

# O & P, PEDORTHIC, CHIROPODY & PODIATRIC MATERIALS



## BKF LAMINATION NV-RESIN 80:20 • (BKF 80:20 HARZ NV)

### SPECIFICATIONS:

Rigid Acrylic Casting Resin. Transparent & thermoplastic can be mixed with all other BKF acrylic-NV-resins. Curing by means of approx. 1-3 % hardener powder 50 (product 200571). The quantity of the curing agent affects the curing time.

**200563** (900 g)

**200564** (4.6 kg)

## BKF SEALING NV-RESIN • (BKF S-HARZ NV)

### SPECIFICATIONS:

Rigid Acrylic Sealing Resin. BKF Sealing is used for bonding acrylic, wooden and PUR-rigid foam parts, for sealing leather and laminating very hard parts. Can be mixed with all other BKF acrylic-NV-resins. Curing by means of 1-3 % hardener powder 50, (product 200571). The quantity of the curing agent affects the curing time.

**200568** (4.6 kg)

## BKF EPOXY CARBON RESIN • (BKF EPOXCARBON)

### SPECIFICATIONS:

BKF-EpoxyCarbon resin is used for making carbon-fiber-reinforced parts. Excellent bonding with carbon-and-glass-fiber (no delamination), most metals, plastics and wood. Also due to the low Bisphenol-A-content less skin irritation than with other epoxy resins. The density is 1,05 g/cm<sup>3</sup>. Curing by means of 1-3 % hardener powder 50, (product 200571). The quantity of the curing agent affects the curing time.

**200572** (900 g)

## HARDENER POWDER 50 REFILL • (HÄRTERPULVER 50)

### SPECIFICATIONS:

50% based on benzyl peroxide. For curing of acrylic resins and BKF-Epoxy-Carbon resins. Dosage according to the specifications on the resin / filler containers.

**200571** (150 g)



## RELEASE AGENT COMPONENT #1 65/98 • (TRENMMITTEL 65/98)

### SPECIFICATIONS:

A two component separation agent that creates a silicone rubber lining. Linking (curing) by addition of 15% linker V51. Grows a 0.15 - 0.30 mm thick skin which also seals dump gypsums. TM 65/98 is factory-set in such a way that the forms can be both stirred up and painted.

Shake well or stir up before usage.

**200585** (1 kg)

*\* This product is also available in the 5 kg format. Please contact your sales representative for more information.*

## LINKER V51 COMPONENT #2 • (FOR RELEASE AGENT #1 65/98)

### SPECIFICATIONS:

Linker for TM 65/98. TM 65/98 is after addition of 15% Linker V51 and after approx. 45 mins. non-adhesive. Linking is sped up by heat supply. The processing time can be extended by a low dose (approx. 10%).

**200586** (150 g)

*\* This product is also available in the 750 g format. Please contact your sales representative for more information.*



# FABRICATION MATERIALS | COLOUR ADDITIVES, FILLER MATERIAL & ACCESSORIES

## UNIVERSAL COLOUR ADDITIVE • (UNIVERSAL FARBZUSATZ)

**SPECIFICATIONS:** Suitable for resins and PUR-foams, paste. Use it sparingly!



200 g Black (Schwarz)  
**200575**



200 g White (Weiß)  
**200576**



**ASTI-OP PUR FOAM 200 - 700 COMPONENT A • (ASTI-OP® 200 - 700)**  
 ASTI-OP PUR FOAM 200 COMPONENT A • (ASTI-OP® 200)

**SPECIFICATIONS:**

Mould construction foam for deep-drawn models, to manufacture cosmetic coverings in prosthesis construction, etc., density approx. 220 kg/m<sup>3</sup>, foaming factor approx. 5.0. Mixing ratio A:B=100:100 parts by weight.

**200580** (4.6 kg)



**200580**

**200581**

**ASTI-OP PUR FOAM 300 COMPONENT A • (ASTI-OP® 300)**

**SPECIFICATIONS:**

Mould construction foam for deep-drawn models, to manufacture cosmetic coverings in prosthesis construction, etc., density approx. 320 kg/m<sup>3</sup>, foaming factor approx. 3.5. Mixing ratio A:B=100:100 parts by weight.

