour
OB2050	6mm	Black

Techno Vinyl Stretch

Improve the appearance of your foot orthotics with this PVC top covering material.

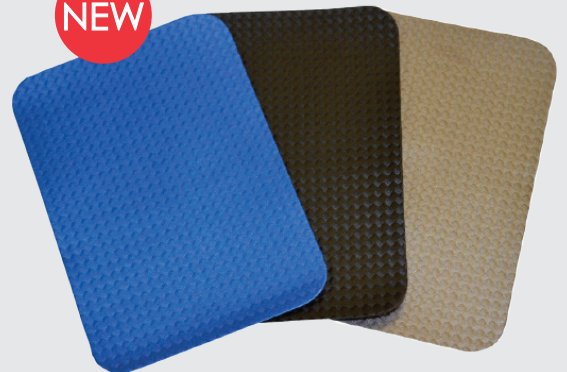
Used as a protective barrier between the patients foot and orthotic, Techno Vinyl Stretch adds comfort and increases the life span of the device.

Product Features & Benefits:

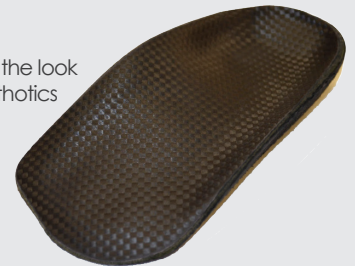
- Two way stretch material, designed for deep heel cups.
- 1mm Thick for total coverage and good abrasion resistance.
- Durable.
- Washable.
- Good stretch properties.
- Resistant to abrasion.

Sold per Metre.

NEW



Enhance the look of foot orthotics



Code	Type	Width
OA5087	Cobalto (Blue)	1430mm
OA5088	Lead (Silver)	1430mm
OA5089	Nero (Black)	1430mm

Aortha® Neoprene

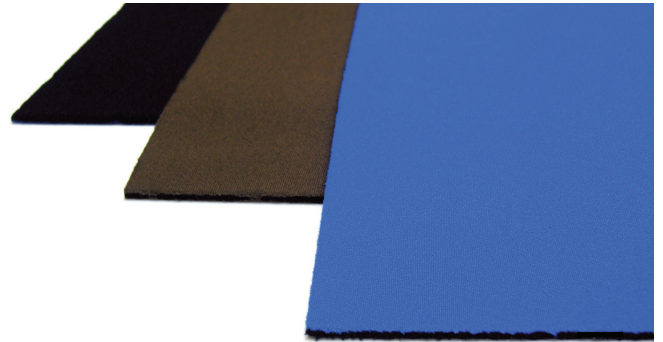
Neoprene is a closed-cell material. Its special mixture of different types of rubber as the base substance and numerous other components provide it with the following unique properties:

- 100% Latex free neoprene.
- 100% Neoprene (CR).
- Excellent insulation properties.
- Good anti-aging properties.
- High tensile strength and impact resilience.
- Resistance to weather and ozone.

Applications:

Bracing, orthotic paddings, orthopaedic linings, orthotic top covers, specialist purpose clothing (wet suits etc).

Sold per Metre.



Neoprene - Standard Sheets

Sheet Size: 1060mm x 1220mm.

Code	Colour	Type/Thickness
OB2357	Black/Black	Double Lined - 3mm
OB2358	Black/Black - Perforated	Double Lined - 3mm
OB2359	Black/Black	Double Lined - 5mm
OB2360	Black/Black - Perforated	Double Lined - 5mm



Perforated Neoprene
between lycra covering

Neoprene - Jumbo Sheets

Sheet Size: 2150mm x 1300mm.

Code	Colour	Type/Thickness
OB2101	Grey/Black	Double Lined - 3mm
OB2109	Beige/Beige	Double Lined - 3mm
OB2113	Black/Black	Double Lined - 3mm
OB2122	Blue/Black	Double Lined - 3mm
OB2123	Brown/Brown	Double Lined - 3mm
OB2124	Navy/Black	Double Lined - 3mm
OB2127	Burgundy/Black	Double Lined - 3mm
OB2106	Beige	Single Lined - 3mm
OB2110	Black	Single Lined - 3mm
OB2114	Navy Blue	Single Lined - 3mm

Aortha® Neosorb

Neosorb is an expanded black neoprene with a nylon stretch cover adhered to one side. The material has excellent cushioning and impact properties and is supersoft to the touch.

Free from any chemical impurities, this hypoallergenic material is latex (natural) rubber, styrene butadiene rubber and ETY free.

The sheeting is shock absorbing, will stretch and offer comfort making it an ideal choice for active patients, and the insulating properties will keep the body temperature constant.

Perforated Neosorb

The material is available with breathable perforation holes and the innovative bamboo top covering, giving you a natural anti-microbial material.

Product Features:

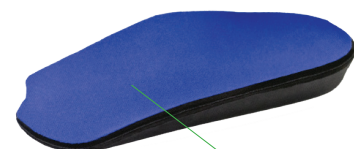
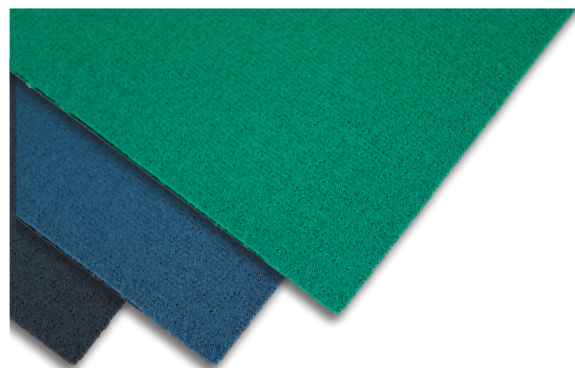
- Open cell - breathable.
- Durable.
- Cushions.
- Shock absorbing.
- Insulating.

Applications:

- Insoles, orthotic paddings, orthopaedic linings, orthotic top covers, specialist purpose clothing such as wet suits etc.

Sheet Size: 1321mm x 1067mm.

Code	Colour	Thickness
OB2361	Black	1.5mm
OB2362	Black	3.0mm
OB2363	Bamboo Perforated	1.5mm
OB2364	Bamboo Perforated	3.0mm
OB2365	Bamboo	1.5mm
OB2367	Bamboo	3.0mm
OB2383	Green Perforated	1.5mm
OB2386	Green Perforated	3.0mm
OB2387	Green	1.5mm
OB2389	Green	3.0mm
OB2391	Blue	1.5mm
OB2393	Blue	3.0mm



Perfect top cover material

Memory v9

Slow release cushioning material made from Nitril PVC rubber.

Code	Sheet Size	Thickness
OB3011	1070mm X 980mm	1.8mm
OB3013	1070mm X 980mm	3.2mm



Thermoformable 3D Fabric

High-tech lining material for orthotic appliances.

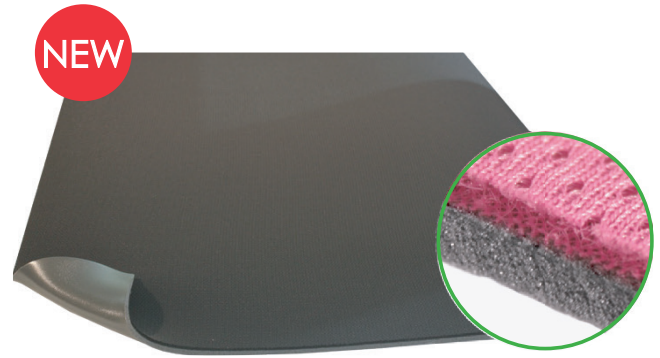
Product Features & Benefits:

- Micro perforations allow the material to breathe and to wick away unwanted moisture.
- Easy to clean, washable at 40°C/104°F.
- Glueless fabric design limits risks of allergy.
- Thermoformable at 170°C/340°F.

Sold per Metre.

Sheet Thickness: 6mm.

Code	Colour	Width
PF4741	Black	1450mm
PF4745	Blue	1450mm
PF4747	Pink	1450mm
PF4749	Grey	1450mm
PF4753	Red	1450mm



Anti-Slip Lining

Particularly suitable for lining orthosis closure bands.

Product Features & Benefits:

- Copolymer material prevents the orthosis closure band from slipping and provides optimal adhesion to the patient.
- Relieves friction spots.
- Easy to clean with water and soap.

Sheet Thickness: 6mm.

Code	Colour	Size
PF4735	Black	300mm x 300mm



Self Adhesive Cloth

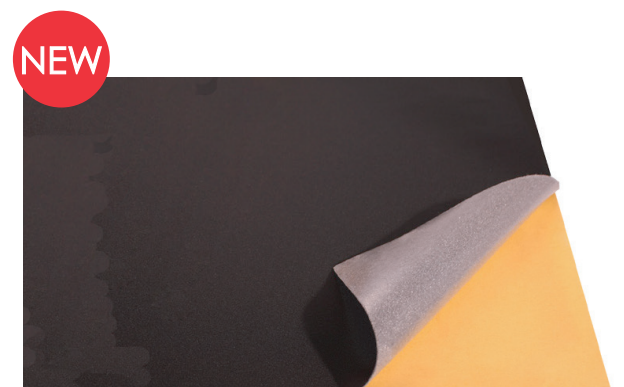
Suede fabric has an adhering side. Recommended for use on inner or outer linings of orthotic devices.

Product Features & Benefits:

- Ideal for inside or outside lining of orthosis.
- Very comfortable and soft to the touch.
- This cloth has a strong bonding capacity.

Sheet Thickness: 1.5mm.

Code	Colour	Size
PF4729	Black	1500mm x 1000mm



Duleur Foam

Super-soft lining/cushioning material with outstanding performance characteristics.

Duleur is a closed cell, PVC-free, slow release cushioning/lining material. Duleur does not absorb moisture and is easily cleaned with soap and water. Its super-soft characteristics make it the ideal material for use as a lining or as a lightweight cushioning component.

Sheet Size: 960mm x 920mm.

Product Features and Benefits:

- Good impact absorption capability.
- Soft against the skin.
- Contouring and breathable.
- Good chemical resistance.
- PVC and Plasticiser Free.
- Thermoformable and easy to work with.
- Outstanding performance characteristics.

Applications:

- Insoles and orthotic linings.
- Orthotic braces and appliance lining – jackets, neck, arm, and knee padding.
- Sports padding.
- Safety lining for helmets.
- Wheelchair cushioning.
- Protective clothing and equipment.



Thickness	A18	A60
3mm	ON1643	ON1663
4mm	ON1654	ON1667
5mm	ON1655	ON1668
6mm	ON1646	ON1666
12mm	ON1652	ON1672

Latex Foam

Latex foam is open-cell, washable and odourless. It is cemented to cloth material to add strength.

Commonly used in commercial insoles because of its low cost, but it does bottom out.

Sheet Size: 1510mm x 1000mm.



Code	Description	Thickness	Colour
OB2032	Latex Foam with Scrim Back	3mm	White

Coutil Cloth

This dense, strong material is used in the manufacture of corsets, i.e. lumbosacral and thoracolumbosacral Orthoses. A mixture of 65% polyester and 35% cotton.

Sold per Metre.



Code	Width	Colour
LA3640	1500mm	Beige/White
TK2026	1500mm	Green

Algeos Leather

Leather is the tanned skin from almost any animal. As a natural hard wearing material it, has numerous orthotic applications including cosmetic linings or as an actual functional orthotic component. Leather can be relatively expensive but, its appearance and versatility make it essential in high-end appliance manufacture. For customers on limited budgets, we also supply a range of cheaper attractive synthetic linings for use as a cosmetic insole lining.

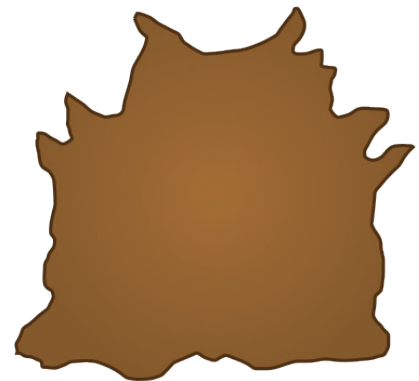
Natural leathers can often vary slightly in colour and grain from one hide to another, or have varying shades through the length of the hide. This in many cases proves that the leather is of a premium quality and is unavoidable. For further advice on leather quality please contact us.

Hide Sizing

- Hides sizes will vary. The measurements given here are based on the mean dimensions.
- All leathers are priced by the square foot unless otherwise stated.

Iron	mm	mm	Iron
4	2.12	2	3.8
5	2.65	2.5	4.8
6	3.18	3	5.7
7	3.70	3.5	6.6
8	4.23	4	7.6
9	4.76	4.5	8.5
10	5.29	5.5	9.4
11	5.82	5.5	10.3
12	6.35	6	11.3
13	6.88	6.5	12.2

Leather	Approximate size of average skin (SqFt)
Pig	15
Skiver	6-10
Orthopaedic	15
Nappa	27
Calf	10



Leather Shoulders

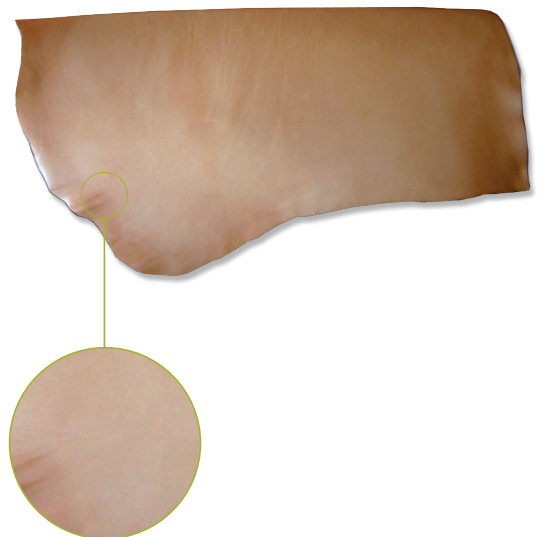
These 'heavy' vegetable tanned leathers are specially tanned and commonly used in surgical footwear for blocking.

Russett Insole Shoulders

IMPROVED

Reddish brown vegetable leather for insoles and soling.

Code	Thickness	Iron
OA1052	1.0mm - 1.5mm	2 - 3
OA1051	1.5mm - 2.0mm	4 - 5
OA1053	2.5mm - 3.0mm	5 - 6
OA1054	3.0mm - 3.5mm	6 - 7



Shoulders Levelled Hard Rolled

IMPROVED

Reinforced shoulder leather that gradually softens with age.

Code	Thickness	Iron
OA1070	1.5mm - 2.0mm	3 - 4
OA1071	2.5mm - 3.0mm	5 - 6
OA1072	3.5mm - 4.0mm	7 - 8

Buffed & Fluffed Shoulder

IMPROVED

Smooth to feel and great looking soling leather.

Code	Thickness	Iron
OA1075	3.5mm - 4.0mm	7 - 8

Bridle Shoulders

Bridle Shoulders - waxed and dressed. Strong, flexible leather with a good uniform thickness. Vegetable tanned and cured.

Code	Thickness	Colour
OA1056	3.0mm - 3.5mm	Black
OA1058	3.0mm - 3.5mm	London Tan
OA1094	2.5mm - 3.0mm	London Tan



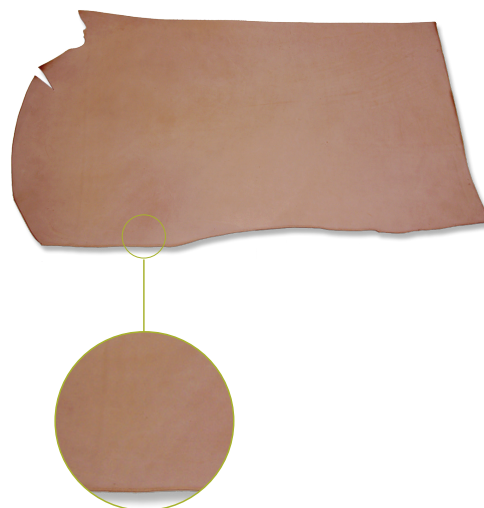
Bends & Bellies

Processed from premium hides, Algeos Bellies and Bends provide superior strength firmness for rigid hard wearing soles. Natural coloured, this leather is ideal for wet forming and general tooling.

Vegetable Tanned Bellies

High quality bellies that tool well and accept dye beautifully.

Code	Thickness	Iron
OA1036	1.0mm - 1.5mm	2 - 3
OA1039	2.0mm - 2.5mm	4 - 5



Masure Bends

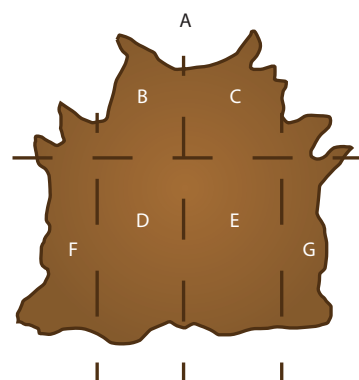
Tanned and finished leather, suitable for high-quality outer soles of footwear.

Code	Thickness	Iron
OA1148	5.5mm - 6.0mm	11

Buffed & Fluffed Bends

Smooth to feel and great looking soling leather. Vegetable Tan.

Code	Thickness	Iron
OA1007	4.5mm - 5.0mm	8.5 - 9.5



Head	A
Shoulder	B + C
Bend	D or E
Belly	F or G
Side	A + B + D + F
Back	B + D or C + E
Croupon	D or E

Croupions

Tanned and finished Croupon.

Code	Thickness	Iron
OA1064	3.5mm - 4.0mm	6 - 7
OA1066	4.0mm - 4.5mm	7 - 8

For units of sale and sizing information, please refer to accompanying price list.

Oak Bark

Oak Bark is lightweight, extremely hard wearing, tough, as well as flexible, making a comfortable sole of outstanding solidity, standing out through its appealing surface and a warm woody colour.

Oak Bark Bellies

Code	Thickness	Iron
OA1330	3.0mm	2 - 3
OA1335	4.0mm	4 - 5

Oak Bark Blocking Shoulders (Hard-Rolled)

Code	Thickness	Iron
OA1374	2.5mm	3 - 4
OA1371	3.5mm	5 - 7

Oak Bark Bends

Code	Thickness	Iron
OA1303	2.5mm - 3.0mm	4 - 6
OA1306	3.0mm - 3.5mm	6 - 7
OA1304	5.0mm - 6.0mm	10 - 12

Box Calf Shins - Half Cow

IMPROVED

Full chrome tanned calf leather with an ultra smooth finish. Preferred material for high quality shoe uppers.

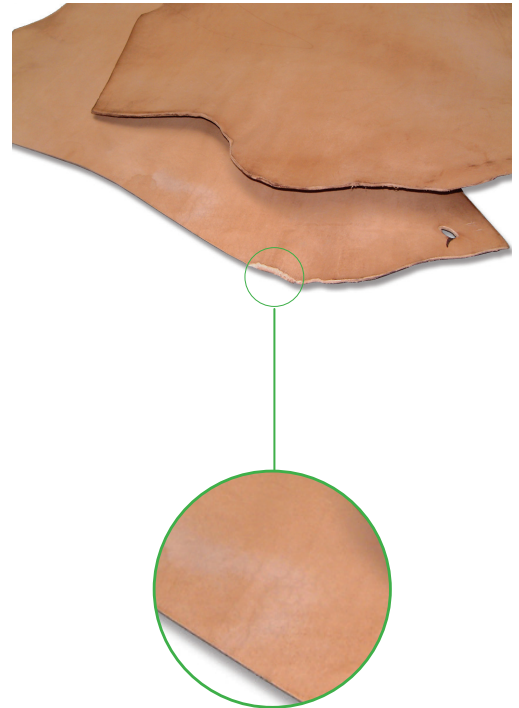
Code	Thickness	Colour
OA3030	0.8mm - 1.0mm	Black
OA3000	1.0mm - 1.1mm	Black
OA3031	1.0mm - 1.1mm	Brown
OA3032	1.0mm - 1.1mm	Navy Blue
OA3034	1.0mm - 1.1mm	Burgundy
OA3035	1.0mm - 1.1mm	Beige
OA3036	1.0mm - 1.1mm	White

Gasmeter Skin

A luxurious and durable skin suitable for high quality shoes.

Sold per SqFt.

Code	Thickness	Colour
OA5035	0.5mm - 0.7mm	Rust

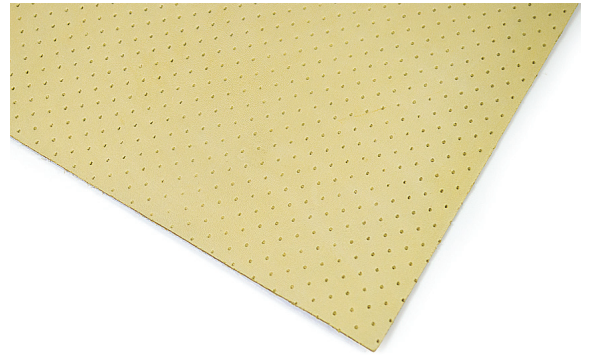


Vegetable Tanned Calf Linings

Algeos' natural Tanned Linings are tanned using tannin (hence the name tanning) and other ingredients found in tree bark. These skins are treated a number of times over a period of up to 2 months in order for the water molecules to be fully extracted.

Sold in Units of 12 SqFt.

Code	Type	Thickness
OA5238	Natural Calf	1.1mm
OA5239	Natural Calf	0.7mm
OA5240	Natural Calf	1.3mm
OA5241	Natural Calf	1.5mm
OA5230	Calf - Perforated	1.1mm

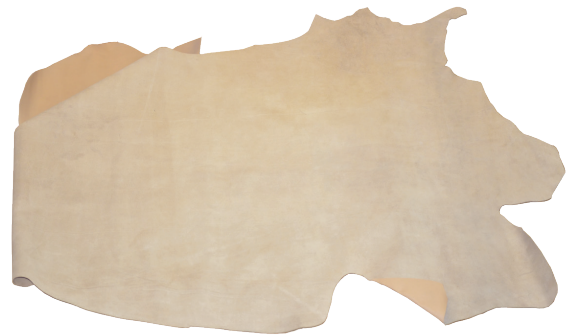


Full Chrome Calf Lining Sides

Algeos Full Chrome linings are processed using chrome which does the same job as tannin but is a chemical agent and can be done a lot faster. Chrome leather is generally thinner and softer than vegetable tanned leather and are less susceptible to stains.

Sold per SqFt.

Code	Colour	Thickness
OA5215	Beige	0.8mm-1mm

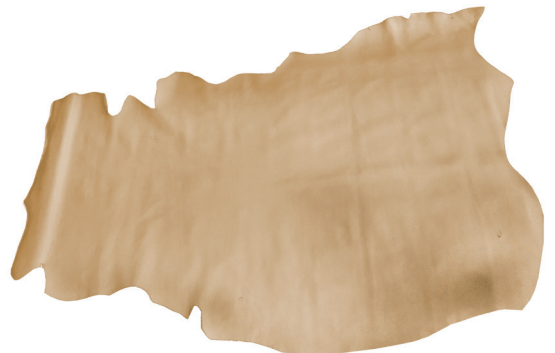


Calf Linings

Chrome tanned calfskin, with a smooth surface. Preferred material for insoles.

Sold per SqFt.

Code	Thickness	Type
OA5212	1.0mm - 1.2mm	Tinted
OA5230	1.0mm - 1.2mm	Perforated



Doe Skin

Doe skin is non-irritating to the skin and very hard wearing. Suitable for lining of belts, prostheses and corsages.

Sold per SqFt.

Code	Thickness	Colour
OA5036	0.5mm - 0.7mm	Light Beige

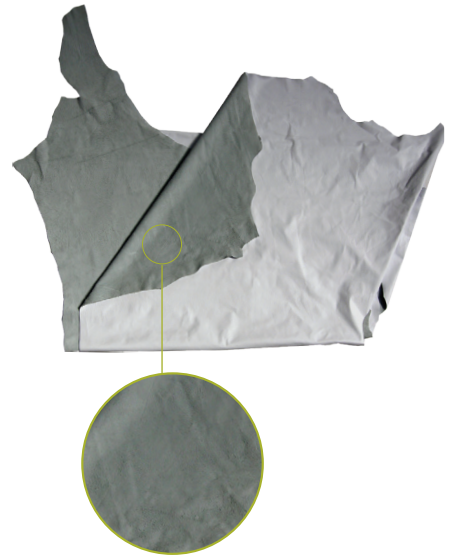


Nappa Cow Softee

IMPROVED

Nappa Cow leathers are extremely soft and supple. Commonly used as an orthotic top cover due to its excellent moisture wicking properties.

Code	Thickness	Colour
OA4130	0.8mm - 1.0mm	Black
OA4131	0.8mm - 1.0mm	Dark Brown
OA4133	0.8mm - 1.0mm	Red
OA4135	0.8mm - 1.0mm	White
OA4136	0.8mm - 1.0mm	Navy Blue
OA4137	0.8mm - 1.0mm	Pink



Nappa Sheep

IMPROVED

Known for its softness and durability, Nappa Sheep provides shoes and appliances with a high quality look and finish.

Code	Thickness	Colour
OA5000	0.6mm - 0.8mm	Black
OA5015	0.6mm - 0.8mm	Navy Blue
OA5016	0.6mm - 0.8mm	Dark Brown



Orthopaedic Side

IMPROVED

Orthopaedic Side is a thin and stretchy cow side commonly used in appliance manufacture due to its stretchability. The natural grain of Orthopaedic Side also provides natural breathability.

Code	Colour
OA4900	Beige/Cream
OA4901	Dark Beige/Oatmeal
OA4902	Beige/Peach
OA4903	Dark Beige/Peach
OA4904	Black
OA4905	Pearl Cow White
OA4906	Light Brown
OA4910	Yellow



Sheepskins

Sheepskins have been used for years in the relief of pain in pressure points, when patients need to stay for some time in one position.

Code	Colour	Thickness
OA5154	Shearling White	3/8"
OA5156	Shearling Black	3/8"
OA5158	Shearling Brown	3/8"



Pig Suede

Pig Suede has a silky touch and is instantly recognisable thanks to the perforations caused by the pig's follicles.

Code	Thickness	Colour
OA2010	0.5mm - 0.7mm	Black
OA2012	0.5mm - 0.7mm	Red



Pig Lining - Grainside

Code	Thickness	Colour
OA2000	0.7mm - 1.0mm	Beige

Goat & Kid Skivers

A thin, soft leather split from the outside of a goatskin. Goat Skivers are soft but strong. The ideal cover for shoes and appliance linings.

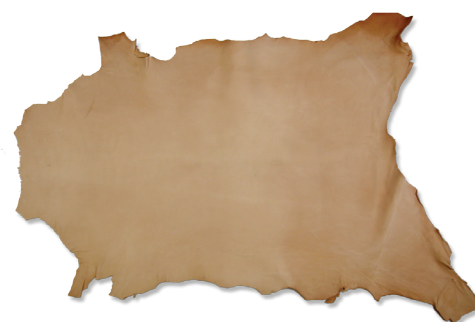
Code	Colour	Finish
OA2100	Tan	Smooth
OA2101	Beige	Smooth
OA2102	Beige	Perforated
OA2103	Grey	Smooth
OA2104	Grey	Perforated
OA2105	Beige	Smooth - Heavy
OA2108	Beige/Antelope	Smooth
OA2109	Light Beige	Perforated
OA2112	Black	Smooth



Blue Lamb

Sheep leathers are known for their physical properties like tear resistance and stain resistance. Sheep leathers are very soft, but very tough and long lasting.

Code	Colour	Finish
OA5030	Blue	Chrome Lamb



Chamois Leather

High quality, ultra-soft Chamois that is resilient and long lasting. Chamois is also extremely absorbent which makes it ideal for shoe linings.

Code	Colour	Finish
OA5181	Beige	Trimmed



Chrome Cow Leather

More supple and pliable than vegetable-tanned leather and does not discolour or lose shape as drastically in water as vegetable-tanned. Soft and supple to the touch. Chrome Cow Leather has a high degree of thermal resistance.

Code	Thickness	Finish/Colour
OA4170	1.6mm - 1.8mm	Chrome Black
OA4172	1.6mm - 1.8mm	Chrome Medium Brown
OA4178	1.6mm - 1.8mm	Chrome London Tan
	1.2mm - 1.4mm	Chrome Cordovan
OA5237	1.0mm - 1.2mm	Chrome (Pearl) Suede



Rubetta Calf Shoe Leather

IMPROVED

Offers fine grain, suppleness and exceptional durability. A versatile leather that can be used for virtually every type of shoe.

Code	Thickness	Colour
OA3101	1.2mm - 1.4mm	Black
OA3105	1.2mm - 1.4mm	Light Blue
OA3107	1.2mm - 1.4mm	White
OA3109	1.2mm - 1.4mm	Burgundy
OA3110	1.2mm - 1.4mm	Cardinal Red
OA3113	1.2mm - 1.4mm	Beige
OA3117	1.2mm - 1.4mm	Medium Brown
OA3118	1.2mm - 1.4mm	Dark Brown



Cape Cow Leather

This Cape Cow leather is well finished and has a good range of movement that allows it to be used in many different types of orthopaedic applications. The smooth finish guarantees great looking top covers without sacrificing quality.

Code	Thickness	Colour
OA4101	0.8mm - 1.0mm	Black



Imitation Alfa Pigskin

This cheaper alternative to real pigskin reduces friction and moisture within the shoe, keeping the foot cool, dry, and comfortable.

Sold per Metre.

Code	Colour	Width
OA5053	Black	1400mm



Yampi Synthetic Leather

Algeos' Synthetic Leather has a look and feel similar to genuine leather, but at a lower price. The material has foam brushed backing for greater adhesion and a smooth consistent finish.

Sold per Metre.

Code	Colour	Width
OA5002	Black	1400mm
OA5007	Red	1400mm
OA5005	Beige	1400mm
OA5004	White	1400mm
OA5008	Blue	1400mm



Synthetic Sheepskin

Helps to increase comfort and reduce pressure to sensitive areas of the body. Ideal for lining splints, AFOs, body jackets and shoes. Also has fantastic thermal properties.

Sold per Metre.

Code	Type	Width
OB2038	White Fleece	1500mm



Silver Lead Refills

Used for marking leather. Fits most retractable ballpoint pens.

Sold individually.

Code	Description
LA1409	Single Refill



Aortha® PPC

Aortha PPC (Copolymer Polypropylene) plastic has excellent physical characteristics, particularly for applications where impact strength and heat resistance is important.

The ability of Aortha PPC to yield pressure and torque, yet consistently return to its form without fatiguing, will eliminate distortion.

Aortha PPC (contains up to 15% polyethylene) produces solid orthoses. Very popular as it is economically priced, this material is used for practically all orthotic applications.

Typical thermoforming temperatures: 180-200°C.

Product Features & Benefits:

- Lightweight.
- Excellent rigidity.
- Excellent impact resistance.
- Various colour options.

Applications:

- AFOs - ankle foot orthosis.
- KAFOs - knee ankle foot orthosis.
- RGOs reciprocating gait orthosis.
- AK (above knee) sockets.
- Body jackets.