**200581** (4.6 kg)



**200582**

**200583**

**ASTI-OP PUR FOAM 500 COMPONENT A • (ASTI-OP® 500)**

**SPECIFICATIONS:**

Last foam, the best-selling adjustment foam for orthopaedic footwear. Nailable, density approx. 540 kg/m<sup>3</sup>, foaming factor approx. 2.0. Mixing ratio A:B=100:100 parts by weight.

**200582** (4.6 kg)

**ASTI-OP PUR FOAM 700 COMPONENT A • (ASTI-OP® 700)**

**SPECIFICATIONS:**

Used for the manufacture of very high mechanically stressed positive moulds and models, e.g., shoe lasts and tip additions. Nailable, density approx. 640 kg/m<sup>3</sup>. Foaming factor approx. 1.4. Mixing ratio A:B=100:100 parts by weight.

**200583** (4.6 kg)



**200584**

**ASTI-OP PUR FOAM COMPONENT B • (ASTI-B)**

(for all ASTI-OP® rigid foams) Mixing ratio A:B=100:100 parts by weight.

**200584** (4.6 kg)

**BKF MOULDING SILICONE - 2 COMPONENT (COMP. A + B 20 OR B 45)**

**SPECIFICATIONS:**

Kneadable two-component silicone with individually adjustable Shore A hardness. The simultaneous use of both B Components in any ratio creates vulcanization between 20° C and 45° C Shore A. Can be ground and polished. Physiologically safe, can therefore be processed directly on the skin. Do preliminary tests to check for compatibility with other materials. For the manufacture of toe joint compensation and corrections, individual orthoses, padding, small forms and models, and much more. Mixing ratio: A:B=100:100 parts by weight.

BKF MOULDING SILICONE - COMP. B 20 soft 300 g + Component A

**200587**

BKF MOULDING SILICONE - COMP. B 45 firm 300 g + Component A

**200588**

\* Sold as a kit



**PRODUCT FEATURES:**

- Can be directly processed on skin
- Each component A and B are sold as set
- Component B is available as B20 with 20° Shore A (soft) and B45 with 45° Shore A (rigid)
- Store tightly closed container in a cool, dry and dark place

**PROCESSING INFORMATION:**

- Weigh components A and B accurately
- Knead the components quickly to a ball with homogenous colour within the indicated mixing time. Press the material flat repeatedly, place it on top and knead it again.
- The following materials interfere the curing: heavy metals (also personal jewellery such as rings/ watch...), amines, sulphur (derivatives), catalysts of laminating resin, rubber and latex (e.g. gloves), powder-free nitril gloves can be used
- Ensure maximum cleanliness during processing, deposit material only on chemically neutral surfaces (plasticfilm or glass/ plastic sheet)
- Close the container tightly after use and do not interchange caps

**SAFETY NOTES:**

After mixing the 2 components the reaction starts but silicone does not heat up and so gives off no vapors and therefore no hazardous fumes. There is however a risk that some people may have a skin reaction to silicone. IT IS THEREFORE ADVISED TO WEAR VINYL GLOVES AS LATEX GLOVES DO NOT PREVENT THE SILICONE FROM SEEPING THROUGH. Glasses are also advised. Read the notices on the container, or refer to MSDS sheet.



**200587**  
(Includes A)

**200588**  
(Includes A)

Comp. A with	B 20	B 45
Mixing time	30 s	30 s
Processing time (incl. mixing time)	1-3 min	1-2 min
Demoulding after	5-6 min	4-5 min
Wait until initial mechanical processing	>30 min	>30 min
Shore A after 60 min	18-22° (soft)	38-42° (rigid)
Mixing ration A:B	1:1 weight proportion	1:1 weight proportion