PPC Sheets

Thickness/Sheet Size	2440mm x 1220mm	1220mm x 1220mm	813mm x 406mm	Colour
2.0mm	TA0002	TA0002A	TA0002B	Natural
3.0mm	TA0003	TA0003A	TA0003B	Natural
3.5mm	TA0009	TA0009A	TA0009B	Natural
4.5mm	TA0004	TA0004A	TA0004B	Natural
6.0mm	TA0006	TA0006A	TA0006B	Natural
9.0mm	TA0007	TA0007A	TA0007B	Natural
12.0mm	TA0008	TA0008A	TA0008B	Natural

PPC Prosthetic Squares

Code	Size	Thickness	Colour
TA3109	305mm x 305mm	9mm	Natural
TA3112	305mm x 305mm	12mm	Natural
TA3119	343mm x 343mm	9mm	Natural
TA3122	343mm x 343mm	12mm	Natural
TA3129	406mm x 406mm	9mm	Natural
TA3132	406mm x 406mm	12mm	Natural
TA3139	508mm x 508mm	9mm	Natural
TA3142	508mm x 508mm	12mm	Natural



Aortha® Colours PPC

Typical thermoforming temperatures: 180-200°C.

Black PPC Sheets

Code	Size	Thickness	Colour
TA0201	2440mm x 1220mm	2.0mm	Black
TA0203	2440mm x 1220mm	3.0mm	Black
TA0204	2440mm x 1220mm	4.5mm	Black
TA0206	2440mm x 1220mm	6.0mm	Black
TA0209	2440mm x 1220mm	9.0mm	Black
TA0212	2440mm x 1220mm	12.0mm	Black
TA0215	2440mm x 1220mm	15.0mm	Black



PPC has the ability to constantly flex without any effect to the material's form

White PPC Sheets

Code	Size	Thickness	Colour
TA0222	2440mm x 1220mm	2.0mm	White
TA0223	2440mm x 1220mm	3.0mm	White
TA0224	2440mm x 1220mm	4.5mm	White
TA0226	2440mm x 1220mm	6.0mm	White
TA0229	2440mm x 1220mm	9.0mm	White
TA0232	2440mm x 1220mm	12.0mm	White
TA0235	2440mm x 1220mm	15.0mm	White

Aortha® PPC Orthotic Blanks

Pre-cut blanks for speedy foot orthotic production.

Ready-to-use, orthotic blanks cut from Aortha PPC (Copolymer Polypropylene) in a variety of colours for a quick, high-quality custom foot orthotic.

Aortha PPC has excellent physical characteristics, particularly for applications where impact strength and heat resistance is important. The ability of polypropylene to yield pressure and torque, yet consistently return to its form without fatiguing, will eliminate distortion and ensure a resilient final appliance.

Typical thermoforming temperatures: 180-200°C.

Product Features:

- Lightweight with good rigidity.
- Good impact resistance.
- Produces robust orthoses.
- 3 Colours to suit your requirements.
- High performance PPC.
- Economically priced.
- Formulated for high resistance to cracking, impact and general fatigue.

Product Benefits:

- Improved efficiency and time saving solution.
- Space saving - easy to store.
- Cost effective - no need to order huge sheets.
- Reduced wastage - less excess just thrown away.

Sold in Packs of 10 Pairs.

NEW



Code	Size	Colour	Thickness
TA2800	102mm x 203mm	Natural	3mm
TA2801	102mm x 203mm	Black	3mm
TA2802	102mm x 203mm	White	3mm
TA2803	127mm x 229mm	Natural	3mm
TA2807	127mm x 229mm	Black	3mm
TA2805	127mm x 229mm	White	3mm
TA2804	280mm x 152mm	Natural	3mm
TA2808	280mm x 152mm	Black	3mm
TA2806	280mm x 152mm	White	3mm

Aortha® Dynamic

Aortha Dynamic sheets are made of transparent thermoplastic copolyester.

Offering high impact strength, Dynamic can be rapidly thermoformed at low energy consumption and can withstand extreme degrees of stretching.

Owing to the excellent flow and mould surface reproduction, Dynamic sheeting can be thermoformed at low temperatures requiring little energy for producing applications.

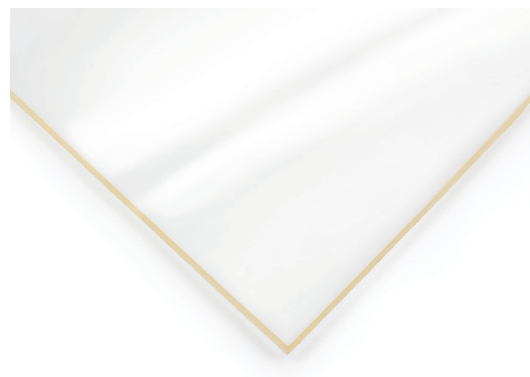
Typical thermoforming temperatures: 60-80°C.

Product Features:

- Excellent thermoformability.
- Excellent impact strength.
- High breakage resistance.
- Easy to fabricate, form and bond.

Applications:

- Prostheses.
- Specialist equipment.



Transparent Dynamic Sheets

Code	Size	Thickness	Colour
TA0372	2500mm x 1250mm	2mm	Transparent
TA0373	2500mm x 1250mm	3mm	Transparent
TA0375	2500mm x 1250mm	5mm	Transparent
TA0376	2500mm x 1250mm	6mm	Transparent
TA0379	2500mm x 1250mm	10mm	Transparent
TA0382	2500mm x 1250mm	12mm	Transparent

Transparent Dynamic Prosthetic Squares

Code	Size	Thickness	Colour
TA3230	343mm X 343mm	9mm	Transparent
TA3231	343mm X 343mm	12mm	Transparent
TA3233	406mm x 406mm	3mm	Transparent
TA3234	406mm x 406mm	5mm	Transparent
TA3235	406mm x 406mm	6mm	Transparent
TA3236	406mm x 406mm	9mm	Transparent
TA3237	406mm x 406mm	12mm	Transparent

Aortha® PPH

Aortha PPH is pure Polypropylene (Homopolymer) that gives a higher rigidity in thin applications. Polypropylene offers a high strength-to-weight ratio making it stiffer and stronger than copolymer polypropylene, and is excellent for use in thermoforming.

Aortha PPH can be used to create thinner applications than the Aortha PPC however it is more brittle when stressed.

Typical thermoforming temperatures: 180-200°C.

Product Features & Benefits:

- Lightweight.
- Good rigidity.
- High clarity.
- Good impact resistance.
- Lightweight.
- Tough and flexible.

Applications:

- AFOs - ankle foot orthosis.
- KAFOs - knee ankle foot orthosis.
- AK (above knee) sockets.
- Body jackets.



Natural PPH Sheets

Code	Size	Thickness	Colour
TA0253	2000mm x 1000mm	2mm	Natural
TA0250	2000mm x 1000mm	3mm	Natural
TA0251	2000mm x 1000mm	4mm	Natural
TA0252	2000mm x 1000mm	5mm	Natural
TA0256	2000mm x 1000mm	6mm	Natural
TA0358	2000mm x 1000mm	8mm	Natural
TA0360	2000mm x 1000mm	10mm	Natural
TA0362	2000mm x 1000mm	12mm	Natural
TA0365	2000mm x 1000mm	15mm	Natural

Natural PPH Prosthetic Squares

Code	Size	Thickness	Colour
TA3201	343mm x 343 mm	12mm	Natural
TA3202	343mm x 343 mm	15mm	Natural
TA3203	406mm x 406 mm	12mm	Natural
TA3204	406mm x 406 mm	15mm	Natural
TA3205	508mm x 508mm	12mm	Natural
TA3206	508mm x 508mm	15mm	Natural

HP for CAD-CAM

Homopolymer Polypropylene (HP) is a pure polypropylene that offers a high strength-to-weight ratio.

The ability of polypropylene to yield pressure and torque, yet consistently return to its form without fatiguing, has eliminated distortion in many orthoses.

HP will produce excellent and solid orthoses and remains rigid, even in thin applications, and the rigidity of the material makes it ideal for heavier patients.

Used as a base in the manufacture of CAD-CAM foot orthoses, polypropylene offers control and is extremely long lasting.

Product Features:

- Provides stability and control.
- Slim fitting and comfortable.
- Easy to clean.
- Durable.
- Lightweight.



Code	Size	Thickness	Colour
TA0500	609mm x 304mm	25mm	White
TA0501	609mm x 304mm	30mm	White
TA0503	609mm x 304mm	40mm	White
TA0512	395mm x 295mm	30mm	White
TA0529	500mm x 250mm	30mm	White
TA0509	250mm x 250mm	25mm	White
TA0521	400mm x 250mm	40mm	White
TA0510	500mm x 500mm	40mm	White
TA0525	500mm x 500mm	40mm	White
TA0564	400mm x 300mm	30mm	Black
TA0528	500mm x 250mm	30mm	Black
TA0517	609mm x 304mm	30mm	Black
TA0563	396mm x 248mm	30mm	Black
TA0520	400mm x 250mm	40mm	Black
TA0524	500mm x 250mm	40mm	Black
TA0566	395mm x 295mm	40mm	Black
TA0567	500mm x 500mm	40mm	Black
TA0568	500mm x 500mm	40mm	Black
TA0574	396mm x 248mm	40mm	Black
TA0577	440mm x 295mm	40mm	Black
TA0556	396mm x 248mm	30mm	Natural
TA0516	500mm x 250mm	40mm	Natural
TA0552	440mm x 295mm	40mm	Natural
TA0553	500mm x 400mm	40mm	Natural
TA0558	396mm x 248mm	40mm	Natural

Aortha® PE500 - PE1000

Aortha PE is a lightweight high density polyethylene with little to no memory. It is usually coupled with reinforcement to keep its moulded contour. The thickness required is selected by patient's weight or prescription instructions.

The Aortha PE provides tough rigid results when applied, providing a much firmer finish making the material ideal for larger/heavier patients.

Thermoforming temperature:

- PE500: 185°C
- PE1000: 195°C
- 3 minutes per mm thickness.

Product Features & Benefits:

- Press moulded.
- Very good impact strength.
- Good flexural strength.
- Produces strong and rigid orthoses.

Applications:

- AFOs - ankle foot orthosis.
- KAFOs - knee ankle foot orthosis.
- FFOs - functional foot orthosis.
- Body jackets.

IMPROVED



Natural PE500 Sheets

Code	Size	Thickness	Colour
TA0662	1930mm x 930mm	2mm	Natural
TA0663	1930mm x 930mm	3mm	Natural
TA0664	1930mm x 930mm	4mm	Natural
TA0665	1930mm x 930mm	5mm	Natural
TA0666	1930mm x 930mm	6mm	Natural

Beige PE500 Sheets

Code	Size	Thickness	Colour
TA0652	2000mm x 1000mm	2mm	Beige
TA0653	2000mm x 1000mm	3mm	Beige
TA0654	2000mm x 1000mm	4mm	Beige
TA0655	2000mm x 1000mm	5mm	Beige
TA0656	2000mm x 1000mm	6mm	Beige

Beige PE1000 Sheets

Code	Size	Thickness	Colour
TA0682	1930mm x 930mm	2mm	Beige
TA0165	1930mm x 930mm	3mm	Beige
TA0166	1930mm x 930mm	4mm	Beige
TA0167	1930mm x 930mm	5mm	Beige
TA0168	1930mm x 930mm	6mm	Beige

Aortha® LDPE

Aortha LDPE is a versatile low density polyethylene that can be sawed, cut, die cut or pinched. The main characteristic is its flexibility, making it ideal for applications where movement has to be considered.

It can be shaped by drape, frame injection, vacuum and pressure moulding techniques.

Typical thermoforming temperatures: 130-150°C.

Product Features & Benefits:

- Flexibility.
- Good impact strength.
- Very low shrinkage.
- Soft to the touch.
- Exceptional stress crack resistance properties.

Applications:

- Body jackets.
- Wrist splints.
- Spinal orthoses.
- Neck braces.
- AFOs - ankle foot orthosis.
- AK/BK (above knee & below knee) liner sockets.



Natural LDPE Sheets

Code	Size	Thickness	Colour
TA0701	2000mm x 1000mm	1.5mm	Natural
TA0702	2000mm x 1000mm	2.0mm	Natural
TA0703	2000mm x 1000mm	3.0mm	Natural
TA0704	2000mm x 1000mm	4.0mm	Natural
TA0705	2000mm x 1000mm	5.0mm	Natural
TA0706	2000mm x 1000mm	6.0mm	Natural

Natural LDPE Prosthetic Squares

Code	Size	Thickness	Colour
TA3211	305mm x 305mm	6mm	Natural
TA3212	305mm x 305mm	9mm	Natural
TA3213	343mm x 343mm	6mm	Natural
TA3214	343mm x 343mm	9mm	Natural
TA3215	406mm x 406mm	6mm	Natural
TA3216	406mm x 406mm	9mm	Natural

Aortha® Drape - **Stiff** Transparent Squares

The Aortha Drape range consists of four materials in different stiffness/softness that are suitable for the production of prosthetic stump sockets. The technician will choose the most suitable material for the application.

Product Features:

- Styrene based.
- Clear.
- High stiffness.
- High impact resistance.
- High fatigue resistance.
- Activation temperature: 170°C.

Applications:

- Transparent rigid check sockets.



Code	Size	Thickness	Colour
TA3250	343mm x 343mm	8mm	Transparent
TA3251	343mm x 343mm	10mm	Transparent
TA3252	343mm x 343mm	12mm	Transparent
TA3253	343mm x 343mm	15mm	Transparent
TA3256	400mm x 400mm	8mm	Transparent
TA3257	400mm x 400mm	10mm	Transparent
TA3258	400mm x 400mm	12mm	Transparent
TA3259	400mm x 400mm	15mm	Transparent

Aortha® Drape **X-Soft** Semi-Transparent Squares

Product Features:

- EVA Based.
- Very flexible.
- Excellent semi-transparency.
- Superb forming properties.
- Activation temperature: 150°C.

Applications:

- Highly flexible prosthetic.



Code	Size	Thickness	Colour
TA3276	343mm x 343mm	9mm	Semi-Transparent
TA3277	343mm x 343mm	12mm	Semi-Transparent
TA3280	343mm x 343mm	9mm	Semi-Transparent
TA3281	400mm x 400mm	12mm	Semi-Transparent

Aortha® Drape X-Soft Silicone Squares

Product Features:

- EVA based with silicone additive.
- Opaque in colour.
- Very flexible.
- Superb forming properties.
- Activation temperature: 150°C.
- Highly flexible with very smooth touch for prosthetic sockets.



Code	Size	Thickness	Colour
TA3286	343mm x 343mm	9mm	Opaque
TA3287	343mm x 343mm	12mm	Opaque
TA3291	400mm x 400mm	9mm	Opaque
TA3292	400mm x 400mm	12mm	Opaque

Aortha® Drape X-Soft Stealth

High gloss black thermoplastic that will give an aesthetically pleasing cosmetic appearance, particularly when used with our Carbon Braid material as a laminated outer shell.

Product Features:

- EVA based.
- Very flexible.
- Superb forming properties.
- Low shrinkage.

Applications:

- Highly flexible with very smooth touch for prosthetic sockets.



Code	Size	Thickness	Colour
TA3316	400mm x 400mm	8mm	Black
TA3317	400mm x 400mm	10mm	Black
TA3318	400mm x 400mm	12mm	Black
TA3319	400mm x 400mm	15mm	Black
TA3321	400mm x 400mm	8mm	Transparent
TA3322	400mm x 400mm	10mm	Transparent
TA3323	400mm x 400mm	12mm	Transparent
TA3324	400mm x 400mm	15mm	Transparent

Aortha® Drape AntiBac

Reduces socket discolouration and prevents odours.

Microbial growth is inhibited by the addition of special additives to EVA thermoplastic mix. Microbe cell walls that come in contact with Drape AntiBac are destroyed on contact without creating opportunities for adaptive or resistant strains to form.

Product Features:

- EVA based.
- Antibacterial and antimicrobial.
- High surface quality.
- High flexibility.
- Excellent thermoforming properties.
- A good skin compatibility.
- Effective reduction of slight discolouration and odours.

Indications for Use:

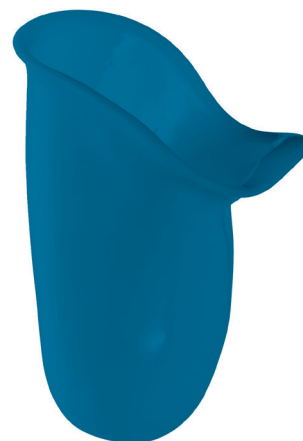
Recommended temperature range: 130 -150 °C.
Pay special attention to the cooling process to avoid shrinkage.

Applications:

- Flexible sockets.
- Shoes.
- Flexible closures.

Code	Size	Thickness	Colour
TA3296	400mm x 400mm	10mm	Blue
TA3297	400mm x 400mm	12mm	Blue
TA3298	400mm x 400mm	15mm	Blue

NEW



Sheeting Stand - 800mm x 600mm

5 Section sheet holder, ideal for keeping a tidy and well organised workshop.

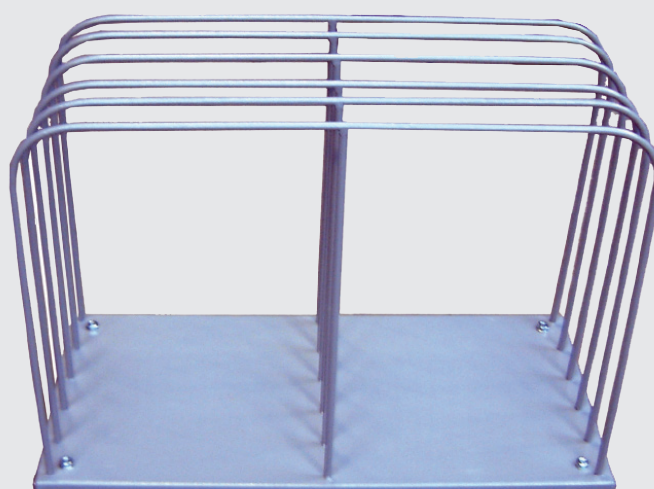
- Wheels for easy manoeuvring and portability.
- Sturdy but light design.

Code

LA2446



Workshop
Efficiency Solution



Aortha® Flex

Aortha Flex is a transparent material made from a mixture of 24% EVA and 76% LDPE. Due to the EVA content, the material is very flexible.

Aortha Flex has excellent tear resistance and can be stitched or riveted.

Typical thermoforming temperatures: 150°C.

Product Features:

- Transparent.
- Very flexible.
- No shrinkage.
- Good workability and flexibility.

Applications:

- Body jackets.
- Wrist splints.
- Spinal orthoses.
- Neck Braces.
- AFOs - ankle foot orthosis.
- AK/BK (above knee & below knee) liner sockets.



Natural Flex Sheets

Code	Size	Thickness	Colour
TA0723	2000mm x 1000mm	3mm	Natural
TA0724	2000mm x 1000mm	4mm	Natural
TA0725	2000mm x 1000mm	5mm	Natural

Natural Flex Prosthetic Squares

Code	Size	Thickness	Colour
TA3224	343mm x 343mm	10mm	Natural
TA3225	343mm x 343mm	12mm	Natural
TA3226	343mm x 343mm	15mm	Natural
TA3221	400mm x 400mm	10mm	Natural
TA3222	400mm x 400mm	12mm	Natural
TA3223	400mm x 400mm	15mm	Natural

Aortha® Transfer Papers

IMPROVED



Butterflies
OB2523



Butterflies Spring
OB8044



Butterflies Purple
OB8031



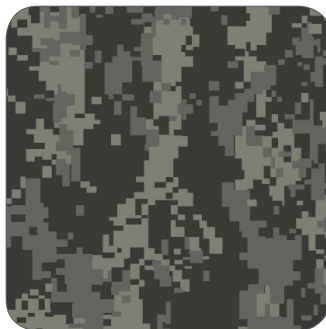
Ladybird
OB8235



Ladybird & Co. (Pink)
OB8236



Jungle Animals
OB2524



Camouflage (Original)
OB2525



Camouflage (Military)
OB8257



Camouflage (Pink)
OB8043



Footballs (Red)
OB2532



Footballs (Blue)
OB2533



Footballs (Red/White)
OB8046



Tattoo (Back/White)
OB8254

Aortha Orthotic Transfer Papers from Algeos are most commonly used to create a colourful and creative finish to orthotic appliances.

The papers will transfer to most thermoplastic materials. The heating process will intensify the pattern of your paper giving you a deep and lasting colour. This quick and easy method of colouring will keep the surface homogeneous and resistant to scuffing, and the lively designs make them ideal for paediatric appliances.

Transfer papers are sold per Sheet. Transfer swatch books are available free of charge.



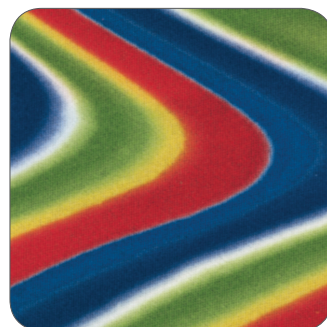
Fly & Drive (Blue)
OB8014



Fly & Drive (White)
OB8256



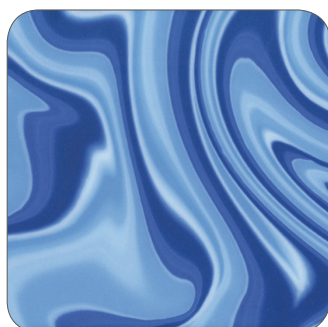
Martians
OB8002



Tornado
OB8013



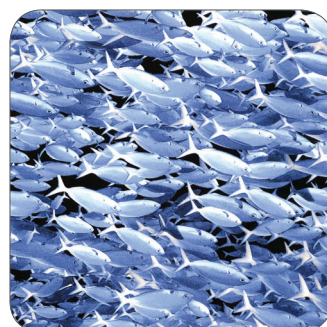
Solar
OB8045



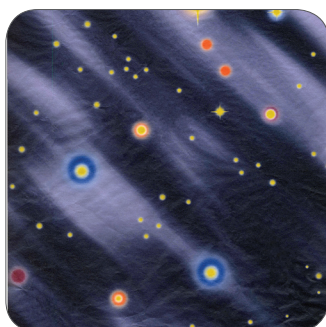
Iceage
OB8039



Raindrops
OB8040



Ocean
OB8019



Dark Sky
OB8016



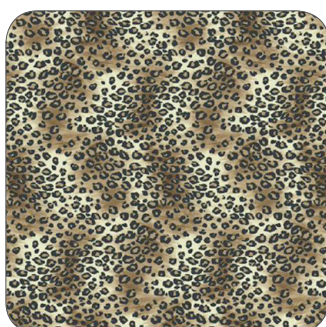
Hearts & Roses
OB8241



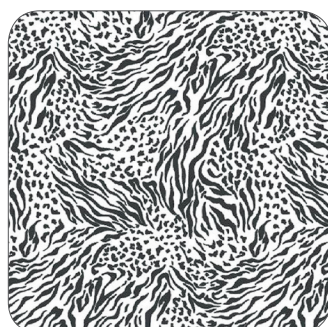
Starlight
OB8237



Sweetheart
OB8048



Leopard
OB8004



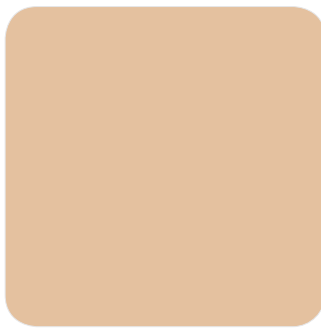
Zebra
OB8244



Snake (Blue)
OB8041



Denim
OB8032


Nude (Dark)
OB8247

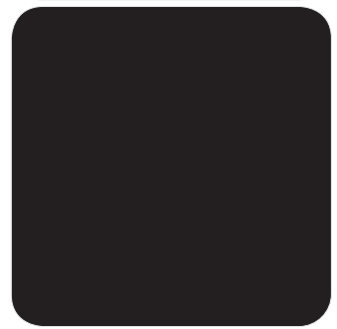
Nude (Light)
OB8248

Carbon Braid
OB8251

Red
OB8017

Pink
OB8259

Blue
OB8005

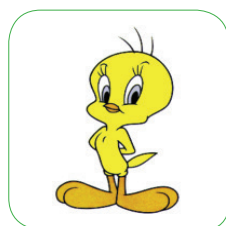
Violet
OB8249

Black
OB8250

Code	Size	Design
OB2523	76cm x 100cm	Butterflies
OB8044	101cm x 152cm	Butterfly (Spring)
OB8031	101cm x 152cm	Butterfly (Purple)
OB8235	101cm x 152cm	Ladybird & Co. (Yellow)
OB8236	101cm x 152cm	Ladybird & Co. (Pink)
OB2524	76cm x 100cm	Jungle Animals
OB2525	76cm x 100cm	Camouflage (Original)
OB8257	101cm x 152cm	Camouflage (Military)
OB8043	101cm x 152cm	Camouflage (Pink)
OB2532	165cm x 100cm	Footballs (Red)
OB2533	165cm x 100cm	Footballs (Blue)
OB8046	101cm x 152cm	Footballs (Red, White & Blue)
OB8254	101cm x 152cm	Tattoo (Black, White & Turq.)
OB8014	101cm x 152cm	Fly & Drive (Blue)
OB8256	101cm x 152cm	Fly & Drive (White)
OB8002	76cm x 100cm	Martians
OB8013	101cm x 152cm	Tomado
OB8045	101cm x 152cm	Solar
OB8039	101cm x 152cm	Iceage

Code	Size	Design
OB8040	101cm x 152cm	Rain Drops
OB8019	101cm x 152cm	Ocean
OB8016	101cm x 152cm	Dark Sky
OB8241	101cm x 152cm	Hearts & Roses
OB8237	101cm x 152cm	Starlight
OB8048	101cm x 152cm	Sweetheart
OB8004	101cm x 152cm	Leopard
OB8244	101cm x 152cm	Zebra
OB8041	101cm x 152cm	Snake (Blue)
OB8032	101cm x 152cm	Denim
OB8247	101cm x 152cm	Nude (Dark)
OB8248	101cm x 152cm	Nude (Light)
OB8251	101cm x 152cm	Carbon Braid
OB8017	101cm x 152cm	Red
OB8259	101cm x 152cm	Pink
OB8005	101cm x 152cm	Blue
OB8249	101cm x 152cm	Violet
OB8250	101cm x 152cm	Black

Aortha® Spot Transfers

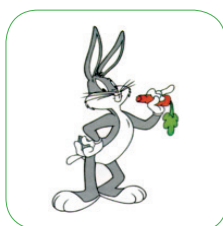
Individual transfers.



Tweety Pie
OB8076



Taz
OB8077



Bugs Bunny
OB8078



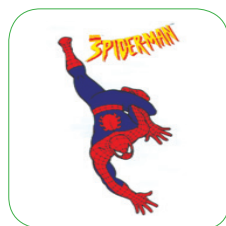
Wile E. Coyote
OB8087



Superman
OB8089



Scooby Doo
OB8090



Spider-Man
OB8091



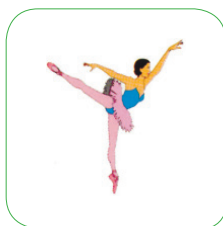
Euro Police Car
OB8286



Butterfly 3
OB8173



Bulldog
OB8170



Ballerina
OB8165



Dolphin
OB8177



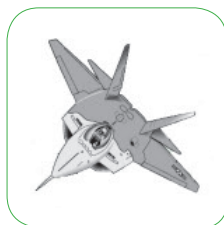
Dragon
OB8178



Dump Truck
OB8179



Apache
OB8163



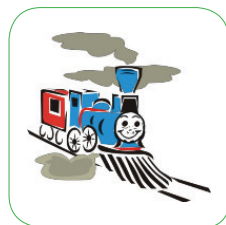
Raptor Jet
OB8182



Fighter Jet
OB8181



Fire Truck
OB8184



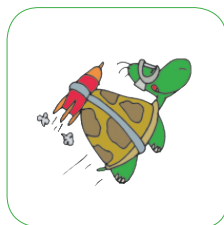
Train
OB8228



Flower
OB8187



T-Rex
OB8229



Turtle
OB8230



Teddy
OB8225

Code	Size	Design
OB8076	20.32cm x 15.24cm	Tweety Pie
OB8077	20.32cm x 15.24cm	Taz
OB8078	20.32cm x 15.24cm	Bugs Bunny
OB8087	20.32cm x 15.24cm	Wile E. Coyote
OB8089	20.32cm x 15.24cm	Superman
OB8090	20.32cm x 15.24cm	Scooby Doo
OB8091	20.32cm x 15.24cm	Spider-Man
OB8286	8.90cm x 8.90cm	Euro Police Car
OB8163	7.62cm x 7.62cm	Apache Chopper
OB8165	7.62cm x 7.62cm	Ballerina
OB8170	7.62cm x 7.62cm	Bulldog
OB8173	7.62cm x 7.62cm	Butterfly 3

Code	Size	Design
OB8177	7.62cm x 7.62cm	Dolphin
OB8178	7.62cm x 7.62cm	Dragon
OB8179	7.62cm x 7.62cm	Dump Truck
OB8181	7.62cm x 7.62cm	Fighter Jet
OB8182	7.62cm x 7.62cm	Raptor Jet
OB8184	7.62cm x 7.62cm	Firetruck
OB8228	7.62cm x 12.7cm	Train
OB8187	7.62cm x 7.62cm	Flower
OB8229	7.62cm x 7.62cm	T-Rex
OB8230	7.62cm x 7.62cm	Turtle
OB8225	7.62cm x 7.62cm	Teddy

XT Composite-Glass Blanks

The XT Composite range of materials are used for moulded 'functional foot orthotics' when full control is required. This rigid material is manufactured from carbon fibre composite and polypropylene, which helps provide you with a strong, lightweight, and rigid orthotic.

Carbon composites offer a superior alternative to the heavy steel sole plates traditionally used in surgical shoe manufacture.

- Carbon composites offer a range of control in 5 thicknesses, each with its own level of flexibility.
- No creep, relaxing or bottoming out.
- Used for deep heel cups needing directional support.
- Can be reheated and remoulded.



Workshop
Efficiency Solution



Ice

Silverdot

Silverdot Pattern

Size/Thickness	Ease-Flex 1.6mm	Semi-Flex 1.8mm	Semi-Rigid 2mm	Rigid 2.4mm	Ultra-Rigid 3mm
89mm x 191mm	-	TA2209	TA2210	TA2211	TA2212
102mm x 203mm	TA2214	TA2215	TA2216	TA2217	TA2218
127mm x 229mm	TA2242	TA2243	TA2244	TA2245	TA2246
914mm x 914mm (Sheet)	-	-	TA2113	TA2107	TA1106

Ice Pattern

Size/Thickness	Ease-Flex 1.6mm	Semi-Flex 1.8mm	Semi-Rigid 2mm	Rigid 2.4mm	Ultra-Rigid 3mm
89mm x 191mm	TA2108	TA2109	TA2110	TA2111	TA2112
102mm x 203mm	TA2114	TA2115	TA2116	TA2117	TA2118
127mm x 229mm	TA2142	TA2143	TA2144	TA2145	TA2146
914mm x 914mm (Sheet)	TA2204	TA2105	TA2102	TA2106	TA2205

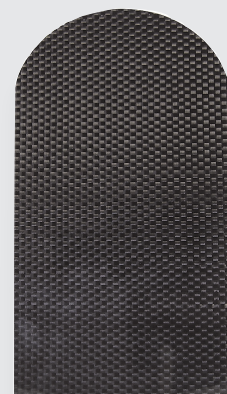
TL-2000 Composite Carbon Blanks

Carbon fibre weave to provide enhanced performance, support, and protection.

Product Features & Benefits:

- Plain weave of 3k carbon fibres.
- The carbon fibre (graphite) provides strength, rigidity, and durability.
- TL-2000 grades differ only in terms of the volume of carbon fibre used and the thickness of the sheet material.
- TL-2000's custom designed weave provides high strength carbon fibre in the longitudinal direction of an orthotic.

Size/Thickness	Semi-Flex 1.8mm	Semi-Rigid 2.3mm	Rigid 2.8mm
76mm x 178mm	TA1928	-	-
89mm x 191mm	TA1930	TA1920	TA1910
102mm x 203mm	TA1932	TA1922	TA1912
102mm x 216mm	TA1934	TA1924	TA1914
127mm x 229mm	TA1936	TA1926	TA1916
914mm x 1219mm (Sheet)	-	-	TA1944



TL Silver Glass Fibre Blanks

Glass fibre provides strength, rigidity, and durability. It facilitates a strong and lightweight composite.

- Specific acrylic resin used to impregnate the glass fibre, fill the centre core and protect the outer surface.
- Excellent orthosis comfort, functional biomechanical control, excellent formability for deep heel cup.

Code	Size	Thickness
TA1974	102mm x 203mm	2.2mm
TA1976	102mm x 216mm	2.2mm
TA1978	127mm x 229mm	2.2mm



Xstal Alexandra AFO Boomerangs

Mouldable high-strength composite stiffener inserts to be incorporated into an AFO.

Code	Size	Thickness
TA1166	Small	1.9mm
TA1167	Medium	1.9mm
TA1168	Large	1.9mm



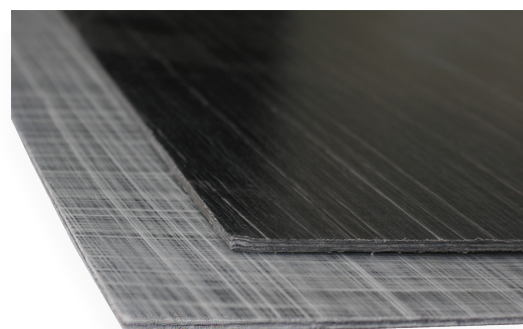
Xstal Reinforcement Panels

Parts and devices made from thermoplastic sheets, such as polypropylene, are reinforced in strategic locations by thermobonding the Xstal panel to the polypropylene part during the vacuum forming process.

- Graphite and glass fibres for maximum reinforcement.
- Polypropylene matrix, to heat weld to polypropylene and copolymer materials.
- Barrier film for safety and comfort.
- Easily machined and finished.

Xstal Alexandra - thin and light grey panel.

Xstal Maxwell - light and rigid black panel for strong reinforcement.



Code	Description	Sheet Size	Thickness	Colour
TA1004	Alexandra	305mm x 305mm	1.9mm	Grey
TA1002	Alexandra	914mm x 914mm	1.9mm	Grey
TA1014	Maxwell	305mm x 305mm	2.3mm	Black
TA1012	Maxwell	914mm x 914mm	2.3mm	Black

NRG Orthotic Plates

NRG Plates use high strength carbon and glass fibres in a tough polyolefin matrix. Used to limit motion for conditions such as Turf Toe or hallux rigidus.

- High resilience - will not lose shape or material properties after continued use in high-loading applications.
- Easy to bond using conventional adhesives.
- Easy to fit and finish.
- Heat adjustable.
- Recommended forming temperature: 210°-250°C.



Turf Toe Contoured Plates

Standard ½" Contour, fits left or right foot.

Length/Thickness	Semi-Flex 1.8mm	Semi-Rigid 2.3mm	Rigid 2.8mm
230mm	TA2020	TA2028	TA2036
260mm	TA2022	TA2030	TA2038
290mm	TA2024	TA2032	TA2040
310mm	TA2026	TA2034	TA2042



Flat Plates

Suitable for flat or low heel shoes.

Length/Thickness	Semi-Flex 1.8mm	Semi-Rigid 2.3mm	Rigid 2.8mm
180mm	TA2044	TA2054	TA2062
210mm	TA2046	TA2056	TA2064
240mm	TA2048	TA2058	TA2066
260mm	TA2050	TA2060	TA2068
290mm	TA2052	TA2062	TA2070



Morton's Toe Extension Plates

Applications:

Turf toe injuries, morton's toe, hallux rigidus and stress fractures.

Type/Thickness	Semi-Rigid 2.3mm	Rigid 2.8mm
Universal	TA2070	TA2076
Left Foot	TA2072	TA2078
Right Foot	TA2074	TA2080



Shannon Composite Plates - 2.3mm

A rigid sole plate insole made from carbon composite and polypropylene layers. Composite sole plates are supplied as full length insoles in 2.3mm thickness, which are die-cut from an unbreakable and light-weight material.

This product is moulded to a cast and then posted or wedged for functional control. Alternatively, when moulded to a surgical shoe it can be used to give rigidity to the sole unit.

The top surface can be prepared before the linings or postings are attached by buffing.

Code	Size	Length
TA1160	Small	230mm
TA1162	Medium	250mm
TA1164	Large	285mm



IGFS Composite Shells

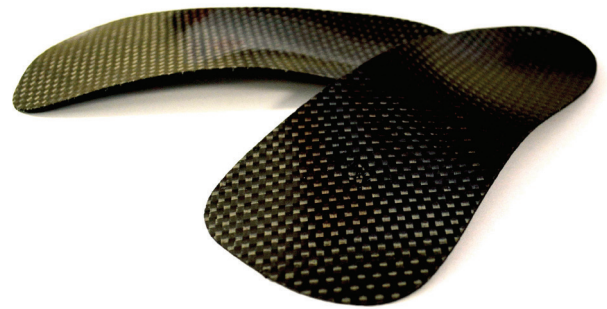
IGFS Composite Shells support the feet with a micro thin insert which fits into most shoes. The IGFS can be used off-the-shelf or can be modified, covered or used as a base shell for a more bespoke and advanced appliance.

Clinically shown to accommodate the widest span of foot types.

Product Features & Benefits:

- 100% Carbon CFRT (Carbon Fibre Reinforced Thermoplastic).
- Graphite is the material of choice for high performance sports equipment due to its high strength, light-weight and super resilient mechanical properties.
- Highly resilient material will maintain its performance over the life of the device.
- Absorbs impact forces on the foot during use.
- Releases energy during forward propulsion in the gait cycle.
- Ultra thin graphite fits into most footwear.
- High strength with negligible weight.

Code	Shoe Size
TA1984	7
TA1986	8
TA1988	9
TA1990	10
TA1992	11
TA1994	12



TFC Carbon Composites

TFC (Thermoformable Composite) is a versatile thermoformable carbon composite material. TFC combines the high localised strength of carbon composite with the modeling properties of thermoplastics.

Available in unidirectional and bidirectional, the carbon fibres are interwoven with a revolutionary thermoplastic fibre that allows the material to be heated and formed at lower temperatures.

This thermoplastic material also acts as a high-strength matrix for active performance and flexibility. TFC can be simply custom formed to your mould with a heat gun or by placing the material into an oven.

Your custom lay-up is then placed in an oven under vacuum at a maximum of 221°C for 30-45 minutes to consolidate the lay-up into one piece for an individual orthotic or prosthetic solution. TFC is also fully heat remouldable, and allows adjustable fitting just like thermoplastics.



Unidirectional Sheets

Unidirectional is maximum strength in one direction. Good for uprights, insoles and general appliance strengthening.

Unidirectional - Carbon fibre

Use for rigid insoles and uprights.

Code	Sheet Size	Thickness
TA2612	1000mm x 600mm	1.6mm



Unidirectional - Carbon & Glassfibre

Use for bars and other rigid parts.

Code	Sheet Size	Thickness
TA2614	1000mm x 600mm	2.5mm

3D Form (Bidirectional) Sheets

The same strength in 0° and 90° directions. Good for difficult shapes like the heel.

3D Form - Glassfibre

Good for opening flaps and flexible toe-off parts.

Code	Sheet Size	Thickness
TA2621	1000mm x 600mm	0.75mm
TA2624	1000mm x 600mm	1.50mm



3D Form - Glass & Carbonfibre

Use for rigid foot plates and arch supports.

Code	Sheet Size	Thickness
TA2627	1000mm x 600mm	1.50mm
TA2632	1000mm x 600mm	0.75mm

TFC Insole Blanks

Glassfibre Flexible Insole

1.5mm Thickness. Best for shaping double curved, for example the heel.

Code	Shoe Size EU	Shoe Size UK
TA2661	35 - 37	1 - 3
TA2663	38 - 40	4 - 6
TA2665	41 - 43	7 - 10



Carbon & Glassfibre Rigid Insole

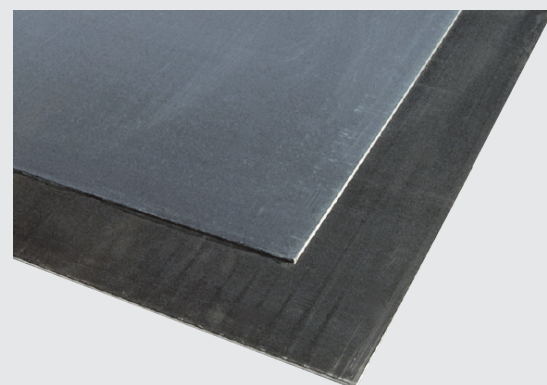
2.5mm Thickness. Best if used as a rolling insole for diabetic patients. Made for shaping single curves and is harder to shape around the heel.

Code	Shoe Size EU	Shoe Size UK
TA2671	35 - 37	1 - 3
TA2673	38 - 40	4 - 6
TA2675	41 - 43	7 - 10
TA2677	44 - 46	11 - 13

Duraluminium Sheet

Premium quality materials for orthotic appliances.

Code	Thickness	Sheet Size
LA5092	1.0mm	1000mm x 500mm
LA5094	1.5mm	1000mm x 500mm
LA5096	2.0mm	1000mm x 500mm
LA5098	3.0mm	1000mm x 500mm



Aluminium Sheet

Premium quality materials for orthotic appliances.

One side plastic coated.

Code	Thickness	Sheet Size
LA5082	1.0mm	1000mm x 500mm
LA5086	2.0mm	1000mm x 500mm

Carbon Fibre AFO

Helps maintain neutral alignment of the foot. Full carbon fibre used throughout the orthotic making the device thinner, lighter, and stronger.

Comfortably contours the leg for a low profile fit. Brace fits under the shoe insert to give padded structure.

Product Features & Benefits:

- Lateral strut spirals to the front, providing support for patients who pronate.
- One-piece design with "Y" front trim line provides relief to the tibial tuberosity area.
- Flexible calf strap accommodates a wide range of leg sizes.
- Structurally reinforced in high stress areas.

Size	Left Foot	Right Foot
XXX-Small	RM0271	RM0270
XX-Small	RM0273	RM0272
X-Small	RM0275	RM0274
Small	RM0277	RM0276
Medium	RM0279	RM0278
Large	RM0281	RM0280

Size guide

Size	Footplate Length	Height
XXX-Small	7 ³ / ₈ "	13"
XX-Small	8 ³ / ₈ "	14"
X-Small	9"	14 ¹ / ₂ "
Small	10"	16"
Medium	11 ³ / ₈ "	16 ¹ / ₂ "
Large	12 ¹ / ₄ "	17"



Aflex AFO Ankle Joints

Polyurethane flexure ankle joints for the manufacture of orthoses.

Product Features & Benefits:

- Everything you need in the pack – no need to purchase separate dummies at additional cost.
- Lightweight and cosmetically appealing.
- Cost effective, high-quality alternative to other AFO joint solutions.
- Easy install thanks to self-alignment feature.
- Reinforced and Dorsi kits includes a Kevlar fibre braid that makes the joint resistant to torsion and pulling.
- Resilient and long last design for high quality appliance manufacture.
- Easy to install and select the correct kit for your requirements.



Aflex Reinforced Straight Joints

- Recommended for walking AFOs.
- Prevent plantar flexion of the dropped or spastic foot.
- Limit varus/valgus motions.
- Put up light resistance to dorsiflexion motions.
- Excellent resistance to torsion and traction thanks to a Kevlar reinforcement.
- Long-lasting, tested in hard conditions.

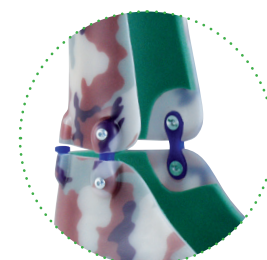
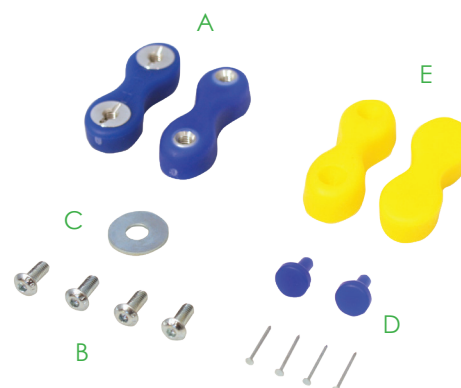
Shore A90

Kit contains:

- A - 2 joints with built-in nuts.
- B - 4 stainless steel screws.
- C - 1 retaining nut.
- D - 2 posterior stops.
- E - 2 molding dummies with 4 nails.

Sold per Pair.

Code	Description	Length x Width	Thickness
SF1115	Adult	44mm x 14mm	9mm
SF1116	Child	40mm x 14mm	9mm



Aflex Reinforced Dorsi Joints

- Recommended for walking AFO with dorsi flexion assist.
- At rest, the orthosis puts itself in slight dorsiflexion.
- During swing phase, the joints' natural elasticity forces dorsiflexion and liberates more space for dropped foot step completion.
- Reinforced by a Kevlar fibre braid.
- Long-lasting, tested in hard conditions.

Kit contains:

- A - 2 joints with built-in nuts.
- B - 4 stainless steel screws.
- C - 1 retaining washer.
- D - 2 posterior stops.
- E - 2 molding dummies with 4 nails.

Sold per Pair.

Code	Product	Length x Width	Hardness
SF5410	Child	40mm x 14mm	A90
SF5412	Adult	44mm x 16mm	A90
SF5414	Child	40mm x 14mm	A80
SF5416	Adult	44mm x 16mm	A80
SF5418	Child	40mm x 14mm	A70
SF5420	Adult	44mm x 16mm	A70



Aflex Flexible Joints

Lightweight and sturdy polyurethane ankle joints for night wear.

The Aflex joints are suitable for making children, teenagers and adults thermoformed boots as part of the treatment of neurological muscular, or traumatic pathologies affecting foot levator muscles.

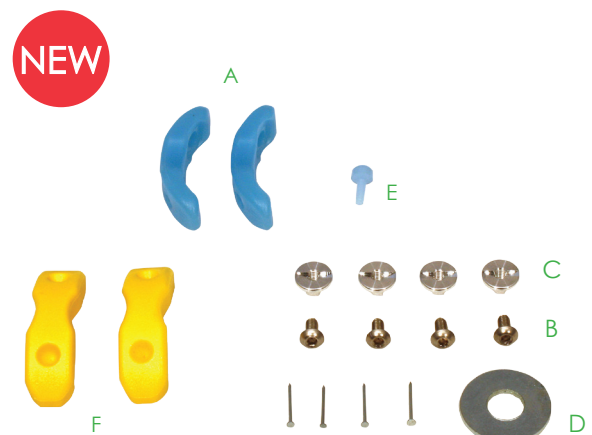
- Flexible and lightweight, the Aflex ankle joints increase patient's comfort.
- Easy to apply.
- Recommended for night time wear orthoses.
- Flexible, ankle joints improve the comfort of the patients with severe spasticity.
- Better orthoses tolerance thanks to ankle mobility.

Kit contains:

- A - 2 joints.
- B - 4 stainless steel screws.
- C - 4 split nuts.
- D - 1 retaining washer.
- E - 1 posterior stop.
- F - 2 molding dummies with 4 nails.

Sold per Pair.

Code	Product	Length x Width	Thickness
SF1112	Adult	49.0mm x 14.0mm	14.2mm
SF1113	Child	42.0mm x 11.7mm	11.5mm
SF1114	Pediatric	34.0mm x 11.6mm	6.5mm



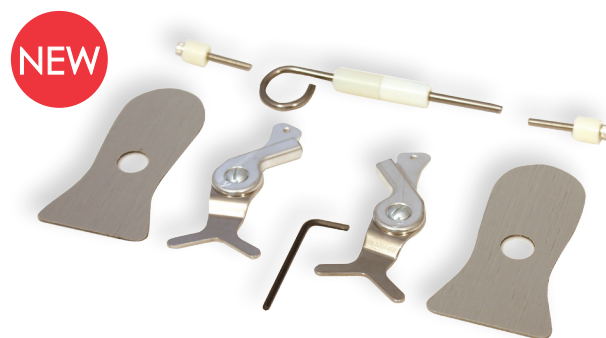
Dorsiflex Joint Kit

- Joint with a Dorsiflexion assist spring. Strength of the spring is adjustable.
- The rest position is equal to 20° of flexion.

Kit contains:

- 2 Light alloy joints.
- 2 Polycar-C inserts.
- 1 Alignment tool to include in the positive cast.

Code	Size
PF2213	One Size



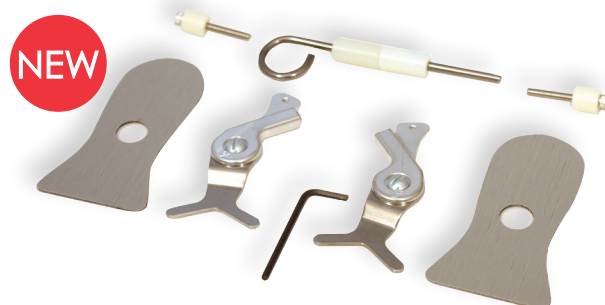
PDC Joint Kit

- Joint allowing the plantarflexion/dorsiflexion control.
- Amplitudes are adjustable by screw (up to 40° in flexion and 40° in extension).

Kit contains:

- 2 Light alloy joints.
- 2 Polycar-C inserts.
- 1 Alignment tool to include in the positive cast.

Code	Size
PF2215	One Size - 40°F or 40°E



Stainless Steel Stirrups Uprights



PF2265



PF2267



PF2269

Code	Description	Compatible Joint
PF2265	Free joint stirrup upright	PF2229 PF2231 PF2243 PF2245
PF2267	Single action joint stirrup upright	PF2233 PF2235 PF2237 PF2247 PF2249 PF2251
PF2269	Double action joint stirrup upright	PF2239 PF2241 PF2253 PF2255

Technical Specifications:

Length: 150mm.

Upright Section: 22mm x 3mm.

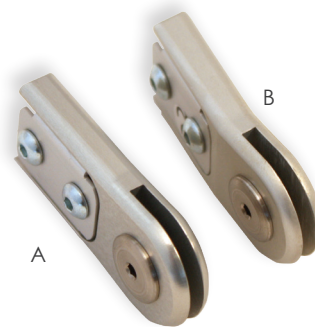
Hole Diameter: 8mm.

Weight: 125g.

Sold per Pair.


PF2243

PF2229

PF2231

PF2231

Free Motion Ankle Joint

Can be used with carbon or aluminum uprights, to be screwed and glued with the necessary adhesive.

NEW

- Made of light alloy.
- Resistant design.
- The PF2229 and PF2231 pairs of joints come with a spacer allowing you to use either 16mm x 4mm or 18mm x 5mm uprights.

Straight Lateral Joint: A.

Curved Medial Joint: B.

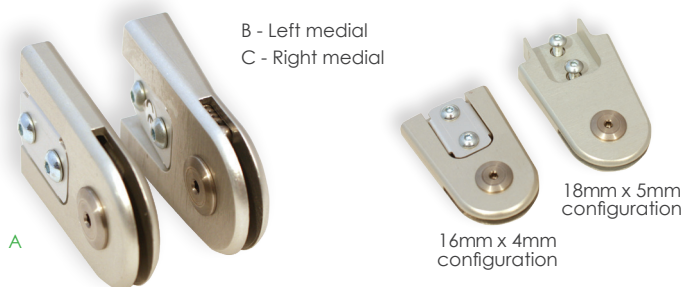
Code	Kit Includes	Upright Section	Recommended Upright	Compatible Stirrup
PF2229	A x 2	16mm x 4mm or 18mm x 5mm	PF2575 - Carbon, 16mm x 4mm PF2585 - Carbon, 16mm x 4mm PF2589 - Aluminum, 16mm x 4mm PF2593 - Carbon, 18mm x 5mm PF2603 - Carbon, 18mm x 5mm PF2607 - Aluminum, 18mm x 5mm	PF2265 See page 457.
PF2231	A + B			
PF2243	A x 2	22mm x 6mm	PF2611 - Carbon, 22mm x 6mm PF2621 - Carbon, 22mm x 6mm PF2625 - Aluminum, 22mm x 6mm	
PF2245	A + B			

Single Action With Adjustable Spring

- Made of light alloy.
- Adjustable assist strength.
- The PF2233, PF2235 and PF2237 pairs of joints come with a spacer allowing you to use either 16mm x 4mm or 18mm x 5mm uprights.

Straight Lateral Joint: A.

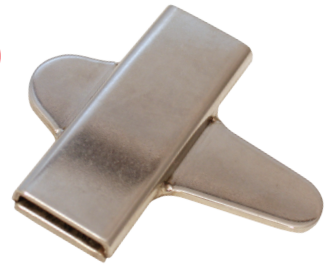
Curved Medial Joint: B or C.



Code	Leg	Kit Includes	Upright Section	Recommended Upright	Compatible Stirrup
PF2233	Left & Right	A + A	16mm x 4mm or 18mm x 5mm	PF2575 - Carbon, 16mm x 4mm PF2585 - Carbon, 16 x 4mm PF2589 - Aluminium, 16mm x 4mm PF2593 - Carbon, 18mm x 5mm PF2603 - Carbon, 18mm x 5mm PF2607 - Aluminum, 18mm x 5mm	PF2267 See page 457.
PF2235	Left	A + B			
PF2237	Right	A + C			
PF2247	Left & Right	A + A	22mm x 6mm	PF2611 - Carbon, 22mm x 6mm PF2621 - Carbon, 22mm x 6mm PF2625 - Aluminum, 22mm x 6mm	
PF2249	Left	A + B			
PF2251	Right	A + C			

Stainless Steel Caliper Plate

Stainless steel caliper plate to be used with PF2265, PF2267 and PF2269 Stirrup Uprights for better lateral stability.



PF2271

Code	Side	Width	Compatible Upright	Weight	Sales Unit
PF2271	Right	75mm	22mm x 3mm	90g	Each
PF2273	Left				

Klenzack Ankle Joint For Foot Lift With Adjustable Pressure Spring

Aluminum anti-equines joint with dorsiflexion assist.

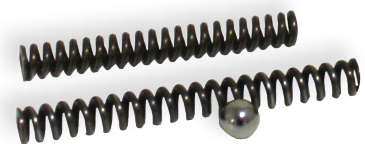


Code	Upright length	Stirrup Length	Upright Section	Stirrup	Diameter	Sales unit
PF2187	430mm	90mm	13.5mm x 5.4mm	15.7mm x 3.2mm	27mm	Pair
PF2189	430mm	140mm	13.5mm x 5.5mm	22.2mm x 3.3mm	36mm	

Klenzack Repair Kit

Code	Upright Length
PF5125	Spring for PF2187 Ball for PF2187 and PF2189
PF5127	Spring for PF2189 Ball for PF2187 and PF2189

PF5125



PF5127

Foot Plate For Klenzack

Code	Side	Width	Length	Sales Unit	Compatible Joint
PF2191	Right	90mm	102mm	Each	PF2187
PF2193	Left				
PF2195	Right	95mm	102mm	Each	PF2189
PF2197	Left				



PF2195

Steel Half Foot Plate

Half foot plate to be welded on any pipe for spurs.

Code	Width	Length	Thickness	Sales Unit
PF2119	25mm	90mm	2mm	Each
PF2121	35mm	110mm		



PF2121

Steel Tubes For Spurs

Code	Length	Internal Diameter	External Diameter	Sales unit
PF2143	100mm	6mm	9mm	Each
PF2145		8mm	11mm	



PF2143

Steel Tubes for Spurs with Sole Plate

Code	Leg	Length	Internal diameter	Sales unit
PF5133	Right	80mm	6mm	Each
PF5135	Left			
PF2123	Right	90mm	8mm	
PF2125	Left			
PF2127	Right			
PF2131	Left			
PF2129	Right	110mm		
PF2133	Left			



PF2133

Stainless Steel Straight Uprights With Spurs

- Allow the adjunction of anti-slipping device.
- Allow the adjunction of a perstein stop.
- Supplied without a tube.

NEW

PF2137

PF2135

Code	Description	Length	Upright Section	Hole Diameter	Pipe Length	Sales Unit
PF2135	Upright with Spindle	390mm	12mm x 3mm	6mm	95mm	Each
PF2137	Simple Upright + Screw				100mm	
PF2139	Upright with Spindle	450mm	16mm x 3mm	8mm	105mm	
PF2141	Simple upright + Screw				110mm	

Stainless Steel Adjustable Uprights with Spurs

- Allow the adjunction of anti-stepping devices.
- Allow the adjunction of a perstein stop.
- Drilled uprights with 9 M4 tapped holes (10mm spaced out).
- The adjustment holes allow you to make a removable set, or you can follow the patients growth.
- Supplied without a tube.

PF2157

PF2149

Code	Upright Type	Length	Upright Section	Hole Diameter	Sales Unit
PF2147	Straight	90mm	12mm x 3mm	6mm	Each
PF2151	Curved				
PF2149	Straight	120mm	16mm x 3mm	8mm	
PF2157	Curved				

Stainless Steel Reversible Uprights with Articulated Spur

- Good articular mobility.
- Allow easier shoe fitting.
- Drilled uprights with 9M4 tapped holes (10mm spaced out).
- Supplied without a tube.

PF2137

Code	Length	Upright Section	Diameter	Sales Unit
PF2135	120mm	13mm x 3mm	6mm	Each
PF2137			8mm	

Pair Of Free Knee Joints

- Stainless steel free joints.
- To be used with carbon, steel or aluminium uprights.
- Great adaptability to the patient's leg shape - lateral screw on both sides of the upright allow to refine the orthosis alignment (+/-5°).
- Easy disassembly/reassembly in case of replacement.
- Each pair of joints accommodates right or left knee.

NEW

PF2453



Medial

Lateral

Upper and lower casings can be positioned independently in order to match the knee shape (+/- 5°)

Sold per Pair.

Code	Kit Includes	Upright Section	Axis Diameter	Weight
PF2451	Medial Joint Lateral Joint	16mm x 4mm	29mm	210g
PF2453	Medial Joint Lateral Joint	18mm x 5mm	29mm	232g
PF2455	Medial Joint Lateral Joint	22mm x 6mm	32mm	281g
PF2459	Medial Joint Lateral Joint	20mm x 5mm	29mm	266g

Pair Of Drop Lock Knee Joints

Product Features:

- To be used with steel or aluminium uprights
- To be affixed by riveting.

Sold per Pair.



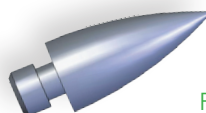
PF2545

Code	Kit includes	Leg	Patient's Size	Upright Section	Joint Diameter	Weight
PF2533	Medial Joint Lateral Joint	Right	Small	16mm x 4mm	23mm	140g
PF2539	Medial Joint Lateral Joint	Left				
PF2545	Medial Joint Lateral Joint	Right	Medium	18mm x 5mm	27mm	210g
PF2551	Medial Joint Lateral Joint	Left				
PF2557	Medial Joint Lateral Joint	Right	Large	20mm x 5mm	29mm	250g
PF2561	Medial Joint Lateral Joint	Left				

Knee Joint Assembly Tool

Special tool that makes knee joint reassembly easier.

Sold individually.



PF5173

Code	Description
PF5173	Knee Joint Assembly Tool

Pair Of Lock Knee Joints

- Joints are fitted with trigger locks that can be used with a hoop and then become hofa locks for one-handed use. In that case, fastening an assist strap is necessary.
- Hoop fastening in the triggers is made by screwing and gluing.
- The system ensures easy hoop assembly and disassembly without welding.
- The stop screw allows you to adjust the lock play.
- To be used with carbon, steel or aluminium uprights.

Sold per pair.

Code	Kit Includes	Upright Section	Axis Diameter	Weight
PF2417	Medial Joint Lateral Joint	16mm x 4mm	29mm	243g
PF2447	Medial Joint Lateral Joint	18mm x 5mm	29mm	266g
PF2449	Medial Joint Lateral Joint	22mm x 6mm	32mm	316g

NEW

PF2447

Medial



Lateral



Upper and lower casings can be positioned independently in order to match the knee shape (+/- 5°)

Code	Diameter	Kit Includes
PF2959	4mm	Hoop + Stop
PF2965	5mm	Hoop + Stop + adaptors



PF2959



PF2965

Associated Products

- Condyle pad.
- Attachment for pads and support small and large.
- Attachment of patella pad to lock knee joint.



PF2967



PF2921



PF2939

Code	Description
PF2967	Condyle Pad
PF2921	Pad Attachment
PF2939	Patella Pad Attachment

Uprights for Screwing and Gluing

Each set of uprights includes 2 leg uprights plus 2 thigh uprights.

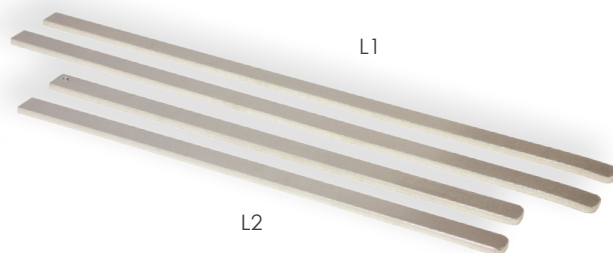
Kit contains:

- 2 Leg Uprights (L1)
- 2 Thigh Uprights (L2)

Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section (Widest End)	Metal
PF2589	480mm	390mm	16mm x 4mm	Aluminium
PF2607			18mm x 5mm	
PF2625	560mm	430mm	22mm x 6mm	
PF2573			20mm x 5mm	
PF2591	480mm	390mm	16mm x 4mm	Stainless steel
PF2609			18mm x 5mm	

NEW

PF2625



Polycentric Double Knee Joints

NEW

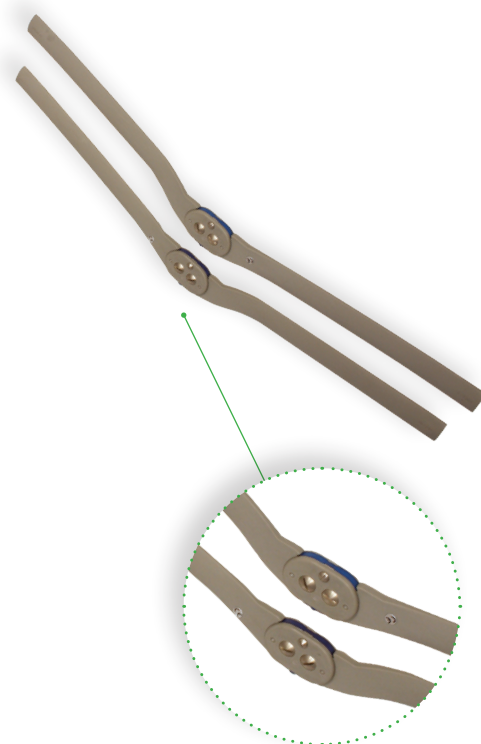
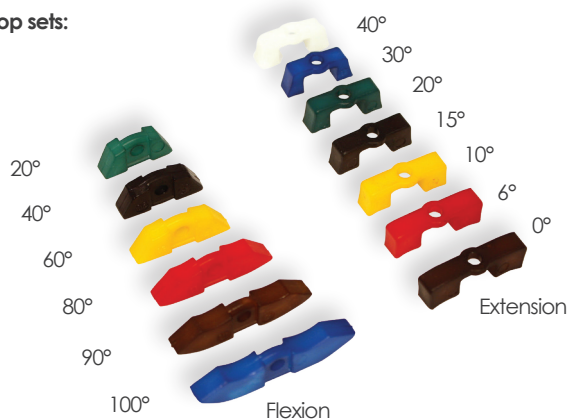
Product Features & Benefits:

- Pairs of joints with thermoformable uprights.
- Complete set of stops which can limit the knee flexion and extension independently and progressively.
- For better comfort, use the condyle pads (PF3373).
- These joints are particularly suitable for post-surgery or rehabilitation use.

Sold per Pair.

Code	Upright Section	Diameter	Weight
PF3375	25mm x 5mm	8mm	225g

Stop sets:



Associated Products

Code	Upright Section
PF3373	Condyle Pad x 2



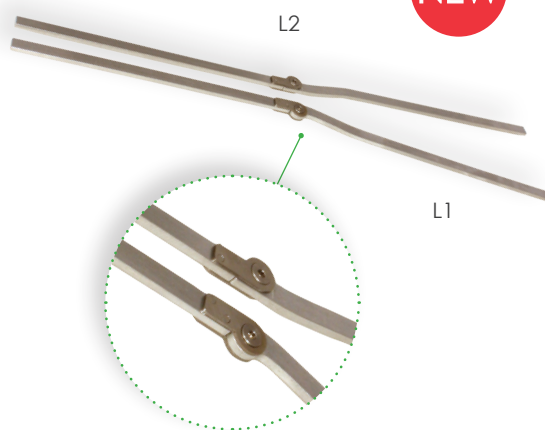
PF3373

Aluminium Free Knee Braces For Child

- Knee joints lengthen and then form one-piece 'leg and thigh' uprights.
- Weight: 285g.

Sold per Pair.

Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Joint Diameter
PF5175	350mm	300mm	13 x 5mm	19mm



Aluminium Free Knee Braces For Adult

Kit contains:

- Pair of aluminium braces.
- 2 Leg uprights (L1)
- 2 Thigh uprights (L2)

Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Joint Diameter	Weight
PF2399	450mm	360mm	18mm x 5mm	26mm	610g
PF2401		400mm	22mm x 5mm	28mm	780g



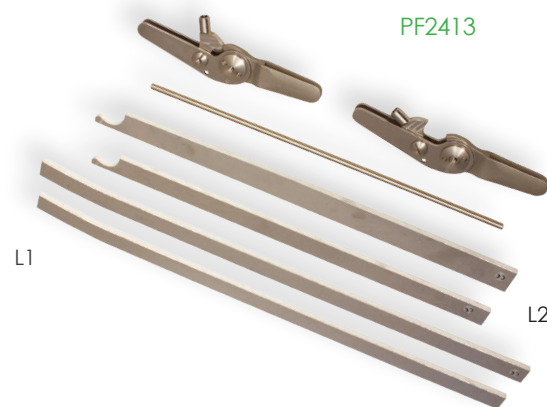
Hoffa Lock Knee Braces

- Pair of aluminium or stainless steel lock knee braces.
- The stainless steel joints lengthen and then form one-piece leg and thigh uprights.
- 2 leg uprights plus 2 thigh uprights.

Kit contains:

- Pair of aluminium braces.
- 2 Leg uprights (L1).
- 2 Thigh uprights (L2).
- Hoop.

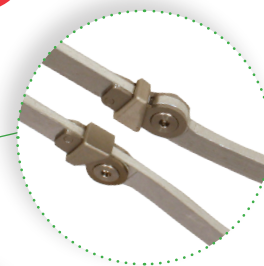
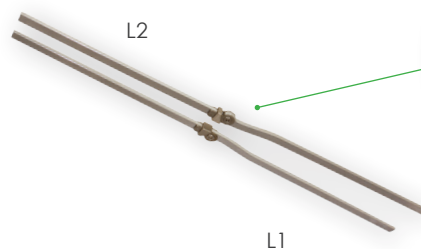
Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Joint Diameter	Material	Weight
PF2407	370mm	350mm	18mm x 5mm	26mm	Stainless steel	680g
PF2409			22mm x 5mm	28mm		830g
PF2411	470mm	420mm	18mm x 5mm	26mm	Aluminium	1810g
PF2413			22mm x 5mm	28mm		2100g



NEW

Drop Lock Knee Braces For Child (Assembled)

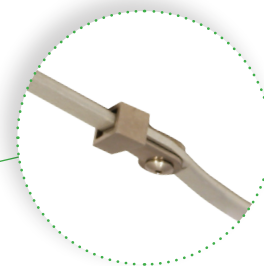
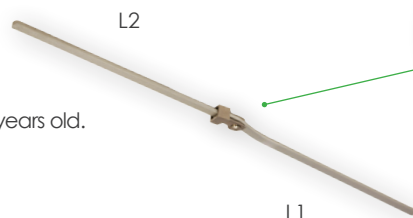
- Clevis joints.
- Pair of aluminium drop lock knee braces.
- Supplied assembled.



Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Joint Diameter	Weight
PF5177	350mm	300mm	13mm x 5mm	19mm	300g

Drop Lock Knee Braces For Child (Kit)

- Clevis joints.
- Pair of drop lock knee braces specially designed for children up to 14 years old.
- Cost efficient.
- Made of lightweight and robust aluminium.
- Self assembly required.



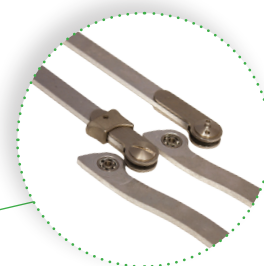
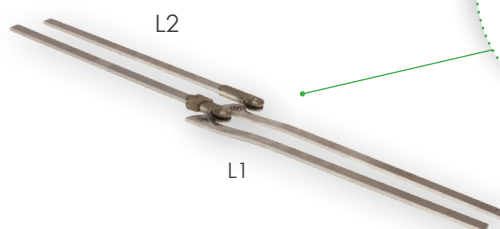
Code	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Joint Diameter	Weight
PF2383	350mm	300mm	12.7mm x 5.0mm	20.4mm	330g

Drop Lock Knee Braces For Adult

- Clevis joints for better resistance.
- Pair of aluminium drop lock knee braces.
- Supplied assembled.

Kit contains:

- 1 Single lateral knee brace (with drop lock).
- 1 Single medial knee brace.


PF2841

Code	Leg	Length of Leg Upright (L1)	Length of Thigh Upright (L2)	Upright Section	Diameter	Weight	Single Lateral Knee Brace (with drop lock)	Single Medial Knee Brace
PF2841	Right	370mm	350mm	18mm x 5mm	26mm	525g	✓	✓
PF2847	Left						✓	✓
PF2853	Right	470mm	420mm	22mm x 6mm	28mm	845g	✓	✓
PF2859	Left						✓	✓

Child Gaffney Hinge Kit - Colt

- Width: 11mm.
- Length: 38mm.
- Designed for the newborn to 1½ years old, weighing between 0-40lbs.
- Made from 12 gauge stainless steel.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails

Code	Description
SF1061	Child Gaffney Hinge Kit - Colt



Child Gaffney Hinge Kit - Pony

- Width: 11mm.
- Length: 51mm.
- Patient weight between 20-75lbs.
- Designed for the small child to avoid distal portion of hinge interference with the control area.
- Help in shoe space problems.
- Made of 12 gauge stainless steel.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails.

Code	Description
SF1062	Child Gaffney Hinge Kit - Pony



Child Gaffney Hinge Kit - Stallion

- Width: 11mm.
- Length: 63.5mm.
- Designed for children up to small adult weighing between 40-75lb for 10 gauge kit. and 75-130lb for the 12 gauge kit.
- Made of 10 gauge or 12 gauge stainless steel.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails.

Code	Description
SF1064	Child Gaffney Hinge Kit - Stallion - 10 Gauge
SF1065	Child Gaffney Hinge Kit - Stallion - 12 Gauge



Adult Gaffney Hinge Kit - Mustang

- Width: 14mm
- Length: 51mm.
- Designed for adolescents and adults weighing between 125-175lbs.
- Short hinge with extra width for more wear surface.
- Made of 10 gauge stainless steel.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails.

Code	Description
SF1066	Adult Gaffney Hinge Kit - Mustang



Adult Gaffney Hinge Kit - Filly

- Width: 11mm
- Length: 63.5mm.
- Designed for teens and adults weighing between 125-175lbs.
- For use when a small distal portion is desired to avoid bone prominence or interference in control area.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails.

Code	Description
SF1067	Adult Gaffney Hinge Kit - Filly



Adult Gaffney Hinge Kit - Clydesdale

- Width: 11mm
- Length: 89mm.
- Designed for adults weighing between 160-220lbs.
- Made of 10 gauge stainless steel.
- **Kit contains:** 2 hinges plus screws, bumpers, and nails.

Code	Description
SF1310	Adult Gaffney Hinge Kit - Clydesdale



Children's Flexor Sets

- Designed for providing dorsiflexion assistance.
- Customer machined stainless steel nuts and screws.
- Straps designed to be put on and removed by hand.
- Designed to be used on both lateral and medial sides.
- **Kit contains:** 4 sets of nuts and screws, and 2 children's flexor straps.

Code	Colour	Durometer
SF1327	White	80
SF1328	Black	80
SF1329	Clear	85
SF1330	White	80
SF1331	Black	80
SF1332	Clear	85



Alignment Tools

Each alignment tool pack has one starter rod and two ends. There are three different sizes.

Code	Tool
SF1315	Alignment Tool for SF1061, SF1062, SF1064 & SF1065
SF1316	Alignment Tool for SF1066 & SF1067
SF1333	Alignment Tool for SF1310



AFO Reinforced Strap Kit

AFO pads complete with an ultrasonically welded strap, hook end reinforced with a plastic washer. Each strap also comes with a metal link and plastic chafe for easy assembly.

Sold per Pack of 5.



Width / Colour	White	Black	Beige
25mm	LA9215	LA9222	LA9218
39mm	LA9216	LA9223	LA9219
51mm	LA9217	LA9224	LA9221



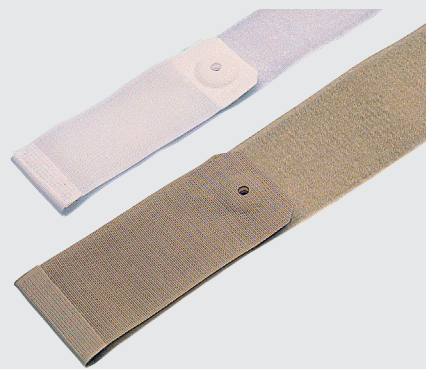
Washer Reinforced H&L Straps

With a plastic washer ultrasonically welded to the hook and completely encased in the material, these straps are great for AFOs and KFOs.

Sold per Pack of 25.



Width - Length	White	Beige	Black
25mm - 305mm	LA9001	LA9011	LA9022
25mm - 406mm	LA9002	LA9013	LA9023
25mm - 508mm	LA9003	LA9014	LA9024
38mm - 305mm	LA9004	LA9015	LA9026
38mm - 406mm	LA9006	LA9016	LA9027
38mm - 508mm	LA9007	LA9017	LA9028
50mm - 305mm	LA9008	LA9019	LA9029
50mm - 406mm	LA9009	LA9020	LA9030
50mm - 508mm	LA9010	LA9021	LA9031



50/50 Aplix H&L Straps

Made with half hook and half Aplix brand loop.

Sold per Pack of 25.



Width/Length	White	Beige	Black
25mm - 305mm	LA9033	LA9041	LA9048
25mm - 406mm	LA9034	LA9042	LA9049
38mm - 305mm	LA9035	LA9043	LA9053
38mm - 406mm	LA9036	LA9044	LA9050
50mm - 355mm	LA9037	LA9045	LA9051
50mm - 457mm	LA9038	LA9046	LA9052



PVC Pads for Straps

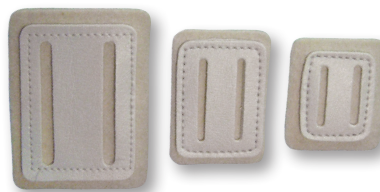
Sold per Pack of 10.



Size	White	Dark Grey	Natural
25mm	LA8685	LA8688	LA8691
40mm	LA8686	LA8689	LA8692

Slender AFO Pads

Sold individually.



Size	White	Beige	Black
45mm x 51mm	LA9117	LA9120	LA9123
47mm x 67mm	LA9118	LA9121	LA9124
64mm x 86mm	LA9119	-	LA9125

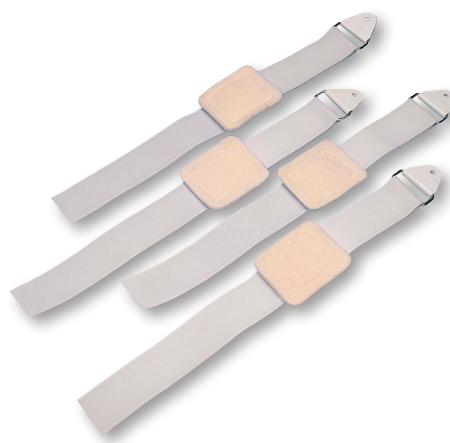
AFO Pad & Strap Kit

AFO pad complete with an ultrasonically welded hook & loop strap, metal link and chafe for easy assembly.

Sold per Pack of 5.



Width	White	Black	Beige
25mm	LA9201	LA9210	LA9206
39mm	LA9202	LA9211	LA9207
51mm	LA9203	LA9212	LA9208



Low Profile Reinforced Ring Tabs

Sold per Pack of 50.



Width	White	Beige	Black
25mm	LA9228	LA9234	LA9239
39mm	LA9230	-	LA9240
51mm	LA9231	LA9236	LA9241

AFO Pads

Sold individually.



Width	White	Black	Beige
16mm	LA9101	LA9111	LA9105
25mm	LA9102	LA9112	LA9106
39mm	LA9103	LA9113	LA9107
51mm	LA9104	LA9114	LA9108

Premium AFO Pad and Strap

The Premium AFO Pad and Strap are hand made in the UK using orthopaedic side leather. They are very durable and provide a high quality finish to any orthopaedic device.

- High quality hand-made finish.
- Supersoft leather for comfortable wear.
- Premanufactured to save time and money.


 NEW


Code	Colour	Chafe Size
LA9260	Black	20mm
LA9262	Black	30mm
LA9264	Black	38mm
LA9266	Blue	20mm
LA9268	Blue	30mm
LA9270	Blue	38mm
LA9272	Red	20mm
LA9274	Red	30mm
LA9276	Red	38mm

Code	Colour	Chafe Size
LA9278	Pink	20mm
LA9280	Pink	30mm
LA9282	Pink	38mm
LA9284	White	20mm
LA9286	White	30mm
LA9288	White	38mm

Self Gripping Straps

Product Benefits:

- Great resistance to traction.
- Easy to make.
- Easy to clean.
- Long-lasting.

Sold per Pack of 10.

Size /Colour	White	Blue	Red	Black
300mm x 25mm	LA8613	LA8640	LA8645	LA8643
400mm x 40mm	LA8617	LA8642	LA8447	LA8644



Quick-lock Installation Tool

Reliable radiolucent fastening system, a great new alternative to rivets.

Product Features & Benefits:

- Low profile, no sharp edges, non-corrosive.
- Does not obstruct radiographs.

Quick-lock Tool

Code	Description
LA9306	Red Handled

Fasteners

Code	Size
LA9301	12mm x 4.8mm
LA9302	16mm x 4.8mm
LA9304	18mm x 6.35mm



Quick-lock fasteners



Aortha® Hook & Loop

This universal fabric fastening is extremely versatile and has a number of uses in lower extremity orthoses. Uses include strapping for AFOs or DAFOs and as an easy fastening for footwear.

In addition, hook & loop can be used to hold an insole or pad inside a shoe. Simply put the hook on one part and the loop on the other and then adhere with double sided tape. The insole can then be moved easily between different pairs of the patient's shoes, maintaining correct position without causing discomfort.

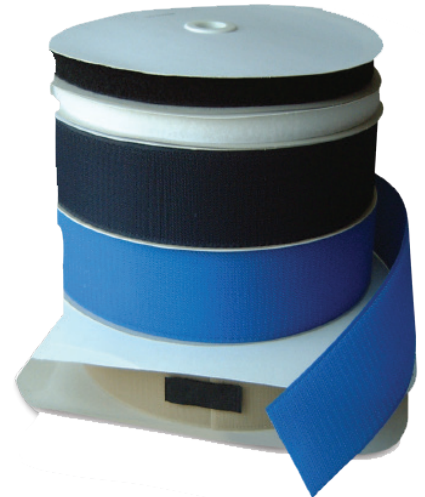
We stock a wide range of trade and industrial hook and loop products in an array of colours, widths, and sizes - our hook & loop are of high quality, truly versatile, and are cost efficient. Our range has been developed based on customer requirements and demand. If there is a colour or size that you require that is not listed, please contact us.

Standard

Sold per 25 Metre Roll.



Colour / Width	White	Black	Beige	Royal Blue	Red
20mm - Hook	LA4010	LA4012	LA4020	LA3802	LA4066
20mm - Loop	LA4011	LA4018	LA4021	LA3803	LA4067
25mm - Hook	LA3710	LA3770	LA3740	LA3800	LA3780
25mm - Loop	LA3711	LA3771	LA3741	LA3801	LA3781
30mm - Hook	LA3712	LA3772	LA3714	LA3806	LA3722
30mm - Loop	LA3713	LA3773	LA3715	LA3807	LA3723
38mm - Hook	LA4040	LA4044	LA4042	LA4050	LA4052
38mm - Loop	LA4041	LA4045	LA4043	LA4051	LA4053
50mm - Hook	LA3716	LA3776	LA3864	LA3804	LA3868
50mm - Loop	LA3717	LA3777	LA3778	LA3805	LA3867



Adhesive Backed

Sold per 25 Metre Roll.



Colour / Width	White	Black	Beige
20mm - Hook	LA3808	LA3819	LA4017
20mm - Loop	LA3809	LA3871	LA4016
25mm - Hook	LA3874	LA3876	-
25mm - Loop	LA3875	LA3877	LA3810
30mm - Hook	LA3814	LA3847	-
30mm - Loop	LA3815	LA3848	-
50mm - Hook	LA3824	LA3830	LA3866
50mm - Loop	LA3825	LA3831	LA3865

Elasticated

Sold per 25 Metre Roll.



Colour / Width	White	Black
30mm - Hook	LA4901	LA4905
30mm - Loop	LA4902	LA4906
50mm - Hook	LA4921	LA4925
50mm - Loop	LA4922	LA4926

Microhook with Self Adhesive

Sold per 25 Metre Roll.



Code	White
LA9534	20mm
LA9536	25mm
LA9538	50mm

- Very low profile hook.
- Made from polypropylene.
- Fixes to velour and brushed nylon type materials as well standard loop.
- Self-adhesive for quick application.



VELFOAM®2

VELFOAM is a thick polyfoam strip with soft nylon tricot pile fabric laminated to both sides. Can be used as padding for conventional splint straps.

Sold per 5 Yard Roll.

Width / Colour	Beige
2"	LA9501
6"	LA9503



ONEWRAP® Continuous Tape

With the hook on one side and the loop on the other side this back to back tape is a cost effective solution to all your bundling and strapping requirements.

Sold per Metre.



Width / Colour	White	Black
25mm	LA9510	LA9512



VELSTRETCH®

Elasticated loop VELCRO®, which allows up to 55% elongation. Made of nylon and synthetic rubber.

Sold per Yard.



Width / Colour	White	Black
1"	LA9505	LA9506
2"	LA9507	LA9508



VELCOIN® Fasteners

VELCOIN branded fasteners from VELCRO®.

Sold per 25 Metre Roll.



Width / Colour	White	Black
13mm - Hook	LA9522	LA9523
13mm - Loop	LA9520	LA9521
22mm - Hook	LA9526	LA9527
22mm - Loop	LA9524	LA9525

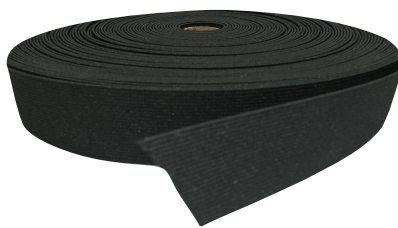




Cotton Webbing - 50m

Relatively strong (3-5 grams/denier) cotton webbing tape has the ability to absorb some moisture without feeling damp.

Code	Width	Colour
LA2978	20mm	White
LA2979	25mm	White
LA2999	25mm	Black
LA2980	30mm	White
LA3000	30mm	Beige
LA2981	38mm	White
LA2985	38mm	Beige
LA2982	50mm	White



Heavy Duty Elastic Black

High quality for reinforcement and appliance strapping.

Code	Width	Length
LA1046	6mm	200m
LA1050	13mm	100m
LA1052	20mm	25m
LA1054	25mm	25m
LA1058	50mm	25m
LA1060	75mm	25m
LA1061	100mm	25m
LA1064	125mm	25m
LA1068	200mm	25m



Heavy Duty Elastic Brown

High quality for reinforcement and appliance strapping.

Code	Width	Length
LA1085	6mm	25m
LA1082	15mm	25m
LA1083	19mm	25m
LA1079	25mm	25m
LA1070	50mm	25m
LA1072	70mm	25m
LA1073	100mm	25m
LA1081	200mm	25m



Webbing Nylon - 50m

Black High strength - up to 9g/den. Elongation approximately 20% at break.

Code	Width
LA2930	20mm
LA2945	25mm
LA2927	38mm
LA2929	50mm



Rubber Belting - 25m

Beige, pink and blue elastic belting with moisture wicking/heat retaining properties.

Code	Width
LA5030	19mm
LA5031	32mm
LA5032	44mm



PP Webbing - 50m

High tenacity strength - up to 7g/den. Elongation - up to 25% at break point.

Code	Width	Colour
LA2925	25mm	Black
LA2928	25mm	White

Wenzels Wax Thread

Code	Colour
LA2240	Black
LA2241	Brown
LA2242	White



Nylon 40 Rev Bonded

Length: 3000m.

Code	Colour
LA2280	Natural White
LA2282	Black
LA2284	Red
LA2285	Beige
LA2286	Maroon
LA2287	Dark Brown
LA2288	Navy Blue



Nylon 60 Rev Bonded

Length: 5000m.

Code	Colour
LA2290	Bright White
LA2291	Beige
LA2292	Black



Thread Satin Cord

Weight/type: 50g - 18/3.

Code	Colour
LA2200	Black
LA2201	Brown
LA2203	White-Brown



Serafill 100% Polyester

Rev: 40/3.

Length: 1200m.

Code	Colour
LA2712	White
LA2713	Fawn
LA2714	Black



Hemp Thread

No. 12.

Weight: 50g.

Code	Colour
LA2220	White



Linen Cord Rev Twist

6 Cord.

Weight: 500g.

Code	Colour
LA2226	Soft Natural



Barbour Blake

Colour: Soft grey.

Weight: 500g.

Code	Colour
LA2214	5 Cord
LA2215	6 Cord
LA2216	7 Cord



Polyester/Cotton Mix

No. 75.

Length: 5000m.

Code	Colour
LA2250	Bright White
LA2251	Black
LA2252	Ecu



Nylon Zips - Closed End

Size	Black	Brown	White
4" - 10cm	-	-	LA5804
5" - 13cm	-	LA5552	LA5805
6" - 15cm	LA2054	LA5554	-
8" - 20cm	LA2056	LA5556	LA5808
9" - 23cm	-	-	LA5809
10" - 25cm	LA2060	LA5560	LA5810
12" - 30cm	LA2064	LA5564	-
14" - 36cm	LA2070	LA5570	-
15" - 38cm	-	LA5572	-
16" - 41cm	LA2074	LA5574	
18" - 46cm	LA2076	LA5576	LA5818
20" - 51cm	LA2078	LA5578	-
22" - 54cm	LA2080	-	-
24" - 61cm	LA2082	LA5582	-
28" - 71cm	LA2086	-	-



Dee Ring

Code	Size	Type
LA3419	12mm	NP
LA3409	15mm	NP
LA3415	19mm	NP
LA3418	25mm	NP



Loops - Rounded End

Code	Size	Type
LA3117	1.5" - 38mm	NP
LA3119	2" - 50mm	NP



Split Ring

Code	Size	Type
LA3246	1" - 25mm	NP



Fancy Double Buckle

Size	Nickel	Gilt
¼" - 6mm	-	LA4235
⅜" - 9.5mm	LA4224	LA7132
½" - 12mm	-	LA4236
¾" - 19mm	LA4228	LA7135



Double Buckle with Roller

Size	Code	Type
½" - 12mm	LA3112	Nickel
⅝" - 15mm	LA3114	Nickel
¾" - 19mm	LA3116	Nickel
⅞" - 22mm	LA3118	Nickel
1" - 25mm	LA3120	Nickel



Sandal Buckle

Size	Nickel	Gilt
⅜" - 9.5mm	-	LA7102
½" - 12mm	LA3094	LA7104
⅝" - 15mm	-	LA7105
⅞" - 22mm	-	-
1¼" - 38mm	-	LA7109



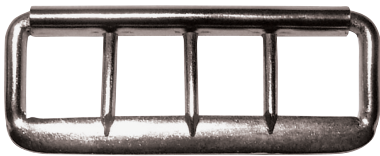
Rectangular Wire Loops
White Nylon Roller

Code	Size
LA3286	1" - 25mm
LA3287	1½" - 38mm
LA3288	2" - 50mm



Wire Frames Nickel Plated Welded

Code	Size	Code	Size
LA3101	⅝" - 15mm	LA3105	1¼" - 31mm
LA3102	¾" - 19mm	LA3107	1½" - 38mm
LA3103	⅞" - 22mm	LA3109	2" - 50mm
LA3104	1" - 25mm		



Webbing Buckle

Nickel plated -12 gauge.

Code	Size
LA3175	1.5" - 38mm



Two Prong Buckle

Nickel plated.

Code	Description
LA2645	25mm
LA2661	30mm



Slide Grip Buckle

Nickel plated with centre stud.

Code	Description
LA3147	Buckle - ¾"
LA3148	Stud
LA3149	Rivet



Nylon Loops



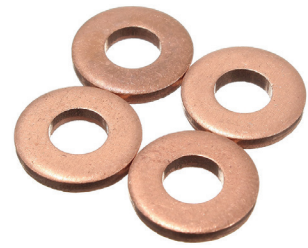
Size	Black	White	Beige
1½" - 38mm	LA3282	-	-
2" - 50mm	LA3285	LA3258	LA3265



Nylon Chafes



Size	Black	White	Beige
1" - 25mm	LA3284	LA3266	LA3276
1 ½" - 38mm	LA3282	LA3267	LA3277
2" - 50mm	LA3289	LA3268	LA3278



Copper Rivets

Code	Gauge	Size
LC1012	10G	12mm x 3mm
LC1029	10G	15mm x 3mm
LC1013	10G	20mm x 3mm
LC1031	8G	16mm x 4mm
LC1027	8G	20mm x 4mm
LC1030	8G	25mm x 4mm
LC1032	8G	38mm x 4mm
LC1070	6G	25mm x 5mm

Copper Rivet Washers

Code	Hole Diameter	Diameter	Thickness	Description
LC1212	2.8mm	8mm	0.09mm	12 Gauge
LC1214	3mm	9mm	0.10mm	10 Gauge
LC1218	5mm	14mm	0.16mm	6 Gauge
LC1202	2.8mm	8mm	0.09mm	12 Gauge NP
LC1204	3mm	9mm	0.10mm	10 Gauge NP
LC1206	4mm	11mm	0.12mm	08 Gauge NP



Solid Steel Rivets Flat Head

Code	Gauge	Size
LC1104	12G	3mm x 13mm
LC1106	12G	3mm x 19mm
LC1107	12G	3mm x 25mm
LC1108	8G	4mm x 13mm
LC1110	8G	4mm x 19mm
LC1112	8G	4mm x 25mm



Copper Rivets NP Countersunk

Code	Gauge	Size
LC1006	10G	12mm x 3mm
LC1007	10G	20mm x 3mm
LC1022	8G	16mm x 4mm
LC1024	8G	25mm x 4mm
LC1026	8G	38mm x 4mm
LC1062	6G	25mm x 5mm

Tubular Rivet Stems & Caps

Description	Shank Diameter	Head Diameter	Height	Nickel Plated Stems	Nickel Plated Caps	Gilt Stems	Gilt Caps
No 1	3.3mm	8mm	9mm	LA1722	LA1702	LA1751	LA1761
No 2	3.3mm	7.5mm	7.7mm	LA1724	LA1704	LA1752	LA1762
No 3	2mm	9mm	9mm	LA1726	LA1706	LA1753	
D26	3.3mm	11mm	11.7mm	LA1728	LA1708	LA1756	LA1766
D37	3.5mm	11.7mm	11.2mm	LA1730	LA1710	LA1757	LA1767
9011	-	-	10mm	LA1731	-	-	-
9011	-	-	12mm	LA1734	-	-	-
9012	-	-	15mm	LA1738	LA1712	-	-





Tubular Rivet
Nickel - Capped Stem

Code	Size	Description
LA1726	10mm	No 3
LA1728	9mm	D26 Small



Tubular Rivet
Nickel - Tubular Stem

Code	Size	Description
LA1722	9mm	No 1
LA1724	8mm	No 2



Eyelet Closing Punch

Code	Description
LA3609	Closing Punch



Cap



Socket



Stud



Eyelet

Press Studs Set Large (5/4)

Cap, socket, stud and eyelet.

Code	Colour
LC2016	Gilt
LC2036	Oxy Black



Blind Eyelet For Shoes

Nickel plated on brass.

Code	Description
LA1175	Nickel Plated



Dies for Blind Eyelets

Code	Description
LA3686	Small
LA3687	Large



Ski Hooks - Gun Metal

Code	Size
LA2808	Large
LA2807	Medium



Ski Hooks Antique Brass

Code	Size
LA3888	Large
LA3887	Medium



Ski Hooks - Large Ribbed

Code	Type
LA2871	Nickel Plated
LA2874	Antique Brass
LA2873	Black

Stems Gun Metal Hooks

Code	Size
LA1815	Large

Stems For Antique Brass

Code	Size
LA2819	Medium

Stem For Large Ribbed

Code	Type
LA2877	Gun Metal

Eyelets

For use with shoe repair and manufacture. Eyelets and dies sold separately.



Description / Colour	Tan	Navy	Black	Dark Brown	White
T100	LA6041	LA1217	LA1160	LA1166	LA1171
T110	LA6042	LA1224	LA1161	LA1167	LA1172
T120	LA6043	LA1223	LA1162	LA1168	LA1173
T130	-	-	LA1163	-	-



Description / Colour	Mid Brown	Burgundy	Mid Grey	Beige	Brass (Clean)
T100	LA1176	LA6001	LA1191	LA6011	LA1181
T110	LA1177	LA6002	LA1192	LA6012	LA1182
T120	LA1178	LA6003	LA1193	LA6013	LA1183



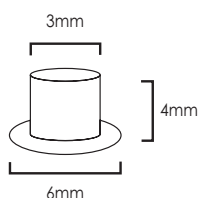
Description / Colour	Bright Red	Antique Brass	Gun Metal	Silver	Mushroom/Taupe	Oxy Black
T100	LA1211	-	LA6052	-	-	-
T110	LA6032	LA6057	-	LA1187	-	-
T120	-	LA6071	-	-	LA6007	LA6075

Dies for Eyelets

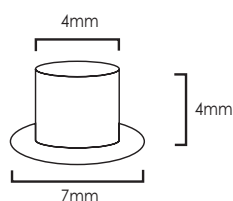
Code	Description
LA3685	T100 & T110
LA3613	T120
LA3614	T130



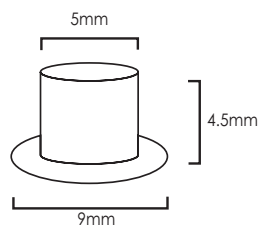
Rivets Size Guide



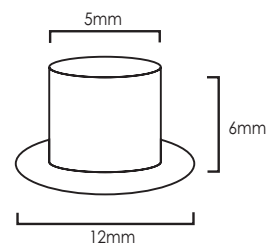
T100



T110



T120



T130



Toe Protectors

Galvanised steel.
Sold per Pair.

Code	Size	Desc
LA1672	Medium	No 7
LA1674	Large	No 8



Men's Metal Shanks

Sold per 100.

Code	Length	Width
LA1921	4½"	½"



Wooden Pegs

Sold per 450g Box.

Code	Size
LA2049	450g



Triumph Toe Plates

Triumph Toe Plates are durable, metal toe plates for fixing to footwear.

Code	Size	Desc
LA1680	Small	13
LA1682	Medium	14
LA1684	Large	15



Yankee Wax

Wax dye commonly used for colouring leather heels and soles. Applied with brush or cloth wheel.
Size: 100g Stick.

Code	Colour
LA2040	Black
LA2042	Dark Brown
LA2044	Mid Brown
LA2045	Neutral
LA2046	Golden Brown



Beeswax

Sold per Pack of 20 x 30g bars.

Code	Colour
LA2750	Yellow



Edging Ink

Quick drying, water resistant gloss used for colouring leather soles, edges and heels.
Size: 500ml.

Code	Colour
QA3025	Black



Black Quick Stain

Used for coating leather soles, edges and heels to attain a superior finish.

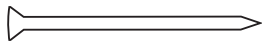
Code	Size
QA3075	500ml
QA3070	5 Litres



Finishing Ink

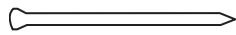
For leather and rubber soles. Dries quickly and brightly, no buffing necessary.
Size: 1L.

Code	Colour
QA3096	Black
QA3097	Dark Brown



Steel Rivets - Large Head
17 Gauge

Code	Size	mm
LA1254	5/8"	16mm
LA1256	3/4"	20mm
LA1258	7/8"	22mm
LA1260	1"	26mm



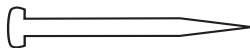
Hand Steel Rivet
Small Head - 17 Gauge

Code	Size	mm
LA1272	5/8"	16mm
LA1274	3/4"	20mm
LA1276	7/8"	22mm
LA1278	1"	26mm



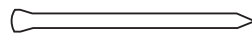
Serrated Cone Hand
Tacks 'Square Shank'

Code	Size	mm
LA1403	1/2"	12mm
LA1405	5/8"	16mm
LA1406	3/4"	20mm
LA1407	1"	22mm



Heavy Flat Head Lasting
Tacks Square Shank

Code	Size	mm
LA1416	1/2"	12mm
LA1418	5/8"	16mm



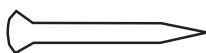
Steel Rivets Small Head
- 18 Gauge 1.2mm

Code	Size	mm
LA1292	5/8"	16mm
LA1294	3/4"	20mm
LA1296	1"	26mm



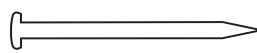
Hardened Buttress Heel
Nail Hi-Tensile

Code	Size	mm
LA1342	5/8"	16mm
LA1343	3/4"	20mm
LA1344	7/8"	22mm



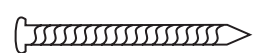
Heavy Cone
Head Rivets

Code	Size	mm
LA1360	3/8"	10mm
LA1364	1/2"	12mm
LA1368	9/16"	14mm
LA1370	5/8"	16mm
LA1372	3/4"	20mm



Heavy Flat Head Rivets
Square Shank

Code	Size	mm
LA2521	9/16"	14mm
LA2522	5/8"	16mm
LA2523	3/4"	20mm



Serrated Heel Nails

Code	Size	mm
LA1310	3/4"	20mm
LA1311	7/8"	22mm
LA1313	1"	26mm



Veneto

Raised flute.

Code	Colour
LA2810	Black
LA2811	Brown



Torino Resin Randing

Storm welt.

Code	Colour
LA2790	Black
LA2791	Brown



Roma Stitched Resin

Code	Colour
LA2793	Black
LA2794	Brown



Pisa Stitched Leather

Code	Colour
LA2780	Black Leather
LA2781	Brown Leather



Elba Stitched Resin

Code	Colour
LA2783	Black
LA2784	Brown



Lucca Resin

Storm welt.

Code	Colour
LA2795	Black
LA2796	Brown



Modena Resin

Storm welt - patterned.

Code	Colour
LA2830	Black
LA2831	Brown



Leather Welting

Flat & grooved.

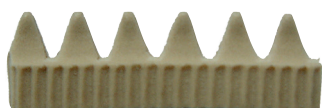
Code	Size
LA2771	5/8"



Prime Rib Welting

Green/white.

Code	Size
LA2820	25mm



EVA Randing Flat Fluted

Perfect beige EVA colour match.

Code	Colour
LA2836	White (09)
LA2833	Grey Beige (17)
LA2815	Brown (46)
LA2816	Stone Grey (56)
LA2813	Navy/Dark Blue (78)
LA2814	Black (81)



Hirschkleber Craft Paste

A craft paste for fixing the inner leather lining to the shoe's upper.

Does not seal pores in leather so it always remains breathable.

Code	Size
RA1019	0.6kg
RA1020	6.0kg



Metrotex 047

Starch paste adhesive. Slow drying glue suitable for applying leather and fabric linings to more rigid materials such as leatherboard or EVA.

Non-solvent.

Code	Size
RA1010	500ml
RA1016	5kg



Cork Bottom Filler

Commonly used to fill the bottom cavity of shoes in a fast and easy application.

For all types of shoe construction. Highly flexible and resilient. Fast drying time.

Code	Size
LA1001	1L



Neatsfoot Oil

Fiebing's 100% pure neatsfoot oil consists of pure rendered animal oils.

100% Pure neatsfoot oil is the highest grade leather oil produced by Fiebing.

Code	Size
LA3007	1 Gallon

Boy Double Shoe Expander

As every footcare specialist knows, shoes that are too tight are the biggest cause of foot problems.

These heavy duty shoe expanders give the professional the option to quickly and easily stretch a shoe in a problem area.

Includes:

- 4 pairs of lasts.
- 2 small round corn (not shown).
- 2 big round corns (not shown).

Code
LM2414



GP Double Boot Expander

Larger stretching machine for boot style footwear.

Includes:

- 4 pairs of lasts.
- 2 small round corn (not shown).
- 2 big round corns (not shown).

Code
LM2412



32 Inch Shoe Lift

This 32" Shoe Lift is ideal for patients with bending and mobility problems.

No more uncomfortable bending or stooping over. From a standing or sitting position, simply place it at the back of the shoe and slide your foot in.

Durable, one-piece construction with smooth finish that won't snag socks or stockings.

Code	Size
PA1860	32"



Shoe Helper

Probably the most independent dressing aid of its kind, the Shoe Helper enables patients with mobility problems to both retrieve a shoe and fit it.

The hooked trigger can be used as a dressing tool to pull up/around clothing as well as a great way to hang up when not in use.

Code	Size
NV5451	32"
NV5450	26"



17 Inch Shoe Lift

Long-handled 17" plastic shoe horns help to manoeuvre the foot into boots or shoes.

Code	Size
PA1854	17"



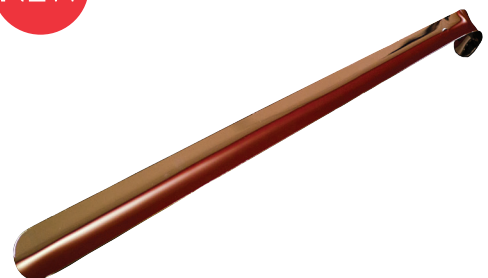
16 Inch Metal Shoe Lift

A sturdy metal shoe lift with durable, one-piece construction.

- Durable construction.
- Allows the user to put shoes on without any damage to the shoes.
- Quality polished plate finish that won't snag on socks or stockings.
- Ideal for patients with bending and mobility problems.

Code	Size
LA4545	16"

NEW



Brillo Colour Leather Sprays

Renew or change the colour of leather, vinyl, and plastic. Permanent shoe colour sprays are available in over 50 colours.

Product Benefits:

- Will not rub off.
- Repels water, soil, and stains.
- New and improved formulation.
- Can also be used to colour heels.

This colour chart is for reference only. The colour should be spot tested in a small inconspicuous area before use.

Size: 127g unless otherwise stated.

 QA1401 Yellow	 QA1415 - 127g QA1300 - 340g Black	 QA1433 Champagne	 QA1449 Vanilla
 QA1402 Camel	 QA1416 Orange	 QA1434 Chamois	 QA1450 Charcoal Grey
 QA1403 Tan	 QA1417 - 127g QA1302 - 340g White	 QA1436 Cordovan	 QA1451 Coffee
 QA1404 Light Brown	 QA1418 Bone	 QA1438 Burgundy	 QA1455 Mist
 QA1405 Medium Brown	 QA1419 Pink	 QA1439 Cognac	 QA1457 Sand
 QA1406 Dark Brown	 QA1420 Scarlet	 QA1440 Bark	 QA1458 Red Mahogany
 QA1407 Green	 QA1421 Bright Red	 QA1441 Smoked Elk	 QA1460 Light Grey
 QA1408 Avocado	 QA1422 Maroon	 QA1442 Rich Brown	 QA1469 Taupe
 QA1410 Royal Blue	 QA1423 Silver	 QA1444 Russet	 QA1472 Raspberry
 QA1411 Light Navy	 QA1424 Gold	 QA1445 Chocolate	 QA1473 Shell Pink
 QA1412 Navy	 QA1429 Fashion Brown	 QA1446 Mahogany	 QA1474 Otter
 QA1413 Purple	 QA1430 Saddle	 QA1447 Natural	 QA1478 Sapphire
 QA1414 Grey	 QA1431 Dark Green	 QA1448 Dark Bone	 QA1482 Winter White
			 QA1495 Tangerine

ProShine High Gloss Spray

ProShine shines all colours instantly. No buffing needed.

Renews look and finish of tired looking shoes.

Code	Size
QA1304	620ml



Algecork - EVA/Cork Mix

An EVA that contains granulated cork, moulds easily and is typically used for making deep heel cups. Algecork can be used for modifications, posting, and may be spot modified.

Medium density Sheet Size: 131cm x 81cm.

High density Sheet Size: 122cm x 77cm.

Code	Thickness	Density
OM1022	3mm	Medium
OM1024	6mm	Medium
OM1028	12mm	Medium
OM1030	20mm	Medium
OM1032	3mm	High
OM1037	4mm	High
OM1033	6mm	High
OM1034	12mm	High
OM1035	20mm	High
OM1036	24mm	High



Composition Cork Sheets

Composition cork is the most versatile of all cork products. This material is manufactured from natural cork grains and therefore maintain most of the characteristics attributed to cork in its natural state.

Sheet Size: 91.5cm x 61cm.

Code	Thickness	Sheets per Box
OM1002	3mm	100
OM1004	6mm	50
OM1008	12mm	25
OM1010	20mm	15



Neoprene Cork

Neoprene rubber sheet to which very fine granulated cork has been added to create a resilient material.

Sheet Size: 1m x 1m.

Code	Thickness
OM1151	1.5mm



Natural Cork

Lightweight granular cork strips. Grindable.

Sheet Size: 30cm x 10cm.

Code	Thickness	Sheets per Box
OM1054	6mm	850
OM1058	12mm	125
OM1060	20mm	250
OM1062	25mm	210
OM1064	38mm	100
OM1066	50mm	100
OM1072	100mm	20



TEPP2 Stiffening Material

Versatile heel stiffening material for heel counters and toe puffs. TEPP2 is an extremely versatile product which has a wide range of applications in orthopaedic and footwear manufacture.

Thermoplastically distortable at 180°C. Has fantastic shape stability and is also available in a pre-cemented form to save you working time.

Sheet Size: 1m x 1.45m.

Code	Thickness	Finish
OB2455	1.7mm	Perforated
OB2456	1mm	Plain



Texon® Cellulose Board

Cellulose Board has generally good shoemaking and wear properties and can be used either as a stiff insole or inserted between the outsole and insole at the waist to reinforce the insole where additional rigidity is required.

The ability of cellulose insoles to absorb high levels of moisture is thought to be beneficial for foot comfort and is the main reason for widespread use of cellulose.

Sheet Size: 1m x 1.5m.

Code	Thickness	Type
OB2223	1.5mm	T2000
OB2226	2mm	T2000
OB2227	2.5mm	T2000

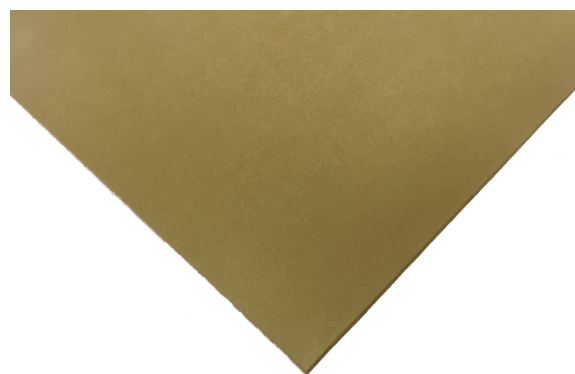


Leatherboard

Leatherboard is a popular material that is manufactured from irregularly laid leather fibres, each having a different skeleton substance. Leatherboard is bonded using mainly natural binders to obtain a firm material that shows leather-like qualities.

Our manufacturers ensure that the properties of the leather are maintained which helps provide our leatherboard products with a distinctively leathery appearance.

Sheet size: 1.22m x 1.56m.



Leatherboard Sheet

Code	Thickness
OB2231	1.0mm
OB2230	1.5mm

Leatherboard Insoles

Code	Shoe Size
PA2546	6
PA2547	7
PA2548	8
PA2549	9
PA2550	10
PA2551	11
PA2552	12

Cut and packed in Pairs.

Resin Sheeting

Durable, uniform, and hard wearing rubber with a smooth finish.

Code	Sheet Size	Thickness	Colour
OF1021	1000mm x 550mm	3mm/6 Iron	Natural
OF1030	885mm x 665mm	2.7mm/5 Iron	Black
OF1031	885mm x 665mm	3mm/6 Iron	Black
OF1032	885mm x 665mm	4mm/7 Iron	Black
OF1034	885mm x 665mm	5.3mm/10 Iron	Black



Aortha Non-Slip Soling - Shore A50

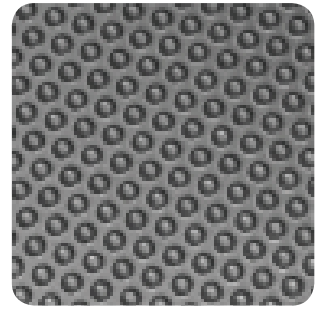
Excellent slip resistance and lightweight. Formulated specifically for the orthopaedic market.

- Good abrasion resistance.
- Lightweight.
- Resilient.
- Good compression set.
- Excellent elasticity/flexibility.

Sheet Size: 100cm x 90cm.

Code	Thickness	Colour
OG2765	1.5mm	Black
OG2764	2mm	Black
OG2763	2.5mm	Black

NEW



Morflex Ribbed EVA - Shore A50

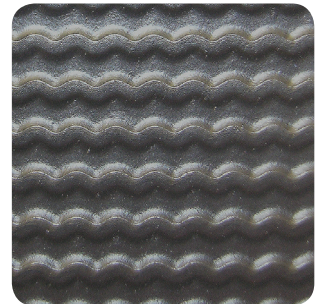
Lightweight EVA soling sheet with good traction.

Sheet Size: 1300mm x 820mm.



Thickness / Colour	Black	Sepia
6mm	OG1450	OG1456
8mm	OG1451	OG1429
18mm	OG1454	OG1458

IMPROVED



Zephir Sky Pattern EVA - Shore A50

Zephir Sky is non-slip and mark-free. Combining lightness, softness and its sustaining properties assures maximum comfort and helps prevent traumas caused by hard ground impact.

Sheet Size: 750mm x 900mm.



Thickness / Colour	Sepia	Black
6mm	OG2184	OG2181
8mm	OG2185	OG2182



Delite Rubber Micro - Shore A65

Hard wearing with good traction.

Sheet Size: 890mm x 610mm.



Thickness / Colour	Black	Sepia	White
3mm	OG1068	OG1078	OG1086
4.5mm	OG1069	OG1079	-
6mm	OG1070	OG1080	OG1089
8mm	OG1071	OG1081	OG1090

Algelite Pebble Finish HD - Shore A65

High quality Algelite high density EVA has a smooth pebble finish on one side.

Sheet Size: 1070mm x 610mm.



Thickness / Colour	Brown	Black	Honey	White
6mm	OG1211	OG1201	OG1220	OG1240
8mm	OG1212	OG1202	OG1221	OG1241
10mm	OG1213	OG1203	OG1222	OG1242
12mm	OG1214	OG1204	OG1223	OG1243

Lightweight EVA Pebble Finish - Shore A45

A high quality, medium density EVA with a smooth pebble finish on one side.

Sheet Size: 1020mm x 560mm.



Thickness / Colour	White	Grey	Black	Sepia	Honey
6mm	OG1027	OG1006	OG1001	OG1011	OG1020
8mm	OG1036	OG1007	OG1002	OG1012	OG1021
10mm	OG1037	OG1008	OG1003	OG1013	OG1022
12mm	OG1025	OG1009	OG1004	OG1014	OG1023

Wellen Trainer Sheetting - Shore A90

Superior traction and attractive pattern, ideal for training shoes.

Code	Sheet Size	Thickness	Colour
OG2162	1000mm x 570mm	4mm	Black
OG2164	1120mm x 560mm	4mm	Beige
OG2165	1000mm x 570mm	4mm	White



Tyre Tread Rubber

The Tyre Tread Rubber sheet is a hard wearing, long lasting shoe soling material.

- Hard wearing.
- Great traction.
- Durable.
- Cost effective.

Code	Sheet Size	Thickness
OB1180	5mm	83cm x 60cm

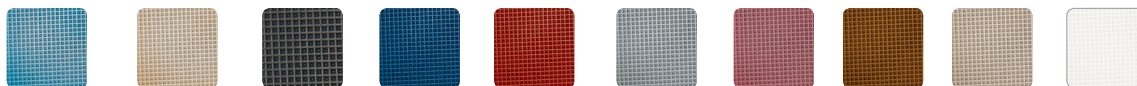
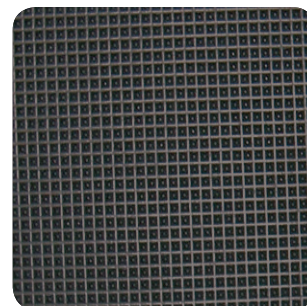
NEW



Evalite Pyramid Lightweight EVA - Shore A50

Popular low cost soling solution for all shoe types.

Sheet Size: 1250mm x 780mm.



Thickness	Navy Blue	Beige	Black	Royal Blue	Burgundy	Dark Grey	Red	Sepia	Taupe	White
3mm	-	OG1179	OG1549	-	-	-	OG1909	OG1158	-	OG1169
6mm	OG1900	OG1180	OG1150	OG1870	OG1880	OG1890	OG1910	OG1160	OG1920	OG1170
8mm	OG1901	OG1181	OG1151	-	-	OG1891	OG1911	OG1161	OG1921	OG1171
10mm	-	OG1182	OG1152	-	-	OG1892	-	OG1162	-	OG1172
12mm	-	OG1183	OG1153	OG1873	OG1883	OG1893	OG1913	OG1163	OG1923	OG1173
16mm	-	-	OG1154	-	-	-	-	OG1164	-	OG1174
24mm	-	OG1186	OG1156	-	-	-	-	-	-	-

T-Grip Rubber Soling

T-Grip Rubber soling features a continuous crepe design which is both hard wearing and flexible, promoting high levels of slip resistance and modular stability.

NEW



- Hard wearing.
- Superior slip resistance.
- Good abrasion resistance.

Code	Sheet Size	Thickness	Type
OB1188	850mm x 1250mm	5mm	Black

Stick on Sole - Shore A80

Super tough, long wearing sole sheet. Low profile and great traction qualities.

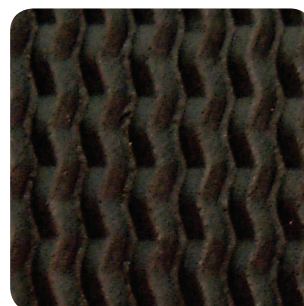
Code	Sheet Size	Thickness	Type
OB1026	760mm x 910mm	2.4mm	Pyramid
OB1028	1020mm x 820mm	1.8mm	Silhouette



Flex Rib - Shore A60

Rib design soling for all shoe types.

Code	Sheet Size	Thickness	Colour
OB1140	840mm x 700mm	5mm	Black
OB1142	840mm x 700mm	6.5mm	Black



Starswing - Shore A80

Oil resistant, anti-static soling material.

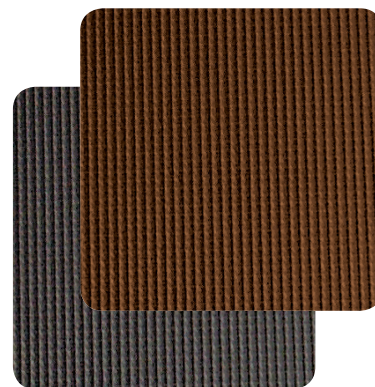
Code	Sheet Size	Thickness	Type
OB2057	500mm X 600mm	4mm	Black



Estasol Micro - Shore A60

Lightweight but resilient EVA soling with excellent abrasion.

Code	Sheet Size	Thickness	Colour
OG1039	1180mm x 680mm	4mm	Brown
OG1040	1180mm x 680mm	6mm	Brown
OG1041	1180mm x 680mm	8mm	Brown
OG1042	1180mm x 680mm	10mm	Brown
OG1043	1180mm x 680mm	12mm	Brown
OG1030	1180mm x 680mm	6mm	Black
OG1031	1180mm x 680mm	8mm	Black
OG1032	1180mm x 680mm	10mm	Black
OG1033	1180mm x 680mm	12mm	Black

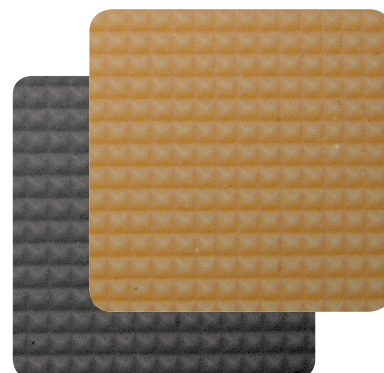


Patterned Stick on Soling - Shore A85

Fashionable and robust soling material.

Sheet Size: 730mm x 520mm.

Thickness	Black	Natural
2mm	OB1083	OB1086

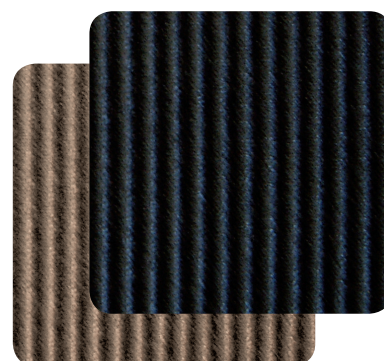


Kalgena Ribbed Rubber - Shore A80

Wear resistant and super tough.

Sheet Size: 1200mm x 900mm.

Thickness	Sepia	Black
4mm	OB1097	OB1092
5mm	OB1098	OB1093
6mm	OB1099	OB1094



Corrugated Crepe Rubber

Soft and very comfortable to wear. Provides the shoe with good shock absorption.

Code	Sheet Size	Thickness	Type
OB1106	91.5mm x 33cm	6mm	Natural



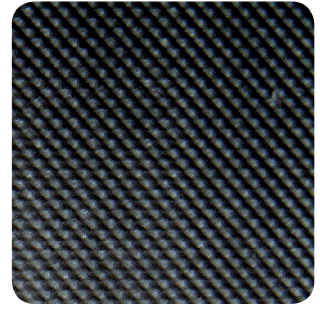


Vibram TQ Stick on Soling - Shore A90

Compact rubber sheet for half soles.

Sheet Size: 1120mm x 850mm.

Code	Thickness	Colour
OB1046	1.8mm	Black
OB1047	1.8mm	Brown

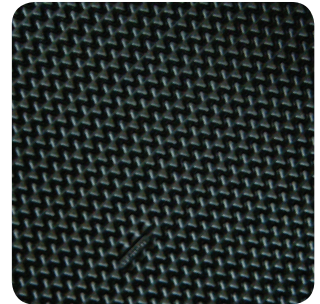


Vibram Clivia Morflex - Shore A65

Good shock capacity and extremely lightweight. Use for resoling/manufacturing comfort, sports and orthopaedic shoes. It can easily be glued with neoprene adhesives.

Sheet Size: 1200mm x 660mm.

Code	Thickness	Colour
OB2131	6mm	Black
OB2135	6mm	Brown
OB2132	8mm	Black
OB2133	8mm	Brown

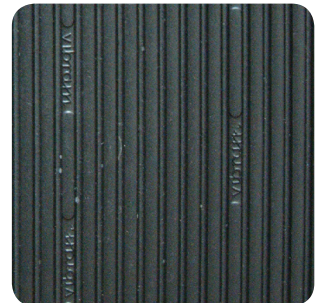


Vibram Begonia Morflex - Shore A45

Vibram Morflex provides high flexibility and bounce.

Sheet Size: 1250mm x 700mm.

Code	Thickness	Colour
OB2102	8mm	Black
OB2103	8mm	Brown



Vibram Non-Slip Sheeting - Shore A60

Soft rubber sheet for soles and inserts. Featuring excellent abrasion and slip resistance, flexibility, softness, and multi-direction Vibram design.

Sheet Size: 940mm x 640mm.

Code	Thickness	Colour
OB1314	3.5mm	Black



TCR Units

Extra wide sole unit for orthopaedic shoes.

Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2431	6 - 7	40 - 41	Black
MB2432	8 - 9	42 - 43	Black
MB2434	10 - 11	45 - 46	Black
MB2436	12+	48+	Black
MB2441	6 - 7	40 - 41	Sepia
MB2443	8 - 9	42 - 43	Sepia
MB2445	10 - 11	45 - 46	Sepia
MB2446	12+	48+	Sepia



Mammoth Soles

Oversized soles for orthopaedic shoes.

Sold per Pair. One size.

Code	Size	Colour
MB2481	14"	Black
MB2482	14"	Dark Brown
MB2483	14"	Honey



Vibram Roccia Sole - 1136/13 Style

Square template solid rubber unit. Soles are commercially used in mountaineering boots.

Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2271	5 - 6	39 - 40	Natural
MB2272	7 - 8	41 - 42	Natural
MB2274	9 - 10	43 - 44	Natural
MB2276	10 - 11	45 - 46	Natural
MB2277	12+	47 - 48	Natural



Vibram Roccia Sole - 1136/78 Style

Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2291	3 - 4	36 - 36	Brown
MB2292	4 - 5	37 - 38	Brown
MB2293	5 - 6	39 - 40	Brown
MB2294	7 - 8	41 - 42	Brown
MB2295	9 - 10	43 - 44	Brown
MB2296	10 - 11	45 - 46	Brown



Vibram Montagna Sole - 1149/78 Style

Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2218	3 - 4	35 - 36	Black
MB2219	4 - 5	37 - 38	Black
MB2220	5 - 6	39 - 40	Black
MB2222	7 - 8	41 - 42	Black
MB2224	9 - 10	43 - 44	Black
MB2226	10 - 11	45 - 46	Black
MB2227	12+	47 - 48	Black



Vibram Roccia Sole - 1136/78 Style

Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2209	2 - 3	35 - 36	Black
MB2210	4 - 5	37 - 38	Black
MB2211	5½ - 6	39 - 40	Black
MB2212	7 - 8	41 - 42	Black
MB2214	9 - 9½	43 - 44	Black
MB2216	10 - 11	45 - 46	Black
MB2215	11½ - 12	47 - 48	Black
MB2217	13 - 14	49 - 50	Black



Vibram Jankuat Soles - 1220 Style

Very good slip-resistance and outstanding abrasion. Flat unit.
Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2238	2 - 3	35 - 36	Black
MB2229	4 - 5	37 - 38	Black
MB2230	5½ - 6	39 - 40	Black
MB2232	7 - 8	41 - 42	Black
MB2234	9 - 9½	43 - 44	Black
MB2236	10 - 11	45 - 46	Black



Vibram Montagna Sole - 1100 Style

Good slip-resistance and outstanding abrasion, with opened design for effective self cleaning. Sole unit with no heel.
Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2251	5½ - 6	39 - 40	Black
MB2252	7 - 8	41 - 42	Black
MB2254	9 - 9½	43 - 44	Black
MB2256	10 - 11	45 - 46	Black





Vibram Montagna Sole - 1133/78 Style

Light sole with low heel unit.
Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2201	5½ - 6	39 - 40	Black
MB2202	7 - 8	41 - 42	Black
MB2204	9 - 9½	43 - 44	Black
MB2206	10 - 11	45 - 46	Black



Vibram Commando Units - 8303 Style

Non trimmed for customisation.
Sold per Pair.

Code	Shoe Size UK	Shoe Size EU	Colour
MB2475	4 - 5	37 - 38	Black
MB2476	6 - 7	40 - 41	Black
MB2477	8 - 10	42 - 45	Black
MB2478	11 - 12	46 - 48	Black
MB2471	4 - 5	37 - 38	Brown
MB2472	6 - 7	40 - 41	Brown
MB2473	8 - 10	42 - 45	Brown
MB2474	11 - 12	46 - 48	Brown



Slogger Half Soles

Sold per Pack of 10 Pairs.

Code	Size	Colour
MB1141	Large	Black
MB1142	Medium	Black



Slogger Rubber Heels

Sold per Pack of 10 Pairs.

Code	Size	Colour
NB1022	3¼"	Black
NB1023	3½"	Black



Dainite Rubber Heels

10mm Thickness.
Sold per 10 Pairs.

Code	Size	mm	Colour
NB1090	2 ⁵ / ₈ "	66mm	Black
NB1091	2 ³ / ₄ "	70mm	Black
NB1092	2 ⁷ / ₈ "	73mm	Black
NB1093	3"	76mm	Black
NB1095	3 ¹ / ₄ "	83mm	Black
NB1096	3 ³ / ₄ "	89mm	Black



Blakeys Multifit Heels - Quarter Tip

Sold per 10 Pairs.

Code	Size	Colour
NB1170	Small	Black
NB1171	Medium	Black
NB1172	Large	Black



Commando Heels

Sold per Pair.

Code	Size	Colour
NB2032	3"	Black
NB2034	3 ¹ / ₄ "	Black
NB2035	3 ¹ / ₂ "	Black
NB2036	3 ³ / ₄ "	Black



Mammoth Heels

Oversized heels for orthopaedic shoes. One size.
Sold per Pair.

Code	Size	Colour
NB2481	5"	Black
NB2485	5"	Dark Brown
NB2486	5"	Honey



GP Podo Mini

Multi-functional machine, designed, constructed, and safeguarded for a single user to repair and make fine adjustments to shoes and orthotics.

Product Features:

- Fully portable and equipped with a dust extraction unit.
- 4" Drum on bayonet sleeve.
- Easy access dust bag.
- Flip-top safety guard.
- Dimensions : L56cm x D23cm x H48cm.
- Net weight 24kg.
- Voltage 230V/1 ph./50Hz..

Includes:

- Band and grinding wheel/bands (70mm).



Code	Description	Dimensions
LM1027	Podo Mini	L56cm x D23cm x H48cm
LA6252	Abrasive Bands	100mm x 283mm - 24 Grit
LA6254	Abrasive Bands	100mm x 283mm - 80 Grit
LM1080	Rubber Fix Wheel	900mm x 100mm - D: 30mm
LM1044	Lamella Disc	80mm x 50mm - M16
LM1057	Bayonet	M16 - 68mm

GP Combi 10

Excellent multi-purpose bench machine, ideal when workshop space is limited.

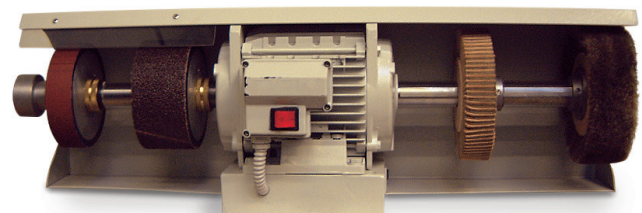
Product Features:

- 2 Sanding wheels.
- 2 Polishing wheels.
- Trimmer.
- Dimensions: W82cm x D25cm x H26cm.
- Net weight: 18kg.

Includes:

- Broad band.
- Clear plexi glass screen.

Dust extraction is available for this machine for an additional cost.



Code	Description
LM1010	GP Combi 10

Contact us for further information at info@algeos.com or call 0151 448 1228.

Aortha® Strathclyde Grinding Machine

The Aortha Strathclyde orthotic grinder has been distinctively engineered to cater for technicians who require a wide workspace with a 100mm wide scouring band and the versatility to add bayonet fittings to expand finishing options.

The Strathclyde has been ergonomically designed for the production of orthopaedic footwear adaptations, and material work. It combines economic features and a range of modalities that enhance lean mass production without taking up excess space.

Product Features & Benefits:

- Ergonomic.
- Enhanced structure with good work height stations for optimal comfort.
- User friendly.
- Easy interchangeable consumables.
- Powerful internal dust extraction system with integrated filter bag shaker to ensure a clean working environment is kept.
- Filter bag shaker allows the filter bag to be used to its maximum capacity therefore reducing running costs.
- Positioning of the extraction unit means that dust is captured the moment it is produced.
- Noise output: 76-80dB.
- Lean mass production.
- Wider workspace for multiple projects.
- Multiple consumables to expand finishing options.
- Minimal daily maintenance.

Optional:

- Mounted overhead LED light for improved precision.

Includes:

- Dust bag.
- 100mm Scouring band.
- Lamella wheel.

Technical Specifications:

- Single or three phase option. Stipulate your requirements when ordering.
- Single phase preferred use – orthotic laboratory.
- Three phase preferred use – industrial.
- 1500mm x 100mm x 40 grit scouring band (175mm diameter).
- Low speed, high torque motor.



Powered by  Standard Engineering

Code	Description
LM1008A	Strathclyde Grinder - Single Phase
LM1007A	Strathclyde Grinder - 3 Phase
LM1004	Grinding Machine Integrated Light
LM1192	Dust Bag - Fire Retardant
LM1193	Bag Frame
LM1191	Ortho Lamella Wheel - Small on Bayonet:10cm x 5cm
LA1271	Band Scourer - 40mm x 1500mm x 80Grit

Dimensions: W 560mm x D 750mm x H 1720mm

Weight: 200kg.

Voltage: 1 Phase (230V, 50Hz power supply).

Paint Finish: Stove dried silver/green hammer paint finish.

Aortha® Salford Grinding Machine

The Aortha Salford sanding and grinding machine has been uniquely designed for the manufacture of foot orthotics and insole adaptations.

The Salford has numerous elements that combine user friendly features and ergonomic design functionalities. It is equipped with a powerful internal dust extraction unit which removes waste instantly with minimal noise output.

The Aortha Salford is the machine of choice for your orthotic workshop.

Product Features & Benefits:

- Ergonomic.
- Enhanced structure with excellent working height stations for optimal comfort.
- User friendly.
- Easily interchangeable consumables.
- Powerful internal dust extraction system with integrated filter bag shaker to ensure a clean working environment is kept.
- Filter bag shaker allows the filter bag to be used to its maximum capacity therefore reducing running costs.
- Positioning of the extraction unit means that dust is captured the moment it is produced.
- Noise output: 76-80dB.
- Wider workspace for multiple projects.
- Minimal daily maintenance.
- Premium quality built components from the EU.
- Made in the UK.

Includes:

- Dust bag.
- 75mm Scouring band.
- 40mm Scouring band.

Technical Specifications:

- Single or three phase option. Stipulate your requirements when ordering.
- 1500mm x 75mm scouring band (175mm diameter).
- 1500mm x 40mm scouring band (175mm diameter).

Optional:

- Mounted integrated LED light for improved precision.

NEW


Powered by
Standard Engineering


Code	Description
LM1006A	Salford Grinder - Single Phase
LM1005A	Salford Grinder - 3 Phase
LM1004	Grinding Machine Integrated Light
LM1192	Dust Bag - Fire Retardant
LM1193	Bag Frame
LA1226	Band Scourer - 75mm x 1500mm x 24Grit
LA1287	Band Scourer - 75mm x 1500mm x 40Grit
LA1228	Band Scourer - 75mm x 1500mm x 60Grit
LA1202	Band Scourer - 40mm x 1500mm x 24Grit
LA1205	Band Scourer - 40mm x 1500mm x 40Grit
LA1206	Band Scourer - 40mm x 1500mm x 60Grit
LA1271	Band Scourer - 40mm x 1500mm x 80Grit

Dimensions: W560mm x D800mm x H1720mm.

Weight: 200kg.

Voltage: 1 Phase (230V, 50Hz power supply).

Paint Finish Stove dried silver/green hammer paint finish.

Aortha® Flo Form Bench

The Aortha Flo Form is the latest development in our attempt to give the user the option of a healthier working environment, at minimal additional cost. This working bench incorporates a quiet, discreet filter system specially designed to remove the heavy vapours from the adhesive application area.

This heavy, fume-filled air is drawn through a filter system, and clean air is returned into the atmosphere. There is no need for external extraction or tubing, the device is totally self-contained.

Product Features & Benefits:

- Work surface is adhesive resistant and so any that spills can be cleaned up with ease.
- Large shelf allows for more storage or alternatively, you can install our Aortha Benchtop Glue Activator in this location.
- Smaller storage units on the bench to store any components and other sundries.
- Takes fumes away from your work space for healthier working.

Large shelf allows for more storage or alternatively, you can install our Aortha Benchtop Glue Activator in this location (see page 504)



An example of some insoles with additions that have been glued together and are now drying on the work surface while fumes are extracted from the beneath



NEW



Workshop Efficiency Solution

Powered by Standard Engineering



Technical Specifications:

Dimensions: H1720mm x W500mm x D750mm.

Weight: 150kg.

Voltage: 1 Phase (240V, 50Hz power supply).

Paint Finish Stove dried silver/green hammer paint finish.

Code	Description
LM6003A	Aortha Flo Form Bench

Aortha® Benchtop Glue Activator

The Aortha Benchtop Glue Activator is a device designed to help dry and/or activate adhesive applied to various materials used in the shoe manufacture and orthotic sectors.

NEW

Product Features & Benefits:

- Low maintenance free.
- The machine will switch off after approximately 10 minutes if not in use to conserve energy.
- The black button on the front of the machine enables boost mode which allows you to set the timer between 1-20 seconds, during this time the light/heat produced is doubled.



An example of insoles being heated to dry the adhesive that was applied



Powered by  Standard Engineering

Technical Specifications:

Dimensions:	H 425mm x W 430mm x D 230mm.
Weight:	14kg.
Voltage:	240V.
Paint Finish	Stove dried silver/green hammer paint finish.

Code	Description
LM6001A	Aortha Benchtop Glue Activator

Dust Extraction Unit SPA 1200

- Raw air extraction device for (semi) stationary wood processing machines (observe country-specific regulations).
- Significantly reduces dust content.
- Filter material of dust class L.
- Quick change of the application location by means of table wheels and simple connection.
- Integrated grounding as protection from electrostatic charge.

Technical Specifications:

Dimensions:	D830mm x W450mm x H1600mm.
Maximum Vacuum:	1600 Pa/0.2 psi.
Maximum Volume Flow:	1 Phase (230V, 50Hz power supply)
Filter Surface:	1 m²/1550 sq.inch.
Hose Connection Ø:	100mm / 4 ".
Chip Bag Capacity:	65 l/17 gal.
Rated Input Power:	0.55 kW.
Weight:	22 kg/48.5 lbs.
Cable Length:	3m.

Code

LM1332



RSDE1 Portable Dust Extractor

Ideal if limited by budget or if a dedicated extractor is required for a single machine. If usage changes over time there are a wide range of accessories available to increase functionality.

The RSDE1 is a high filtration extractor designed to filter down to 0.5 microns to minimise the amount of harmful dust in the workshop. Particularly useful for fine dust producers such as saws or sanders. This is a compact but powerful machine ideal for workshops with limited space or budget.

Technical Specifications:

Filtration:	0.5 Micron.
Air Flow:	53L/second.
Capacity:	1 Phase (230V, 50Hz power supply).
Motor:	1 kW.
Weight:	11kg.
Size:	H620mm x W530mm x D360mm.

Code

LM1334



3 Phase Infrared Oven

This Infrared-oven is equipped with an optical temperature sensor, combining the enormous heating-power and a reliable temperature control.

Product Features & Benefits:

- Easy operation by central digital touch panel.
- Precise thermostat control by measuring the material temperature.
- Display shows the current temperature of the material.
- Timer feature.
- Ramp feature for slow heating processes (pre-preg processing).
- User-defined heating process memory.
- Graphic trend visualisation for heating process control.
- Optimised heat insulation of the oven housing.
- Suitable for flat plastics, blister-forming and pre-preg.
- Standard heating selection feature allows you to activate a smaller or larger area of the 18 infrared tubes for required coverage.
- Space saving sliding door for all ovens with roll about tray.
- Equipped with an external USB interface for program updates.
- Energy consumption can be reduced when heating smaller material pieces.

NEW



Temperature control:

- Digital PID controller, infinitely adjustable from 30°C to 250°C (display in °F available).
- SPS controller with 3.5" touch panel, showing the set and current temperature, timer and heating-ramp feature, multi language user interface. Software updates available via USB port.

Door mechanism: Space saving vertical movement, gas shock (2x) assisted, ball bearing guided, and double-pane viewing window.

Colour: Inside stainless steel, outside structural effect paint blue/light grey RAL 5017/7035.

Type: IR1302 - Infrared Oven for the O&P field including movable roll-about tray.

Code

LM1286

Technical Specifications:

Dimensions Outside:	W 1595mm x D 1180mm x H 1400mm.
Total Height with Door Opened:	1850mm.
Dimensions Inside:	W 1300mm - D 1090mm - H 500mm.
Roll-About Tray:	Independent, 4 locking castors, locking gas shock lift adjustment.
Effective Heating Range:	W1245mm x D1045mm.
Lift Range:	820mm - 1050mm.
Power Supply:	400V/50/60Hz/3 Phase/ (16 Amp. CEE) / total capacity 8.5kW.
Temperature Reading:	22 kg/48.5 lbs.
Temperature Reading:	Optocal IR-measuring unit Measuring of the material's surface temperature.
Illumination:	2 x 25 watts.
Footprint:	Approx. 1.5m² / oven housing movable on castors.
Weight:	Net: 290kg. Gross: 365kg (including crate).
Colour:	Inside stainless steel, outside structural effect paint blue/light grey RAL 5017/7035.



Infrared Dual Oven

Double your productivity in an instant. An oven which is instantly on, which needs no preheating time, and does not overheat and burn materials.

Product Features:

- Easy operation by central touch panel.
- Precise thermostat control by measuring the material temperature.
- Timer feature.
- Ramp feature for slow heating processes (e.g. Pre-Preg processing).
- User-defined heating process memory.
- Optimised heat insulation of the oven housing.
- A heated area of 2140mm x 1040 mm.
- Double thermostat controller.
- Removable divider.

Product Benefits:

- Allows you to process materials with different temperature requirements at the same time.
- Never burn your plastic again.
- Have absolute control over the surface temperature of the material.
- Allows you to heat larger material sheets.
- Two sheets of 1m x 1m or two blister-forming trays can be heated separately.
- Space saving sliding door for all ovens with roll about tray.

Type:

- IR2102 - dual - infrared oven for the O&P field including movable roll about tray.
- Unit with dual temperature control and removable dash panel. Suitable either for heating a single 2m x 1m or 2 sheets of 1m x 1m.

Footprint: approx. 3.1m²/oven housing movable on castors.

Temperature control:

- Digital PID-Controller, infinitely adjustable from 30°C to 250°C (display in °F available).
- SPS controller with 3.5" touch panel, showing set and current temperature, timer- and heating-ramp feature, multi language user interface. Software updates available via USB port.

Code

LM1287

NEW



Technical Specifications:

Dimensions Outside:	W 2400 mm x D 1240mm x H 1300mm.
Total Height with Door Opened:	1750mm.
Dimensions Inside:	W 2100mm x D 1090mm x H500mm.
Roll-about Tray:	Independent, 4 locking castors, locking gas shock lift adjustment - locks at any height, single-hand operation.
Heating Range:	W2040mm x D1040 mm.
Lift Range:	710mm - 940mm.
Power Supply:	400V / 50/60Hz / 3 Phase / (32Amp. CEE) / total capacity 12,9 kW Heating 28 Infrared-Quartz-tubes with refl ector Dual zone switching (2x 14).
Weight:	22 kg/48.5 lbs.
Temperature Reading:	Optical IR-measuring unit measuring of the material's surface temperature.

Fume Extraction Bench - FP Model

The FP bench takes fumes away from your work space by drawing them down through the work surface into the internal filters, returning clean air to the room.

Product Features:

- Heavy duty bench suitable for high volume fume extraction applications.
- 2mm steel panel construction.
- Powder coated grey after fabrication.
- 3mm perforated steel surface.
- Up to 150kg surface loading.
- Pressure gauge for filter condition monitoring.
- High volume carbon filters with over 50kg of carbon in a single bench.
- EU4 grade prefilters for protection of main carbon filters.
- 0.5m/s downdraught velocity.
- Top access to filters for rapid filter changes.

Dimensions: W1274mm x D677mm x H840mm.



Code

LM1581

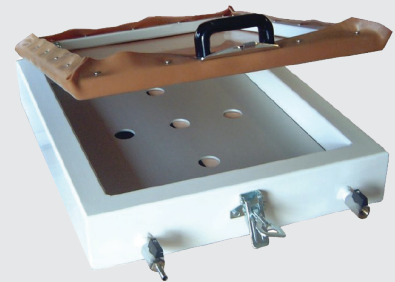
Vacuum Former 350 VP

Heavy-duty vacuum bed with high hinged lid and rubber diaphragm. Large enough to produce two full length casts.

Tubing sold separately.

External Dimensions: L 640mm x W 435mm x H 155mm.

Internal Dimensions: L 500mm x W 345mm x H 80 mm.



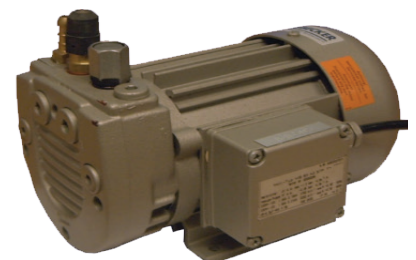
Code	Description	Size
LM1100A	Vacuum Former 350 VP	-
LM1120	Reinforced Tubing	1m
LA2300	Rubber Sheet	64cm x 51cm
LA2301	Rubber Sheet	128cm x 100cm

Vacuum Pump

Ready for simple connection to your vacuum former.

Product Features & Benefits:

- 100% Oilless operation.
- Quiet.
- Cool operation.
- Long vane life.
- Inlet filters included.
- Discharge silencers.
- Direct drive.
- Vacuum regulators included.



Code	Description	Download Speed
LM1110	Vacuum Pump VT4.4	5.5 Seconds
LM1112	Vacuum Pump VT4.8	2.2 Seconds
LM1114	Vacuum Pump VT4.10	1.8 Seconds

Bosch Heat Gun

The unit is intended for the forming and welding of plastic, removal of paint and warming of heat shrinkable tubing.

It is also suitable for soldering and tinning, loosening of adhesive joints and the defrosting of water lines.

Typically used in podiatry for working with heat mouldable foot orthotics.



Code

LM1228

Convection Oven 4300

This compact turbo oven with fan has been especially designed for use in the O&P market.

Product Features:

- 60L capacity (double the capacity of the industrial bench oven).
- Double ventilator.
- External and interior walls made from stainless steel.
- Glass front door.
- Complete with timer and thermostat.
- 2.5Kw. 230V/50Hz.

Internal Dimensions: W400mm x D400mm x H400mm.

External Dimensions: W500mm x D500mm x H480mm.



Code

LM1270

Industrial Bench Oven

Conventional heating oven with timer and thermostat. Ideal for basic orthotic manufacture. Thermostatically controlled temperature range is infinitely adjustable from 100°C to 250°C.

Product Features:

- 26L capacity.
- Top and bottom elements.
- Integrated timer.
- Advanced capillary action thermostat.

Internal dimensions: W360mm x D305mm x H225mm.

External dimensions: W465mm x D435mm x H275mm.



Bespoke Oven Design

We also supply large ovens (commonly used for spinal jackets) which incorporate 'forced air' and digital temperature reading.

These ovens can be manufactured to a bespoke size and quoted for individually.

Please contact us with your requirements, stating preferred oven dimensions and heating temperature.

Code

LM1200A

Contact us for further information at info@algeos.com or call 0151 448 1228.

Glue Activation Unit

Commonly used to speed up the drying process when adhesives are used for the manufacture of shoes, orthotics and insoles, from materials such as leather, rubber, EVA, PU etc.

The glue activation unit allows for quick heating of materials on two trays from both above and below.

The unit has 9 ultra fast 330W infrared tubes on three independently switchable levels.

It also has an integrated heating selection control and a 15 minute timer for greater heating control.

The housing of this unit is made from stainless steel and combines an attractive design with the robust requirements of a workshop.

NEW



Code
LM1505



Technical Specifications:

Heating:	3 x 3 Infrared-Quartz-tubes at 330W switchable on three levels.
Timer:	0 - 15 minutes.
Housing:	Stainless steel, inside and outside.
Accessories:	2 shelves as standard.
Power supply:	230V/50Hz/3- kW.
Dimensions Outside:	W 440 x D 260 x H 400mm.
Dimensions Inside:	W360mm x D240mm x H400mm.
Weight:	11 kg.

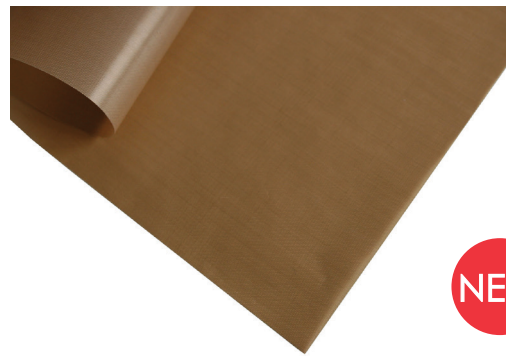
Teflon Release Liner

Premium release liner. Non-stick surface, reusable many times.

High quality fabric.

Sheet Size: 1500mm x 1000mm.

Code
TA2315



NEW

Amfit Complete CAD-CAM System

Be in complete control of your patients' orthotics (both accommodative and functional) from measurement and assessment to complete manufacture of the finished device.

Choose your preferred method of data capture: Contact Digitiser or Impress Scanner, and connect to your Amfit CAD-CAM Carving Mill, and you are off and running. No complex installation issues, no post-purchase add-ons, no fuss.

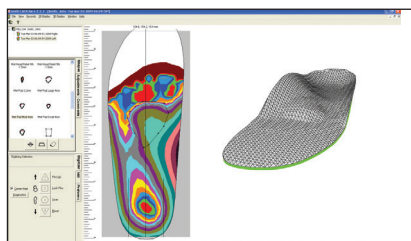
This one system can fabricate orthotics for almost every condition. All in less than an hour.

Amfit's Windows-based software gives you unprecedented flexibility to customise the digitised foot contour with precise, fast and repeatable results.

Product Features:

- Precision CAD-CAM carving mill.
- Monitor, keyboard and trackball.
- Amfit Correct and Confirm software (installed).
- No product calibration required.
- 2 year warranty.

Amfit's Correct and Confirm software allows near limitless design possibilities for perfect-fitting custom orthotics. Once the design is complete, you can send the digital file to the lab of your choice. With an on-site Amfit CAD-CAM mill you have nearly immediate results with in-lab fabrication.



Amfit Impress Scanner



Contact Digitiser



Code	Description
LM4350	Complete System with Digitiser
LM4355	Complete System with Impress Scanner



Contact Digitiser

The Amfit Contact Digitiser gives you the ability to create perfect-fitting foot orthotics for your customers. Amfit's Digitiser measures the entire plantar surface of the foot giving you precise data to make the best foot orthotics.

Offering the flexibility and portability to meet all the needs of both professionals and patients, the Digitiser is changing professional practices all over the world.

With Amfit's milling machine you have the ability to make orthotics in your facility or you can send the data to a lab of your choice.

Includes:

- Contact Digitiser.
- Dell notebook computer.
- Amfit Correct and Confirm software (installed).
- Custom travel case.

Code	Description
LM4350	Portable Digitiser



Amfit Impress Foam Scanner

The Impress Foam Scanner eliminates the need to create a plaster positive. No longer will you require a large workspace to pour the plaster and let it dry, nor will you need to clean up, modify or store the plaster positive.

The Impress Foam Scanner enables you to make scans that can be sent directly to the lab of your choice to manufacture the orthotics, or it can be used alongside the Amfit complete CAD-CAM system.

Using laser technology, the Impress Foam Scanner converts your right and left-foot foam impressions to 3D digital Amfit foot data files in about a minute. The included Windows-based Correct and Confirm software enables you to easily add modifications.

Code	Description
LM4353	Impress Foam Scanner



Amfit Digitiser Office

Includes:

- Contact Digitiser.
- Dell Optiplex Ultra Small PC.
- 26" Widescreen monitor & monitor tower.
- Digitiser floor stand.
- Correct & Confirm software (installed).

Code	Description
LM4351	Digitiser Office

Amfit Blanks

Blanks for the Amfit Precision CAD-CAM Carving Mill are available in a large number of sizes and densities.

Sold per Pack of 5 Pairs.

Mens

Code	Density	Shoe Size
OG6690	Soft	3 - 4
OG6692	Soft	5 - 6
OG6694	Soft	7 - 8
OG6696	Soft	8 - 9
OG6698	Soft	9 - 10
OG6700	Soft	10 - 11
OG6702	Soft	12 - 13
OG6704	Soft	14 - 15
OG6706	Soft	16 - 17
OG6708	Medium	3 - 4
OG6710	Medium	5 - 6
OG6712	Medium	7 - 8
OG6714	Medium	8 - 9
OG6716	Medium	9 - 10
OG6718	Medium	10 - 11
OG6720	Medium	12 - 13
OG6722	Medium	14 - 15
OG6724	Medium	16 - 17
OG6726	Firm	3 - 4
OG6728	Firm	5 - 6
OG6730	Firm	7 - 8
OG6732	Firm	8 - 9
OG6734	Firm	9 - 10
OG6736	Firm	10 - 11
OG6738	Firm	12 - 13
OG6740	Firm	14 - 15
OG6742	Firm	16 - 17
OG6744	Dual	3 - 4
OG6746	Dual	5 - 6
OG6748	Dual	7 - 8
OG6750	Dual	8 - 9
OG6752	Dual	9 - 10
OG6754	Dual	10 - 11
OG6756	Dual	12 - 13
OG6758	Dual	14 - 15
OG6760	Dual	16 - 17



Womens

Code	Density	Shoe Size
OG6848	Soft	5 - 6
OG6850	Soft	7 - 8
OG6852	Soft	8 - 9
OG6854	Soft	9 - 10
OG6856	Soft	11 - 12
OG6858	Medium	5 - 6
OG6860	Medium	7 - 8
OG6862	Medium	8 - 9
OG6864	Medium	9 - 10
OG6866	Medium	11 - 12
OG6868	Firm	5 - 6
OG6870	Firm	7 - 8
OG6872	Firm	8 - 9
OG6874	Firm	9 - 10
OG6876	Firm	11 - 12
OG6878	Dual	5 - 6
OG6880	Dual	7 - 8
OG6882	Dual	8 - 9
OG6884	Dual	9 - 10
OG6886	Dual	11 - 12

Lamella Wheels

Ideal for finishing EVA and softer materials.



Code	Size	Fitting
LM1050	100mm x 50mm	No Shaft - Podo 20/100
LM1052	100mm x 50mm	With Bayonet - Podo 20/100

Buffing Disc

For general buffing and polishing.



Code	Size	Fitting
LM1028	150 mmx 40mm	Shaft: 30mm
LM1063	200mm x 60mm	Shaft : 30mm
LM1032	200mm x 40mm	Shaft: 30mm

Horse Hair Polishing Wheel

Used for fine polishing and very light burnishing.



Code	Size	Fitting
LM1031	150mm x 40mm	Shaft: 30mm

Leather Polishing Wheel

Used for buffing up and polishing leathers.



Code	Size	Fitting
LM1030	170mm x 35mm	Shaft: 30mm

Conical Sanding Drum

- Ø 24/36 x 60mm.
- M16 fitting.



Code	Description	Diameter x Length
LM4218	M16	24/36 x 60mm

Conical Sanding Sleeves

Conical Sanding Sleeves for use with our Conical Sanding Drums.

- Two grits to choose from.



Code	Grit	Diameter x Length
LM4220	50 Grit	24/36 x 60mm
LM4222	150 Grit	24/36 x 60mm

Mini Sanding Drum Sleeve

Sanding sleeves made to specifically fit a small drum sander.



Code	Grit	Diameter x Length
LM4224	50 Grit	25mm x 100mm
LM4226	150 Grit	25mm x 100mm

Fine Finish Sanding Drum

The kit is excellent for sanding holes, edges, contours and irregular shapes.



Code	Description	Diameter x Length
LM4121	M16	60mm x 58mm
LM4130	M16	60mm x 100mm

Fine Finishing Sanding Drum Sleeves

Sanding sleeves for fine sanding to tight curves.



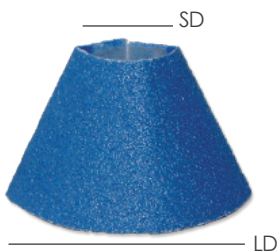
Code	Grit	Diameter x Length
LM4228	100 Grit	60mm x 58mm
LM4230	100 Grit	85mm x 58mm

Sanding Drum



Code	Material	Diameter x Length
LM4104	Rubber	72.5mm x 200mm

Abrasive Cones



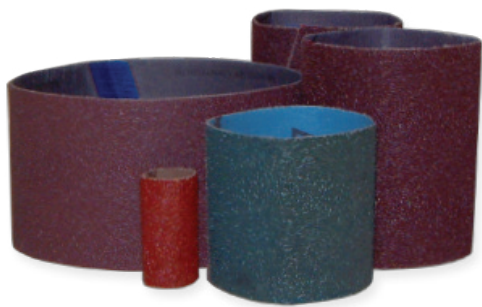
Code	LD x SD x Height	Grit
LA1208	50mm x 20mm x 40mm	60
LA1209	80mm x 38mm x 40mm	60
LA1535	62mm x 16mm x 30mm	60
LA1536	69mm x 40mm x 40mm	60
LA6216	36mm x 22mm x 60mm	50

Abrasive Finger Sleeves



Code	Description	Fits
LA1441	Small	LA1442
LA1443	Medium	LA1444
LA1445	Large - Round	LA1446

Sleeve Abrasives



Code	Width	Circumference	Grit
LA6211	200mm	70.0mm	40
LA6214	200mm	72.5mm	100
LA1358	190mm	235mm	40
LA1359	190mm	235mm	80
LA1361	190mm	235mm	100
LA1396	70mm	289mm	24
LA1397	70mm	289mm	80

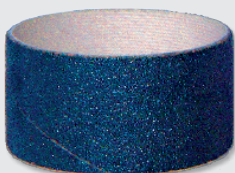
Sanding Belts



Code	Width	Circumference	Grit
LA1312	100mm	1390mm	60
LA1317	100mm	1390mm	24
LA1319	100mm	1390mm	80
LA1321	100mm	1390mm	40
LA1298	100mm	1480mm	24
LA1305	100mm	1480mm	60
LA1306	100mm	1480mm	100
LA1391	70mm	440mm	24
LA1392	70mm	440mm	80
LA1234	40mm	1480mm	24
LA1333	40mm	1480mm	60
LA1334	40mm	1480mm	80
LA1335	40mm	1480mm	40
LA1289	35mm	440mm	80
LA1291	35mm	440mm	24
LA1293	35mm	440mm	60

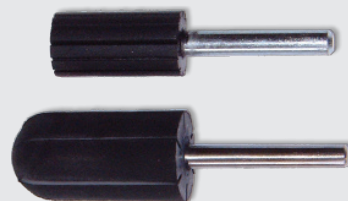
Spiraband

Abrasive Spirabands are excellent for grinding aluminium or steels.



Code	Width x Circumference	Grit
LA6242	45mm x 75mm	80
LA1533	30mm x 30mm	60
LA1534	22mm x 20mm	60

Abrasive Finger Sleeves



Code	Description	Size
LA1442	Small	D10mm x L20mm
LA1444	Medium	D15mm x L30mm
LA1446	Large - Round	D20mm x L40mm

Coneiak Polishing Arbors

Silicone grinding and polishing arbors work well with any thermoplastic material within the O&P industry. The uniquely designed arbors are currently available in four designs: grooved, tapered, ball nose, and slim.

Usage tips:

- Only use Coneiak Polishing Arbors on thermoplastic material - do not use on carbon materials.
- Use manufacturers recommended speed for type of material being polished (see the material polishing guide below).

Use the correct arbor for the intended procedure:

Ball Nose: used for basic grinding, polishing, and removal of large amount of material (for larger job applications).

Tapered - designed for polishing and grinding in smaller, tighter areas,

Grooved - used for grinding radiuses and establishing a radius on both sides of the material as you polish.

Slim - designed for polishing and grinding inner surfaces of small and tight radiuses.



Material Polishing Guide

Material	Machine Speed	Hand Speed	Hand Pressure
PPC	Low	Any	Light to Hard
Aortha Flex	High	Fast	Normal to Hard
Aortha Dynamic	High	Fast	Normal to hard
Polyethylene	High or Low	Any	Normal
Polypropylene	Low	Any	Normal
PE500 & PE1000	High	Slow	Light
Aortha Drape	Low	Slow	Light
TPE	High	Slow	Light
Low Temp Thermoplastic	Low	Slow	Light

Coneiaks

Sizing	Slim	Grooved	Tapered	Ball Nose
5/8"	LM1933	LM1936	LM1939	LM1942
M16	LM1934	LM1937	LM1940	LM1943
1/2"	LM1935	LM1938	LM1941	LM1944

Coneiak Full Set

Code	Coneiak Size
LM1930	5/8" Full Set
LM1931	M16 Full Set
LM1932	1/2" Full Set



Lining Pliers - Flat Nose

All purpose heavy duty pliers.

Code	Size
LA1883	19cm



Knipex Nipper Pliers

Heavy duty nippers - specially favoured by craftsmen due to precision workmanship.

Code	Size
LA1889	21cm



Knipex Hammer Pliers

Heavy duty - striking face for driving in nails.

Code	Size
LA1601	21cm



Lasting Pliers - Curved

Shoemakers Lasting Pliers manufactured from hot drop forged steel with box joint and carefully milled teeth.

Code	Size
LA3655	Curved & Broad



Hammer Folding Pliers

These multi-purpose strong and durable folding pliers are used in footwear manufacturing and working with leather.

Code	Size
LA1603	22cm



Aglet Pliers

Specialist tool for fixing aglets (lace ends) to laces.

Code	Size
LA3659	Aglet Pliers
LA3658	Aglets (500)



Ball & Ring Stretcher

For shoe stretching and modifications of leather and often used to raise a specific area of the shoe to relieve discomfort due to bunions.

Code	Size
LA1803	Adjustable Screw



Eye & Hook Pliers

Heavy duty eye & hook pliers for use with Algeos' dies.

Code	Size
LA4088	Heavy Duty



Left-handed Tailor Scissors

Handles are moulded directly onto the blades so they are permanently bonded. Comfortably used in both the left and right hand.

Code	Size
LA3599	20cm



Mundial Tailor Scissors

Containing Mundial's famous serra sharp blade design these scissors are nickel plated and have a micro-serrated lower blade and red handles.

They are supplied with a blade protecting sheath.

Code	Size
LA4600	20cm



Tailor Scissors Sharp Point

Professional tailor scissors - professional textile shear.

Will last for years.

Code	Size
LA3618	15cm



Leather Shears

Shears with knife edge and serrated blade for gripping leather.

Hardened for extra long life.

Code	Size
LA4602	20cm



Breasting Knife

Curved blade for working with shoe heels.

Code	Size
LA4082	58" x 3 1/2"



Shoe Knife

A general purpose shoe knife with stainless steel blade.

Code	Size
LA4086	4 1/4"



Paris Curve Clickers Knife

Long lasting curved knife, stays sharp and is excellent for intricate leather work.

Code	Size
LA4083	8cm

General Purpose Knives

High quality general purpose knives, damascus and razor steel are similar in terms of strength, but razor steel will keep its cutting edge longer.



Code	Description	Blade	Size
LA4001	Rosewood	Razor Steel	4"
LA4019	Rosewood	Razor Steel	4.5"
LA4013	Rosewood	Damascus Steel	4
LA4002	Beechwood	Damascus Steel	4"



English Paring Knife

Specialist tool for paring leather.

Code	Size
LA4084	22cm x 2.5cm



Paring Knife - Curved

Curved design allows for a controlled angle when paring leather.

Code	Size
LA4081	31cm x 2cm



Clickers Awl

Pierces leather, plastic and textiles with comfortable wooden handle.

Code	Size
LA3579	6cm



Awl Handles

Various handle designs to suit your usage requirements.

Code	Type
LA3590	Standard Awl
LA3592	Sewing Awl
LA3595	Awl Haft Screwed



Round Point Awl

Made from forged steel, these quality blades are used to make holes in leather.

Code	Size
LA3533	8cm



Curved Sewing Awl

Perfect for sewing and repairing heavy materials such as thick leather or canvas.

Code	Size
LA3536	8cm
LA3431	9cm



Saddlers Harness Awl

Code	Size
LA3537	5cm
LA3539	6cm
LA3581	7cm

Barnsley Clicker

Can hold either straight or curved blades.

Blades are sold per Pack of 12.



Code	Product Description
LA3545	Clicker Handle - Barnsley 2333
LA3541	Blades - Ext Straight - Bevel Point
LA3543	Blades - Ext Curve Point
LA3542	Blades - BUSM No 2 Curve Point



Steel Bristles

0.4mm Needles for specialist sewing.

Sold per Pack of 50.

Code	Size
LA1739	10cm



Improved Shoe Rasp

Rasps are double ended with rasp teeth on 1 side and file teeth on the other. Edges are single cut.

Code	Size
LA3540	22cm
LA4541	23cm
LA4542	25cm



Inside Shoe Rasp

Contoured shoe rasp for tasks requiring finesse, control, and no risk of tearout.

Code	Description
LA3564	Spoon Style



Tracing Wheel

Tracing wheel used to mark construction lines on leathers and fabrics.

Code	Size
LA3843	15cm



Die Beste Shears

Pressed steel handles, tapered blade, bolt and nut for aligning the blade.

Code	Description
LA4628	Straight



Eyelet Removal Pliers

For quick removal of eyelets.

Code	Size
LA1605	20cm



Rubber Hammer

Hammer with a toughened rubber head.

Use for shaping and general force without damaging surface area.

Code	Description
LA4099	Wooden



Rotary Punch Pliers

These revolving punch pliers offer 6 punches which are held on a locking taper solid steel drum.

The correct size punch can be selected by simply rotating the drum.

Code	Size
LA1180	4 1/4"



Revolving Punch Pliers with Spring

The Revolving Punch Pliers offer 6 punches. Fitted with optional spring for easy use.

Code	Description
LA1882	Rubber Handle

Deburring Tool and Blades

Deburring Tool used by engineers and technicians all over the world. Will remove sharp edges and burrs.

Suitable for steel, aluminium, plastics and some composites.

Blades are sold per Pack of 10.



Code	Description
LA2432	Deburring Tool 23cm
LA2434	Deburring Blades



Round Hole Punch

One piece forging with ground and polished tapered section.

Code	Size
LA3821	1mm
LA3823	2mm
LA3826	3mm
LA3828	4mm
LA3833	6mm
LA3832	8mm

Code	Size
LA3834	12mm
LA3835	14mm
LA3836	16mm
LA3838	18mm
LA3840	25mm
LA3842	30mm
LA3841	50mm



Slot Hole Punch

One piece forging with ground and polished tapered section.

Code	Size
LA4811	10mm x 2mm
LA4812	12mm x 2mm
LA4813	14mm x 3mm
LA4814	18mm x 3mm
LA4816	20mm x 3mm
LA4818	20mm x 4mm
LA4820	24mm x 4mm

Staple Gun - T50

The T50 all steel construction heavy-duty staple gun/tacker is made with a chrome finish and hardened working parts.

Staples are sold per Box of 1250.

Code	Description
LA8101	Staple Gun
LA2028	Staples 10mm
LA2029	Staples 12mm
LA8103	Staples 14mm





Kevlar Protective Gloves

Heat proof to 200°C.

Code	Size
LA1950	One Size



Crusader Gloves

Soft, flexible high quality gauntlet glove.

Code	Size
LA1937	One Size



Hot Glove

Contact heat up to 250°C. Double layered cotton for extra protection and durability.

Code	Size
LA1951	One Size



General Purpose Respirator Mask

Respirator is supplied with one dust cartridge, additional cartridges are sold separately.

Code	Description
LA1936	Respirator
LA1941	Cartridges (2)



Ear Defenders

A popular choice which offers good value and effective, economical protection.

Code	Size
LA1944	Universal Size



Safety Goggles

Safety goggles with elastic strap.

Code	Size
LA1931	One Size



Safety Glasses

Code	Size
LA1932	One Size



Utility Scissors

All-purpose shears with stainless steel blades that are excellent for cutting casts, bandages, tubing, and drapes.

Code	Size
NV0086	18cm



Lister Bandage Scissors

Bandage Scissors are shaped like standard scissors but specifically designed to help remove bandages.

Code	Size
LA3608	19cm



Lister Bandage Scissors

7" Inch (18cm) tungsten carbide. Tungsten carbide, 24 carat gold plated handles. Stainless steel.

Code	Size
NV0075	18cm



Straight Dressing Scissors

Best quality stainless steel.

Code	Size
NV0061	15cm



Plaster Cast Scissors

High quality professional plaster scissors that are notched and rust proof.

Code	Size
LA4618	22cm



Plaster Cast Shears

Stainless steel plaster shears with spring mechanism.

Code	Size
LA4609	22cm



Wire Brush

General use, wooden handled wire brush, this brush has 4 rows.

Code	Description
LA3650	Wire Brush



Lions Tongue

Fine black mesh used for cast modification.

Available in two grits.

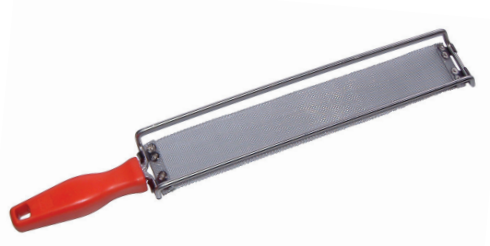
Code	Grit	Size
LA1231	120 Grit	280mm x 230mm
LA1279	180 Grit	250mm x 230mm



Indelible Writing Pencil

Used for marking casts. The lead writes as if it is ordinary graphite but it is indelible.

Code	Size
SF5245	7"



Rasps - One Wire 'Blade'

Used in the casting modification process.

Code	Type
LA3544	Flat Rasp 28cm
LA3546	Flat Replacement Blade
LA3548	Round Rasp 30cm
LA3549	Round Replacement Blade



Flat File with Rasp

Used in the casting modification process.

Replacement blades are sold separately.

Code	Type
LA3552	Flat File with Rasp
LA3558	Replacement Blade (44cm)



Surform Circular Rasp

Used in the casting modification process.

Replacement blades are sold separately.

Code	Type
LA3554	Circular Rasp (with Blade)
LA3555	Replacement Blade (44cm)



Surform Shaver

Used for smoothing in cast rectification.

Includes 1 blade.

Replacement blades sold separately.

Code	Type
LA3550	Shaver with Blade Holder
LA3551	Replacement Blade



Gefix POP Bandages

Premium grade POP bandages for casting. Specially treated plaster spreads uniformly.

Thick creamy texture when wet which allows for a smooth cast finish.

Code	Size	Rolls per Case
SF5208	7.5cm x 3m	80
SF5209	10cm x 3m	60
SF5211	15cm x 3m	40
SF5212	20cm x 3m	30
SF5218	15cm x 25m	1

Foot Impression Boxes

Used in large quantities throughout the orthotic industry, these phenolic foam boxes are a quick and easy to use tool to give impression of the patient's foot.

Usage tips:

- Patient places foot on foam and presses down, in a neutral or weight bearing position as required.
- Negative mould is then filled with Plaster of Paris for positive cast and rectified to suit.

The foam is fine and soft to prevent skin irritation.

Sold per Pack of 25 Boxes.

Code	Depth
SA0451	Standard (40mm)
SA0452	Deep (55mm)



X-Large Impression Boxes

X-Large foot impression box fits up to size 15 foot.

Sold per Pack of 6 Boxes.

Code	Depth
SA0453	Deep 55mm



Plaster of Paris

Fine Casting Plaster produced from naturally occurring gypsum. We currently supply this product in poly tubs.

Code	Size
LA4609	15kg Tub



Plaster Mixing Bowl

Ideal for mixing powdered fillers, plaster or adhesives. The bowl is very easy to clean.

Code	Size
LA2117	0.5L

Multicast POP Bandages

Multicast POP Bandages combine quick setting, high grade plaster with a conformable and stable interlocked weave.

The bandage has minimum plaster loss whilst the rich creamy texture allows easy handling.

Code	Size	Rolls per Case
SF5262	7.5cm x 2.7m	12
SF5264	10cm x 2.7m	12
SF5266	15cm x 2.7m	12
SF5268	20cm x 2.7m	12



SG600 Cast Saw

Oscillating Cast Saw. Ideal for cutting plaster and synthetic bandages.

Includes:

- 1 Set of wrenches.
- 1 50mm Saw blade.
- 1 65mm Saw blade.

Speed: 12,000 to 21,000 oscillations/min.

Noise level: 70 dB.

Weight: 1.8kg.



Code	Description
NV3410	SG600

SG500 One Hand Cast Saw

Lightweight one hand cast saw for easy one-handed use.

Includes:

- 1 Allen key.
- 1 50mm Saw blade.
- 1 65mm Saw blade.

Speed: 12,000 - 21,000 oscillations/min.

Noise level: 85 dB.

Weight: 1.1kg.



Code	Description
NV3418	SG500

SG520 One Hand Cast Saw

One hand cast saw with battery and charging unit.

Includes:

- 1 Battery.
- 1 Charging unit.
- 1 Allen key.
- 1 50mm Saw blade.
- 1 65mm Saw blade.

Speed: 15,500 - 21,000 oscillations/min.

Noise level: 85 dB.

Weight: 1.1kg.



Code	Description
NV3413	SG520

SG600 Complete Kit

Kit contains:

- SG600 Cast Saw.
- 240v Dust Extraction Unit.
- Unit handle.
- Cast Saw holder.

Code	Description
NV3411A	SG600 Kit

Replacement Blades (all Saws)

Code	Type
NV3430	Standard 50mm
NV3431	Heavy Duty 65mm





Double Sided Tape

High quality adhesive backed tape for use in the manufacture of appliances and footwear. Sold per 25m Rolls.

Code	Size
OF1012	12mm
OF1013	25mm
OF1016	60mm
OF1018	80mm
OF1009	100mm



Fabric Adhesive Tape

White adhesive tape with high adhesive force. Sold per 50m Rolls.

Code	Size
TK1416	6mm
TK1418	9mm
TK1420	12mm
TK1422	19mm
TK1424	50mm



PVA Adhesive Tape

Transparent soft PVC adhesive tape. Sold per 25m Rolls.

Code	Size
TK1408	0.10mm x 19mm
TK1410	0.10mm x 38mm
TK1414	0.15mm x 50mm



Foam Adhesive Tape

A high quality foam tape with adhesive. Sold per 10m Rolls.

Code	Size
TK1426	4mm x 15mm



Masking Tape

To cover nails and staples. Sold per 50m Rolls.

Code	Width
TK1428	19mm
TK1430	38mm



Masking Tape

General purpose masking tape that will give good adhesion to most surfaces. Sold per 50m Rolls.

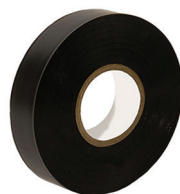
Code	Size
RA3105	25mm
RA3106	50mm



Filament Tape

Extra strong, general purpose tape reinforced with cross weave glass filaments. Sold per 50m Rolls.

Code	Width
RA3109	25mm



PVC Insulation Tape

Plasticised insulation tape with excellent conformability and high elongation at break. Sold per 25m Rolls.

Code	Colour	Size
RA3107	Black	19mm
RA3108	White	19mm



Vulkollan Tape

Toughened tape to reliably seal the PVA tubular film at the casting resin machine. Sold per 3.7m Rolls.

Code	Width
TK1538	10mm

NEW



Orthabond Contact Adhesive

Orthabond is a toluene free, high-performance contact adhesive. This one part polychloroprene adhesive has an excellent final bond strength and excellent temperature resistance.

Product Features & Benefits:

- Very high strength adhesive.
- Excellent temperature resistance.
- Toluene N-Hexane free for your safety.
- Excellent heat resistance for post-bond grinding/buffering.
- Passed independent SATRA test for being effective adhesive that bonds EVA materials strongly together.

For bonding: EVA, leather and hides, rubber, PORON, PU, plastics for prosthetics, cork, and textiles.



Code	Size
RA1282	1L
RA1280	5L
RA1283	19L

ActiGrip Neoprene Cement

ActiGrip Neoprene Cement is a high-performance Neoprene cement that provides a strong bond and has excellent initial strength. A versatile all-round performer with 'quick grab' bond.

Product Features & Benefits:

- Very high strength and bonds quickly.
- Bonds almost anything.
- Excellent heat resistance for post-bond grinding/buffering.
- ActiGrip can be used for footwear repairs/manufacture, orthotic and prosthetic appliance manufacture, and everyday use.
- Passed independent SATRA test for being effective adhesive that bonds EVA materials strongly together.

For bonding: EVA, leather and hides, rubber, PU, cork, PVC (hardened), PPC, and PE.



Code	Size
RA1278	1L
RA1276	5L

ActiGrip Extra

ActiGrip Extra has a very strong initial tack making ideal for efficient working and batch production processes. Commonly used for footwear production and large volume orthotic manufacturing runs.

Product Features & Benefits:

- Very strong initial tack - instantly forms a bond when brought into contact with another surface.
- Long open time for ease of working.
- Good heat resistance for strong reliable bonding.

For bonding: Leather & hides, rubber, EVA, PORON® PU, PE, plastics, cork, and textiles.

Code	Size
RA1279	1L
RA1277	5L



Orthagrip

Introducing Aortha OrthaGrip Rubber Solution, a versatile rubber solution adhesive ideal for working with rubber, leather, and textiles.

OrthaGrip is a natural rubber cement generally used for repairing and manufacturing shoes, leather goods, orthotics and prosthetic appliances. Excellent for use when linings and textile materials are being applied to stitched areas.

Product Features and Benefits:

- Suitable for use with rubber, greasy leathers, and textiles.
- Apply on one surface for temporary bonding and both sides for permanent bond.
- Produces a more flexible bond than neoprene adhesives.
- Very high initial strength and excellent heat resistance.

Code	Size
RA1290	1L
RA1289	5L



ActiThin Neoprene Thinner & Cleaner

ActiThin Neoprene Thinner & Cleaner is a quality universal thinner and cleaner with a high solvent content making it ideal for thinning neoprene adhesives and bonded components.

Product Features & Benefits:

- Removes bonding materials.
- Can also be used for cleaning tools, brushes, glue containers, and working areas.
- Promotes fast drying.
- Excellent for use with any all-purpose neoprene.
- Toluene free thinner also available: Orthazolve (formerly ActiThin TFS).
- Budget friendly.

Code	Size
RA1284	1L
RA1285	5L



OrthaZolve

Orthazolve is a high quality, toluene free thinner with a high solvent content making it ideal for thinning neoprene adhesives and bonded components.

Product Features & Benefits:

- Removes bonding materials.
- Can also be used for cleaning tools, brushes, glue containers, and working areas.
- Promotes faster drying.
- Excellent for use with any all-purpose neoprene.
- Budget friendly.

Code	Size
RA1287	1L
RA1288	5L



OrthaFix Spray Adhesive

Aortha OrthaFix is a versatile, heavy duty aerosol that will securely fix materials commonly used in the manufacture of orthotics, braces, insoles and orthopaedic devices.

Product Features & Benefits:

- Aortha OrthaFix Spray adhesive produces a cob-web spray pattern which provides a low soak in on porous or absorbent surfaces such as foam or fabric.
- Quick and easy to use.
- No mess.
- Budget friendly.
- Exclusively formulated as a powerful, yet flexible bonding system perfect for soft or pliable materials.

For bonding: EVA, Poron, Fabric top covers and felts which need to be bonded to each other or to hard surfaces such as plastic, carbon glass or firm rubbers.

Code	Size
RA1150	500ml



Aortha Silicone Lubricant Spray

Silicone Lubricant Spray, is a silicone based aerosol that is colourless, odourless, heat stable and non-toxic, making it safe for most surfaces and materials. It is widely used in orthotics and prosthetics for lubrication, waterproofing, adhesive prevention and stopping dust and dirt build-up created by static electricity.

Product Features & Benefits:

- Prevents textiles and materials from dragging and puckering.
- Friction and heat reduction in cutting and drilling.
- Mould release in injection moulding.
- Waterproofing fabrics, urethanes and prosthetic linings.
- Stops material adhesion to knives and other cutting tools.
- Safe for most surfaces.

Code	Size
QA3090	500ml



OrthaPrime

OrthaPrime is a one component primer that provides a perfect bond when working with rubber materials. OrthaPrime is commonly used to prepare rubber sole units and sheet rubber during the manufacture or repair of footwear.

Product Features & Benefits:

- Allows for perfect adhesion of commonly difficult to bond rubber materials.
- Excellent for use with any Aortha adhesives.
- Once applied to a material the halogenation process keeps the applied surface in an activated state ready for bonding.
- Budget friendly prices.

For bonding: Thermoplastic rubber, neoprene, and natural rubber.

Code	Size
RA1291	1L



OrthaPrime+

OrthaPrime+ is a one part component primer which is ideally suited for bonding polyurethane materials. OrthaPrime+ helps in the preparation of PU foams before the application of adhesives.

Product Features & Benefits:

- Modifies surface area of PU to allow for perfect adhesion which can be difficult due to porous nature of PU foams.
- Improves heat resistance to the specific adhesion of some materials.
- Improves the resistance to hydrolysis and the migration of greases and plasticisers.

Code	Size
RA1292	1L



DeZolve

DeZolve cleaning solution is an organic liquid compound used to dissolve contact adhesives.

Product Features & Benefits:

- Easy to use.
- No mess.
- Budget prices.
- No smearing or leftover adhesive film.

Applications:

- Leather, removing shoe soles, and adjusting other bonded footwear components.

Code	Size
RA1286	1L



Loctite 243 Threadlocker

Medium Strength. Works on all metals including chrome free platings.

Improved temperature resistance (+180 °C) and heat ageing.



Code	Size
RA3091	10ml
RA3092	50ml

Loctite 245 Threadlocker

Loctite 245 is designed for the locking and sealing of threaded fasteners which require normal disassembly with standard hand tools.

The product cures when confined in the absence of air between close fitting metal surfaces and prevents loosening and leakage from shock and vibration.



Code	Size
RA3094	50ml
RA3095	250ml

Loctite 770 Primer

Polyolefin Primer for use with Loctite 406. Enables PP, PE silicone rubber and PTFE to be bonded. Long on-part life, fluorescent under black UV light.



Code	Size
RA3088	10g
RA3089	300g

Loctite 424

General purpose. Suitable for bonding most plastics, elastomers (EPDM and SBR rubbers) and rubbers.



Code	Size
RA3096	20g

Loctite 406 Instant Adhesive

Rapid bonding of rubbers and elastomers. Fixes in seconds. Will also bond polyolefin's, such as polypropylene, when used with Loctite primer 770.



Code	Size
RA3085	50g

STP Oil Treatment

This high-viscosity formula is specially formulated to help fight metal-to-metal friction.

General lubricant used in joint fabrication.



Code	Size
RA3110	450ml

Renia Ortec

Specially designed adhesive for O&P work. Renia Ortec dries clear, stays flexible and is sweat and water resistant.

For bonding:

- EVA.
- PORON.
- Plastics.
- Polyethylenes.
- Leather and textiles.
- Some metals.

This top notch adhesive is also toluene free. Ortec has an open time of 10-60 minutes and can be reactivated when heated.

Code	Size
RA1182	1L
RA1183	5L
RA1193	30L



Renia Top-Fit

Renia Top-Fit is a strong and fast drying all-purpose polychloroprene contact cement. Designed for the fast paced world of modern shoe repair shops, this cement has an open assembly time of 7-40 minutes and can be reactivated with heat.

Perfect for quick shoe adaptations.

Can be used with all materials except PVC.



Code	Size
RA1295	0.85kg
RA1294	8kg



Renia Super-Fix Neoprene Cement

A polychloroprene contact adhesive for bonding shoes, orthotics and prosthetic appliances (except PVC). High tack, toluene free and fast bonding.

The dry adhesive film is very flexible and transparent.

For bonding: leather, rubber, EVA, and cork.



Code	Size
RA1293	5L



Renia Colle De Cologne

This all purpose neoprene cement is used for the repairing and manufacturing of shoes.

For bonding: Rubber, EVA, TR, felt, cork, and leather. The cement can even be bonded on plastified PVC (vinyl) and also used for PVC to PVC bonding.

If bonding PVC on PVC with this adhesive you will need 5-10% hardener. The open time for this cement is 5-40 minutes.



Code	Size
RA1181	1L
RA1185	4L



Renia Multi-Colle

This Renia cement has been developed specifically for repairing shoes in 'while-you-wait' shops. With an open time of 3-15 minutes the customer can walk home immediately after the repair.

The open time/drying time is the only difference between Colle De Cologne and Multi-Colle.

For bonding: EVA, TR, PU, PVC.

Multi-Colle has a very short drying time and tremendous initial strength.



Code	Size
RA1180	1L
RA1184	4L



Renia Gummilösung Rubber Solution

A natural rubber cement generally used for repairing and manufacturing shoes, leather goods, orthotics, and prosthetic appliances.

For bonding: Rubber, textiles, foams and leather.

Gummilösung has an open time of between 5-20 minutes, depending on the materials to be bonded.



Code	Size
RA1260	1L
RA1261	5L





Renia Syntic

A rapid universal vinyl cement that can be used to glue almost anything.

For bonding: leather, PU, rubber, EVA, felt, and cork

The open time for Syntic is 5-30 minutes.

Syntic can be dried with an infra red lamp (80°C for 3 minutes).



Code	Size
RA1202	1L
RA1203	5L



Renia Aquilim

Solvent free dispersion, particularly designed for bonding materials used in the shoe industry, prosthetics, and orthotics.

For bonding: PORON, leather, Rubber, PE, EVA, and cork. Drying can be done in an oven, with a heat gun, or using infrared. This is not totally necessary but makes drying faster.

The dry adhesive film is very flexible and transparent.



Code	Size
RA1167	0.5L
RA1168	3L

Renia Thinner

Thinner for working with all Renia adhesives.



Code	Size
RA1095	1L
RA1094	5L



Renia deSohl Cleaner

Generally used in the shoe and orthopaedic industry for cleaning leather, but can also be used for removing shoe soles.



Code	Size
RA1265	1L



Renia ProtoColle S (Thin)

Top quality super-glue with easy to use applicator for increased accuracy.



Code	Size
RA1141	20g
RA1140	50g



Renia Thixofix

Thixofix is a polychloroprene cement, specifically developed for bonding most materials used in the manufacture of footwear and orthopaedic appliances.

Free of toluene and MEK.



Code	Size
RA1157	0.65L



Renia Primer

Primer to prepare surfaces for bonding.

- Green label is for use on polyurethane surfaces.
- Yellow label is for use on rubber surfaces.
- Brush sold separately.

Size: 100ml.



Code	Type
RA1070	Primer PU (Green)
RA1069	Primer TR (Yellow)
RA1076	Brush for Primer



Renia ProtoColle Flexible

Renia ProtoColle Flexible Super Glue is a top-quality adhesive that bonds flexible and absorbent materials in seconds – without the need of an activator.

For bonding: Leather, PUR, EVA, and rubber.



NEW



Code	Size
QA3201	5L

TS Boy and Adhesive Brushes

For keeping small quantities of adhesive fresh without spoiling.

Brushes are not included and should be purchased separately.

Code	Description
PH1000	Mini Boy (0.4L)
PH1001	0.9L
PH1002	1.5L
PH1018	Large Brush (Pack of 10)
PH1019	Small Brush (Pack of 10)



Glue Gun

This handy and lightweight glue gun is ideal for sticking a variety of materials onto many types of surfaces.

Easy squeeze trigger action for smooth and even adhesive application.

- Fast flow.
- Long lever handle with clutch.
- Built-in drip tray.

Voltage: 240V.

Code	Description
RA1296	Glue Gun
RA1297	Glue Sticks



Acetone

Acetone is the standard of the industry for cleaning tools and brushes whilst working in polyester, vinyl and epoxy resins.

It is also the recommended solvent for removing greases and waxes from surfaces which are to be bonded, repaired or primed.



Code	Size
QA3201	5L



Acrylic Spray

High quality acrylic varnish.

For finishing prosthetic sockets and sealing transfers.

Size: 400ml.



Code	Colour
TK1692	Transparent
TK1694	Flesh



Kleb-Ex Label Remover

Sticky label remover.

Removes adhesive quickly without mess.



Code	Size
TK1698	200ml



CIL Release

Silicone based aerosol release agent and the industry standard for the release of epoxy, polyester resin, polyurethane and rubber compounds.

- Gives components a satin/dry finish.
- An excellent release for polyurethane elastomers and integral-skin PU foam.
- A versatile release for rubber compounds, such as NR, NBR, HNBR, and EPDM.

NEW



Code	Size
RA3044	500ml

Teflon Spray

Universal lubricant and release agent.



Code	Size
TK1696	200ml



Quick-Sil Silicone System

Quick-Sil is a silicone application system that uses a cartridge-loading gun to correctly distribute super-soft silicone. Utilising Shore A2 blue silicone, Quick-Sil provides a custom layer of skin compatible, visco-elastic silicone.

Product Features & Benefits:

- Sets in five minutes or less.
- Mixes automatically through static mixer.
- No waste - use only what you need and store the rest.
- Self-levelling, no grinding necessary.
- Water permeable for dispersal of moisture.

Applications:

- Create pressure relief areas in orthoses.
- Create forefoot prostheses and "bumpers".
- Protective pads in body jackets, splints, and other devices.

Kit contains:

- 2 50ml Cartridges.
- Mixing gun.
- 10 Static mixers.
- Quick-Prime kit.



Code	Size
OG2010	Quick-Sil Starter Kit - 50ml
OG2014	Silicone Shore A2 - 50ml (Pack of 5)
OG2015	Quick-Sil Primer (Pack of 2)
OG2017	Static Mixers - 50ml (Pack of 15)

Perlon Stockinette

Great when used with our Nyglass, our 100% Perlon provides an extra smooth appearance for final laminations.

It is compatible with all types of resins and good for everyday socket laminations with easy saturation and no ribs or runs.

275% Stretch.

White

Code	Width	Length
LB1024	40mm	45m
LB1026	60mm	27m
LB1028	80mm	21m
LB1030	100mm	37m
LB1032	120mm	34m
LB1034	150mm	27m
LB1036	200mm	20m
LB1038	250mm	13.5m
LB1040	300mm	11.1m

Beige

Code	Width	Length
LB1046	60mm	27m
LB1048	90mm	22m
LB1050	100mm	37m
LB1052	120mm	34m
LB1054	150mm	27m
LB1056	200mm	20m

Perlon Elastic Stockinette

Perlon Elastic Stockinette is made for laminates with high flexibility, good form adaptation, good attachment to matrix, smooth surface after laminating, extremely high flexibility for circumferential difference, and finely meshed.

Code	White	Beige
60mm	LB1106	LB1136
80mm	LB1108	LB1138
100mm	LB1110	LB1140
125mm	LB1112	LB1142
150mm	LB1114	LB1145
200mm	LB1120	LB1150



Flexa Stretch Nylon Stockinette

Flexa Stretch nylon is an excellent component for vacuum forming because it does not stick to thermoplastics. With its extra fine stitching, this unique fabric provides an extremely smooth appearance on final laminations and is compatible with all types of resins.

Code	Size	Length
LB1415	76mm	35m
LB1416	100mm	25m
LB1417	130mm	22m



This 100% nylon material stretches up to 300% without any ribs or runs

Tubular Cotton Stockinette

Elastic tubular bandage made of 100% cotton. A method for rapid and convenient dressing retention.

Conforms to the shape of the body, preventing wrinkles from forming under the cast.

Excellent liner underneath a cast or brace.

Supplied in 1kg and 0.5kg weights based on material width.

See item price list for details.



Code	White	Beige
25mm	LB1221	LB1241
50mm	LB1222	LB1242
60mm	LB1214	-
70mm	LB1223	-
80mm	LB1216	-
100mm	LB1224	-
120mm	LB1218	-
125mm	LB1225	-
150mm	LB1226	LB1246
180mm	LB1227	-
200mm	LB1228	-
250mm	LB1230	LB1250
300mm	LB1232	-
350mm	LB1234	LB1254
400mm	LB1236	-

Nyglass Stockinette

Combines the lightweight strength of fibreglass with the elasticity of nylon.

- Extremely cost effective.
- 65% fibreglass and 35% stretch nylon.
- Form fitting with 230% stretch.

Code	Width
TK1073	8cm
TK1074	12cm
TK1075	15cm
TK1076	20cm



Carbon Fibre Stockinette

Additional reinforcement for extreme strong and rigid laminates made of acrylic or epoxy resin.

The stockinette is crease-free and can be pulled over different sizes (see specifications in respect to the width when compressed and stretched).

Length: 10m Rolls.

Code	Compressed	Stretched
TK1442	15mm	50mm
TK1444	50mm	250mm
TK1446	80mm	320mm



Carbon Fibre Matting

Carbon Fibre is a strong, light synthetic fibre made by carbonising acrylic fibre. As well as prosthetics, carbon fibre is also used in aeroplanes and sports cars.

Used for thin laminates made of acrylic or epoxy resins, which require high stability and rigidity. Fibres stay together after cutting and do not fray. 200g/m,

Width: 1m.

Technical Specifications:

Characteristics	Nominal	Tolerance
Mass per Unit Area	193 gr/sqm	+/-5%
Weave	2/2 Twill	-
Standard Width	1000mm/1200	+/-2.5%
Laminate Thickness	0.20mm	+/-2.5%
Other Information	Loomstate	-

Nominal Construction	Warp	Weft
Fibre Description	HR Carbon Fibre 3K-200 tex	HR Carbon Fibre 3K-200 tex
Thread Count	4.84	0.8
Weight Distribution (gr/sqm) (%)	3K Carbon Fibre 96 50%	3K Carbon Fibre 96 50%

Note: Technical information is based on laboratory findings and believed to be correct. No warranties of any kind are made except that the materials supplied are of standard quality. All risk and liabilities arising from handling, storage, and use of products, as well as compliance with applicable legal restrictions, rests with the user.

Code	Size
TK1530	1m
TK1532	5m

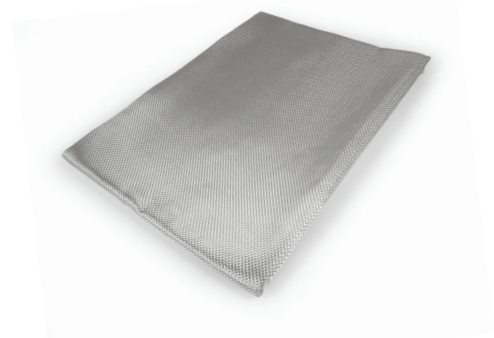


Kevlar Matting - 170g/m

Very lightweight yet very tough, offering high stability for hard laminates made of acrylic or epoxy resins. We recommend using special Kevlar scissors for cutting Kevlar materials.

Width: 1m.

Code	Size
TK1526	0.35mm x 1m
TK1528	0.35mm x 5m



Fibreglass Matting 200g/m

For hard laminates made of polyester, acrylic or epoxy resins. Plain weave.

Width: 1m.

Code	Size
TK1514	0.20mm x 1m
TK1516	0.20mm x 5m

Carbon Unidirectional Tape

For local reinforcements of high-strength and stiff laminates in fibre longitudinal direction.

Length: 10m Roll.

172g/m

Code	Size
TK1504	0.25mm x 30mm
TK1506	0.25mm x 40mm
TK1508	0.25mm x 50mm
TK1510	0.25mm x 60mm
TK1512	0.25mm x 80mm
TK1500	0.25mm x 100mm

375g/m

Code	Size
TK1496	0.30mm x 50mm
TK1498	0.30mm x 100mm



Dacron Felt

Build-up material for laminating. Helps to increase the strength of a material at the edges and helps fabrication of very smooth surfaces.

Allows easy sanding of appliance.

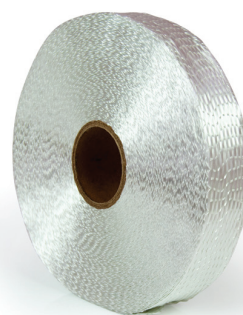
Sheet Size: Sold per M².

Code	Thickness
TK1476	Approximately 3mm

Fibreglass Unidirectional Tape - 600g

Length: 50m Roll.

Code	Size
TK1478	0.45mm x 30mm
TK1480	0.45mm x 40mm
TK1482	0.45mm x 50mm
TK1484	0.45mm x 60mm
TK1486	0.45mm x 70mm



Aortha PVA Bags

High quality PVA bags for prosthetic laminations.

Code	Size	Pack Size
TK1802	4" 10cm x 100cm	20
TK1804	6" 15cm x 100cm	20
TK1806	8" 20cm x 100cm	20
TK1808	10" 25cm x 100cm	20
TK1810	12" 30cm x 100cm	20
TK1812	14" 35cm x 100cm	20
TK1814	16" 40cm x 100cm	20

NEW



AstiTech OP® PU Rigid Foams

PU rigid foams with a wide range of applications in prosthetics and orthotics. Solutions for every application for the production of moulds and appliances with bulk densities of approximately 100-700Kg/m³.



Asti OP® H200 PU Foam

Foam for deep drawn models and cosmetic coverings in prosthesis construction. Density approx. 220Kg/m³, foaming factor approximately 5.0.

Mixing ratio: A:B = 100:100 parts by weight.

Code	Size
TK1556	4.6kg
TK1558	865g

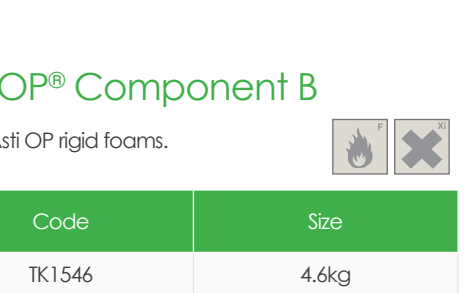


Asti OP® H500 PU Foam

Last foam for orthopaedic footwear. This material is nailable. Density approximately 540Kg/m³, foaming factor approximately 2.0.

Mixing ratio: A:B = 100:100 parts by weight.

Code	Size
TK1566	4.6kg
TK1568	865g



Asti OP® Component B

For all Asti OP rigid foams.



Code	Size
TK1546	4.6kg
TK1548	865g
TK1550	9.32kg



Asti OP® H300 PU Foam

Foam for deep drawn models and cosmetic coverings in prosthesis construction. Density approx. 320Kg/m³, foaming factor approximately 3.5.

Mixing ratio: A:B = 100:100 parts by weight.

Code	Size
TK1560	4.6kg
TK1562	865g



Asti OP® H700 PU Foam

Use for manufacturing very high mechanically stressed positive moulds and models, e.g. shoe lasts and tip additions. This material is nailable. Density approximately 640Kg/m³, foaming factor approximately 1.7.

Mixing ratio: A:B = 100:100 parts by weight.

Code	Size
TK1572	4.6kg
TK1574	865g



Proteor Keasy Liners

Seamless, lightweight liners ensure comfort and protection in a rigid laminated or thermoformed socket for patients with low activity level or for first fitting.

High quality alternative to the standard pe-life liner, Keasys allow for quick and simple modifications when required.

Keasy Liners are manufactured from a closed-cell foam to ensure appliance hygiene and easy cleaning. Keasy's regular thickness allows a vacuum thermoforming that perfectly takes on the cast.

- Short manufacturing time - just 5 minutes.
- Easy manufacture - can be reheated and re-shaped 4 or 5 times if required.
- Hygiene and comfort - closed cell material.
- Withstands friction, crushing and stretching.
- Durable comfort over time - long lasting.

NEW



Workshop
Efficiency Solution



Code	Manufactured Liner	Pack Size	Length	Proximal Diameter	Profile	Distal Thickness
PF1743	Trans-Tibial for Children	Pack of 12	305mm	110mm	5.0mm	8mm
PF1715	Trans-Tibial : Long and thin	Pack of 12	505mm	130mm	6.5mm	10mm
PF1719	Trans-Tibial : Short and medium	Pack of 16	400mm	160mm	6.5mm	10mm
PF1723	Trans-Tibial : Long	Pack of 12	500mm	180mm	6.5mm	15mm
PF1727	Trans-Tibial : XL	Pack of 9	510mm	195mm	6.5mm	10mm
PF1731	Trans-Femoral	Pack of 6	500mm	210mm	6.5mm	10mm
PF1735	Trans-Femoral : XL	Pack of 6	510mm	230mm	6.5mm	10mm

Acrylic Resins

High-quality laminating resins for processing glass and carbon fibres. Very good for bonding with metals, plastics and wood. The laminates are not thermally remouldable and have a very high heat distortion point. Slow curing with almost no shrinking. The mixing ratio has to be adhered exactly: To 100g resin add 20g hardener.



Acrylic Laminating Resin 80:20

Rigid Acrylic Resin. Transparent, thermoplastic and skin friendly. Can be mixed with all other acrylic resins.

Curing by means of approx. 1-3% hardener paste or hardener powder 50.

Code	Size
TK1208	900g
TK1210	4.6kg

Carbon Resin

Rigid Acrylic Casting Resin. Our carbon resin is about 10% thinner than Laminating Resin 80:20 and especially designed for the processing of carbon fibres.

Curing by means of approx. 1-3 % hardener paste or hardener powder 50.

Code	Size
TK1220	900g
TK1222	4.6kg



Plastic Acrylic Casting Resin

Can be mixed with all other acrylic resins.

Curing by means of approx. 1-3 % hardener paste or hardener powder 50.

Code	Size
TK1216	900g
TK1218	4.6kg



Acrylic Laminating & Sealing Resin

Rigid Acrylic Sealing Resin. Sealing is used for bonding acrylic, wooden and PUR-rigid foam parts, for sealing leather and for laminating very hard parts.

Curing by means of 1-3 % hardener paste or hardener powder 50.

Code	Size
TK1212	900g
TK1214	4.6kg



Araldit CY221

Rigid Epoxy Casting Resin. Mixable with Araldit OP.

Curing by HY956 5-hour hardener.

Code	Size
TK1228	1kg



Araldit OP Epoxy Resin

Rigid Epoxy Casting Resin. Mixable with Araldit CY221.

Curing by HY956 hardener and HY943 hardener.

Code	Size
TK1224	1kg
TK1226	5kg



Hardening Powder 50

50% based on benzyl peroxide. For curing of polyester and acrylic resins. Not suitable for fillers. Dosage according to the specifications on the resin/filler containers.

Code	Size
TK1256	0.5kg



HY956 Hardener

5 hour hardener for Araldit OP and Araldit CY221.

Code	Size
TK1230	1kg
TK1232	0.2kg



HY943 Hardener

2 hour hardener for Araldit OP.

Code	Size
TK1236	1kg
TK1234	0.2kg



Hardening Paste

For curing of polyester and acrylic resins and fillers.

Code	Size	Colour
TK1240	0.2kg	White
TK1242	0.5kg	White
TK1246	0.2kg	Red
TK1248	0.5kg	Red



Talcum Powder

For powdering models, resins etc.

Code	Size
TK1682	1kg



Micro Balloons

Very light filler material for resins, improves sanding properties and flexural strength.

Code	Size
TK1684	500g



Aerosil Thixotropic Agent

Thixotropy agent for thickening resins.

Code	Size
TK1686	500g



Thinner P for Polyester Resins

Thinner based on styrene, exclusively for diluting polyester resins and fillers. Use of a small amount, not more than 10%, otherwise difficulties of hardening may appear.

Code	Size
TK1270	1 Litre



2 Part Gypsum Release Agent TM 65/98

Release agent for silicone based adhesive.

Code	Size
TK1660	5kg



Gypsum Release Agent TM 69

Release agent for latex based adhesive.

Code	Size
TK1668	1 Litre



Gypsum Release Agent MO 70

General purpose release agent.

Code	Size
TK1672	1 Litre



PVA Film

Special separating film for casting resin technology.

Length: 30m Roll.

Code	Size
TK1276	0.08mm x 0.77m
TK1278	0.08mm x 1.00m
TK1282	0.10mm x 1.00m



Measuring Jug

Clear, sturdy measuring jug. Polypropylene material with blue coloured scale.

Code	Size
TK1702	1 Litre
TK1704	2 litre
TK1706	3 Litre
TK1708	5 Litre



Paraffin White Soft

White soft paraffin is also known as white petroleum jelly.

Code	Size
RA3121	500g
RA3120	4.5kg



Plastic Mixing Cups

For mixing.

Code	Size
TK1710	500ml - Pack of 38
TK1712	1 Litre - Pack of 31



Plastic Dispenser Bottle

Quality plastic spray tank designed for easy usage. Allow easy dispensing with just a squeeze of the bottle.

Code	Size
PH1008	100ml



KY Jelly

KY Jelly is a water-based, water-soluble lubricant.

Code	Size
RA3140	50ml
RA3141	75ml



Wooden Spatulas

For mixing resins, foams and casting compounds.

Sold per Pack of 100.

Code	Size
TK1714	15cm
TK1716	25cm
TK1718	30cm

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Terms & Conditions

Terms and Conditions of Sale; In these conditions "The Supplier" means A. Algeo Ltd.; "The Customer" means the person, department, firm, company or organisation who received The Suppliers goods or to whom The Suppliers quotation or invoice or acknowledgement of order is addressed; "Products" mean the products and/or services supplied by The Supplier to The Customer. The placing of an order with The Supplier shall constitute unqualified acceptance of these terms unless otherwise agreed in writing.

Please read these Terms carefully and make sure that you understand them, before ordering any products or services from us. Please note that by ordering from us, you agree to be bound by these Terms and the other documents expressly referred to in them.

We may amend these Terms from time to time as set out in clause 5. Every time you wish to order Products, please check our Terms on www.algeos.com to ensure you understand the Terms which will apply at that time.

1. Information about us

1.1 We operate the websites www.algeos.com and valleo.com We are A. Algeo Ltd, a company registered in England and Wales under company number 00437100 and with our registered office at Sheridan House, Bridge Industrial Estate, Liverpool L24 9HB.

1.2 To contact us, please see refer to our contact details on listed in the introduction of this catalogue.

2. Our Products

2.1 Any samples, drawings, descriptive matter or advertising produced by The Supplier and any descriptions or illustrations contained in The Suppliers catalogues/websites or brochures are produced for the sole purpose of giving an approximate idea of the goods described in them. They shall not form part of the Contract or have any contractual force. We reserve the right to amend the specification, construction and/or design without prior notice.

2.2 The packaging of the Products may vary from that shown on images in this catalogue and on our web site.

2.3 All Products shown in this catalogue and on our web site are subject to availability. We will inform you as soon as possible if the Product you have ordered is not available and offer you alternatives or advice on the expected delivery date.

3. How we use your personal information

3.1 We will only use your personal information with your clear consent and in accordance with current Data Protection guidelines and A. Algeo Ltd Privacy and Cookies Policy.

3.2 Please take the time to read this, as it includes important terms which apply to you once your consent is registered. In particular, we may collect and use the personal information you provide to us for the following purposes:

3.2.1 to process your order ("Order") including to supply the Products to you and process payments for the same;

3.2.2 to inform you about similar products or services that we provide, but you may stop receiving these at any time by contacting us;

3.2.3 to forward to credit reference agencies with prior agreement from you;

3.2.4 to confirm your order.

4. How the Contract is formed between you and us

4.1 By you (The Customer) placing an order and confirming such order as laid out in 3.2.4. through either our online service, contact by telephone, fax or email, and A. Algeo Ltd accepting your order.

4.2 We can refuse to offer a credit account if information supplied with application does not pass our credit control check.

4.3 We reserve the right to suspend or withdraw credit facilities for persistent late payments.

4.4 Credit facilities will be withdrawn if a customer does not deal with us for a period of 6 months – a fresh application must be made.

4.5 Promotional codes, coupons and discounts may not be combined or used in conjunction with any other offers, unless specified. We reserve the right to cancel or withdraw any orders submitted where incorrect promotional codes, coupons or discounts have been

applied.

5. Our right to vary these Terms

5.1 We may revise these Terms from time to time.

5.2 For the duration of your contract with us, as laid out in 4.1, current Terms and Conditions apply to the contract between you and us.

6. Your consumer right of return and refund

This clause 6 only applies if you are a consumer.

6.1 If you are a consumer, you have a legal right to cancel a contract under the Consumer Protection (Distance Selling Regulations) during the period set out below in 6.3. This means that during the relevant period if you change your mind or for any other reason you decide you do not want to keep a Product, you can notify us of your decision to cancel the contract and receive a refund. Advice about your legal right to cancel the contract under these Regulations is available from your local Citizens' Advice Bureau or Trading Standards office.

6.2 This cancellation right does not apply in the case of any made-to-measure or custom-made Products, or any part orders.

6.3 You have a period of seven working days in which you may cancel the Contract starting from the day after the day you receive the Products. Or where goods have been ordered, bespoke, to fulfil your order, 7 working days commences from the day after the day we accept your order. Working days means that Saturdays, Sundays or public holidays are not included in this period.

6.4 To cancel a contract, please contact us by sending an e-mail to info@www.algeos.com or by sending a letter to Sheridan House, Bridge Industrial Estate, Speke Hall Road, Liverpool, L24 9HB or by telephoning our Customer Services Team on 0151 448 1228 or fax us on 0151 448 1008.

6.5 You will receive a full refund of the price you paid for the Products and any applicable delivery charges you paid for. We will process the refund due to you as soon as possible and, in any case, within 30 calendar days of the day on which you gave us notice of cancellation as described in clause 6.3. If you returned the Products to us because they were faulty or mis-described, please see clause 6.6.

6.6 We have the right to investigate claims for refund because products are returned to us as faulty or mis-described. On conclusion and if applicable, we will then refund the price of a defective Product in full, any applicable delivery charges, and any reasonable costs you incur in returning the item to us.

6.7 We refund you via the payment method used to pay for your goods.

6.8 If the products were delivered to you:

6.8.1 you must return the products to us within 14 days of notifying us of the proposed return.

6.8.2 you are required to keep the Products in your possession and to take reasonable care of the Products while they are in your possession.

6.9 If goods returned for cancellation of Contract or for refund are not returned as per the causes 6.1 – 6.8 inclusive The Supplier reserves the right to charge a 15% restock fee.

7 Notice of Damage, Non-Delivery or Wrong Delivery

7.1 If, upon receipt, the goods appear damaged, incomplete or incorrect, The Customer should indicate the circumstances on the carrier's documents and notify our Customer Services Department of the situation no later than 5 days after delivery. Made to order and Non-stock products should be immediately inspected on arrival and any damage reported to Customer Services the same day. For notifications received later than this, we may charge a 15% restock fee.

7.2 If an order does not arrive on the expected delivery date, The Customer should notify our Customer Services Department within 21 days from the date of invoice, failing which the Company shall be under no liability for non-delivery, as detailed in 8.1.

7.3 Any surplus goods delivered shall remain the property of the Company and The Customer shall notify the Company immediately and take all responsible precautions for the safe custody and protection of such surplus goods until the time of their removal by the Company.

7.4 For all returns contact us. The Company will issue a Goods Returns Number and this must be clearly marked on the exterior of every package returned and a completed returns form enclosed with the goods. Returned goods must be suitably packaged, for transportation by carrier. Goods received without suitable packaging will not be credited. Even where the Company has made the error, full credit will only be given on returned goods that are fit for sale and of current lines. It is imperative that all Instruments & Podiatry Nippers and similar implements are sterilised and accompanied by a printed validation certificate for their batch. This also applies to any clinical equipment and machinery. Under no circumstances shall any goods be returned to the Company without prior consent therefore please contact us on 0151 448 1228 for a valid returns number, before sending your products back. If you do not obtain a valid returns number, liability is not accepted and we reserve the right to dispose of such items.

7.5 The Company is under no obligation to accept goods for return outside of 14 days' notice due to customer ordering errors i.e. surplus stock, unauthorised, contaminated, damaged on return, but where it agrees to do so a 15% handling charge will apply, and The Customer will arrange carriage and pay all freight charges. Where the customer has ordered bespoke items for example, laminated materials, made to measure, personalised or special orders unless goods are faulty – (see 7.1) returns in part or in full will be refused.

7.6 Refused Collections/Deliveries – We reserve the right to make a 15% handling charge on all consignments tendered for collection/delivery which are refused without justification.

Where goods are returned to us in similar circumstances afore mentioned,

- i) and re-delivery is requested we will charge for that re-delivery
- ii) and contact is not made within 7 days for re-delivery of cancellation, the original payment method will be refunded – not including the delivery cost and a 15% handling charge will be deducted

7.7 With prior consent (an authorised return see 7.4), only unused and complete goods may be returned. They must be undamaged current lines in their original packaging, displayed in our most recent catalogue or online and less than 12 months old. Goods not conforming to these criteria may not be accepted for credit. Made to Order and Non-stock products are non-refundable. (see examples at 7.5)

7.8 We do not accept for return any pharmaceutical, local anaesthetic or prescription only medicines unless by prior arrangement and the reason for return agreed in advance. This is because the products under the aforementioned categories are strictly controlled by temperature storage, timely deliveries and batch details. We reserve the right to refuse to credit and destroy products sent back outside of this agreement. Your consumer rights are not affected by these restrictions.

7.9 All items of furniture (as advised by A Algeo Ltd. and its representatives) are non – returnable This does not affect your consumer rights Where we agree to accept the return of furniture in exceptional circumstances agreed by Customer Service Manager and Quality Manager, all return costs will be paid by the customer. Costs will be at a minimum 1 hr labour service charge plus a per mileage cost. Per mileage cost is for 2-way travel returning to A. Algeo Ltd address and may include a supplement for more than 1 person if required for safe collection.

An 'overnight' cost for travelling time of more than 4 hours will be billed for as will any additional travel fees (tolls, ferry crossings etc) and specialist vehicle hire if required. It may be necessary to pay agreed collection costs in advance. We do not guarantee a specific collection date in advance.

7.10 Proof of goods returned to the company by The Customer (for refund) should be retained by The Customer.

8. Delivery

8.1 Any dates quoted for delivery are approximate only and whilst we will make every effort to meet with any customer deadlines, The Supplier shall not be liable for any delay in delivery of the goods or costs incurred.

8.2 Delivery is complete when products have been accepted by The Customer, unless point 7 applies.

8.3 The risk in the goods shall pass to The Customer on completion of delivery.

8.4 The title of the goods shall not pass to The Customer until we have received payment in full, including all applicable delivery charges.

9. Price of products and delivery charges

9.1 The prices of the Products and delivery charges will be as quoted on our websites and in our catalogues. However, if we discover an error in the price of Product(s) you ordered or delivery charges, we will contact you to inform you of this error and we will give you the option of continuing to purchase the Product at the correct price or to cancel your order. We will not process your order until we have your instructions. If we are unable to contact you using the contact details you provided during the order process, we will treat the order as cancelled and notify you in writing.

9.2 Prices for our Products may change from time to time, but changes will not affect any order which has already been accepted.

9.3 The price of a Product excludes VAT (where applicable) which shall be added to the price at the applicable current rate chargeable in the UK for the time being.

9.4 The price of a Product does not include delivery charges see 9.1.

9.5 We may invoice The Customer for the Goods on or at any time after completion of delivery.

9.6 The Customer shall pay the invoice in full and in cleared funds within 30 days from the invoice date.

9.7 All goods supplied to The Customer against the contract shall remain the sole and absolute property of A. Algeo Ltd. until paid in full and The Supplier shall retain the right to recover same goods together with other goods which have been the subject of previous contracts between The Customer and The Supplier in the event of The Customer not making full payment of A. Algeo Ltd. for the contract.

9.8 All claims for shortage must be notified to us within 5 days of receipt of goods.

9.9 We reserve the right to charge interest at 5% above the Bank of England's base rate for all overdue payments.

10. How to pay

10.1 We accept various payment methods including credit/debit cards or BACS. Please contact Customer Services on 0151 448 1228 for clarification if required. We reserve the right to withhold delivery until such time as we are satisfied that the payment received has cleared in the banking system.

11. Our warranty for the Products

11.1 We warrant that from the date of delivery, the goods shall: Conform (in all material aspects) with their description and any applicable specification or the specification. Be free from material defects in design, material and workmanship. Be of satisfactory quality (within the meaning of the Sale of Goods Act 1979). Be fit for any purpose held out by The Supplier.

Subject to clause 11.2 if The Customer gives notice to The Supplier (during the warranty period) within a reasonable time of discovery that some or all of the goods do not comply with the warranty set out in clause 11.1 The Supplier is given reasonable opportunity of examining such goods. The Customer (if asked to do so by The Supplier) returns such goods to The Suppliers place of business at The Customer cost The Supplier shall, at its option, repair or replace the defective goods, credit or refund the price of the defective goods in full including reasonable carriage costs. However, this warranty does not apply in the circumstances described in clause 11.2

11.2 The warranty in clause 11.1 does not apply to any defect in the Products, not already detailed pre-sale, arising from:

- fair wear and tear;
- wilful damage, abnormal storage or working conditions, accident, negligence by you or by any third party;
- if you fail to operate or use the Products in accordance with the user instructions or our recommendations any alteration or repair by you or by a third party who is not one of our authorised repairers; or any specification provided by you.

11.3 If you are a consumer, this warranty is in addition to your legal rights in relation to Products that are faulty or not as described.

12. Our liability if you are a business

This clause 12 only applies if you are a business customer.

12.1 If you give notice in writing to us during the relevant warranty period within a reasonable time of discovering that some or all of the Products do not comply with the warranty set out in clause 11; you give us a reasonable opportunity of examining such Products; and if asked to do so by us, you return such Products to us.

We may, at our option, repair or replace the defective Products, or refund the price of the defective Products in full by way of issuing a credit note. This is your sole remedy against us in relation to the supply of defective Products. (see 12.4).

12.2 Nothing in these Terms limit or exclude our liability for:

- death or personal injury caused by our negligence;
- fraud or fraudulent misrepresentation;
- breach of the Terms implied by section 12 of the Sale of Goods Act 1979 (title and quiet possession); or defective products under the Consumer Protection Act 1987.

12.3 Subject to clause 12.2, we will under no circumstances whatever be liable to you, whether in Contract, tort (including negligence), breach of statutory duty, or otherwise, arising under or in connection with the Contract for:

- any loss of profits, sales, business, or revenue;
- loss or corruption of data, information or software;
- loss of business opportunity;
- loss of anticipated savings;
- loss of goodwill; or
- any indirect or consequential loss.

12.4 Subject to clause 12.2 and clause 12.3, our total liability to you in respect of all other losses arising under or in connection with the Contract, whether in Contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Products.

12.5 Except as expressly stated in these Terms, we do not give any representation, warranties or undertakings in relation to the Products. Any representation, condition or warranty which might be implied or incorporated into these Terms by statute, common law or otherwise is excluded to the fullest extent permitted by law. In particular, we will not be responsible for ensuring that the Products are suitable for your purposes.

12.6 All items of furniture (as advised by A Algeo Ltd. and its representatives) are non – returnable Where we agree to accept the return of furniture in exceptional circumstances agreed by Customer Service Manager and Quality Manager, all return costs will be paid by the customer. Costs will be at a minimum 1 hr labour service charge plus a per mileage cost. Per mileage cost is for 2-way travel returning to A. Algeo Ltd UK address and may include a supplement for more than 1 person if required for safe collection. An 'overnight' cost for traveling time of more than 4 hours will be billed for as will any additional travel fees (tolls, ferry crossings etc) and specialist vehicle hire if required. It may be necessary to pay agreed collection costs in advance. We do not guarantee a specific collection date in advance.

13. Our liability if you are a consumer

This clause 13 only applies if you are a consumer.

13.1 If we fail to comply with these Terms, we are responsible for loss or damage you suffer that is a foreseeable result of our

breach of these Terms or our negligence, but we are not responsible for any loss or damage that is not foreseeable. Loss or damage is foreseeable if they were an obvious consequence of our breach or if they were contemplated by you and us at the time we entered into the Contract. Our total liability to you in respect of all other losses arising under or in connection with the Contract, whether in Contract, tort (including negligence), breach of statutory duty, or otherwise, shall in no circumstances exceed the price of the Products.

13.2 We only supply the Products for domestic and private use. You agree not to use the product for any commercial, business or re-sale purposes, and we have no liability to you for any loss of profit, loss of business, business interruption, or loss of business opportunity.

13.3 We do not in any way exclude or limit our liability for:

- death or personal injury caused by our negligence;
- fraud or fraudulent misrepresentation;
- any breach of the Terms implied by section 12 of the Sale of Goods Act 1979 (title and quiet possession);
- any breach of the Terms implied by section 13 to 15 of the Sale of Goods Act 1979 (description, satisfactory quality, fitness for purpose and samples); and defective products under - -the Consumer Protection Act 1987.

14. Force Majeure

14.1 Neither party shall be liable for any failure or delay in performing its obligations under the Contract to the extent that such failure or delay is caused by a Force Majeure event. A Force Majeure Event means any event beyond a party's reasonable control, which by its nature could not have been foreseen, or, if it could have been foreseen, was unavoidable, including strikes, lock-outs or other industrial disputes (whether involving its own workforce or a third party's), failure of energy sources or transport network, acts of god, war, terrorism, riot, civil commotion, interference by civil or military authorities, national or international calamity, armed conflict, malicious damage, breakdown of plant or machinery, nuclear, chemical or biological contamination, sonic boom, explosions, collapse of building structures, fires, floods, storms, earthquakes, loss at sea, epidemics or similar events, natural disasters or extreme adverse weather conditions or default of suppliers or subcontractors.

15. Other important terms

15.1 The Supplier may at any time assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract.

15.2 The Customer may not assign, transfer, charge, subcontract or deal in any other manner with all or any of its rights or obligations under the Contract without prior written consent of The Supplier.

15.3 If we fail to insist that you perform any of your obligations under these Terms, or if we do not enforce our rights against you, or if we delay in doing so, that will not mean that we have waived our rights against you and will not mean that you do not have to comply with those obligations. If we do waive a default by you, we will only do so in writing, and that will not mean that we will automatically waive any later default by you.

15.4 If you are a consumer, please note that these Terms are governed by English law. This means a Contract for the purchase of Products through our sites and any dispute or claim arising out of or in connection with it will be governed by English law. You and we both agree to that the courts of England and Wales will have non-exclusive jurisdiction. However, if you are a resident of Scotland, you may also bring proceedings in Scotland.

15.5 If you are a business, a Contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.

15.6 If you are a business, we both irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with a Contract or its subject matter or formation (including non-contractual disputes or claims).



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