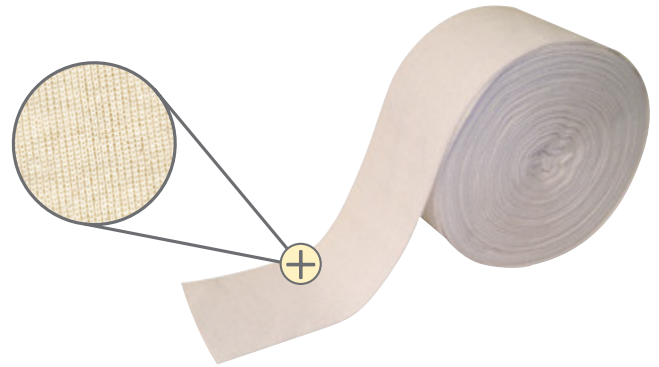
## COTTON STOCKINETTES

**USES:** Provides skin protection for lining plaster or fiberglass casts.

**SPECIFICATIONS:**

- 25 yard roll
- Available in 1", 6", 8", 10", and 12" widths

- 2SC2** 2" (25 yard roll)
- 2SC3** 3" (25 yard roll)
- 2SC4** 4" (25 yard roll)



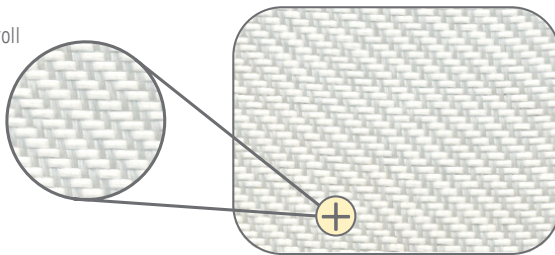
## FIBERGLASS CLOTH TWILL

**USES:** Used as reinforcing material in laminations.

**SPECIFICATIONS:**

- Dimensions: 96.5 cm x 91.4 cm, 38" x 36"
- Weight: 8.7 oz / square yard
- Weave: Twill
- 3K Tow
- 125 yards / roll

**2FC**



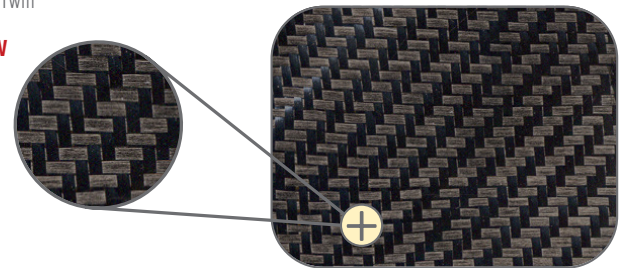
## CARBON FIBER CLOTH TWILL

**USES:** Used as reinforcing material in laminations.

**SPECIFICATIONS:**

- Dimensions: 1.27 m x 91.4 cm, 50" x 36"
- Weight: 6.2oz / square yard
- Weave: Twill
- 3K Tow

**2CC3KTW**



## PVA LAMINATION BAGS

**USES:** PVA bags for lamination with Beil or similar lamination resins.

**SPECIFICATIONS:**

- Quality polyvinyl alcohol
- Durable and consistent seam

**2PVAS4** 10.2 cm, 4" PVA SLEEVE (20 per package)

**2PVAS6** 15.2 cm, 6" PVA SLEEVE (20 per package)

**2PVAS8** 20.3 cm, 8" PVA SLEEVE (20 per package)

- Tapered design allows ease of application

- Packaged in opaque plastic to prevent moisture and UV deterioration

**2PVAS10** 25.4 cm, 10" PVA SLEEVE (20 per package)

**2PVAS12** 30.5 cm, 12" PVA SLEEVE (20 per package)

**2PVAS16** 40.6 cm, 16" PVA SLEEVE (20 per package)



# PROSTHETICS & ORTHOPAEDICS | GELS, PADS & SHEETING

## PARTIAL FOOT SOCK • REGULAR & EXTRA LONG

Made of 2-ply Polyester / Spandex material knitted specifically to provide a completely smooth surface on the inside of the sock and lined with Silipos® polymer gel at its distal end (2 mm), the Partial Foot Sock is designed to provide maximum comfort and protection to partial foot amputees. The polymer gel releases a medical grade mineral oil to moisturize, soften, cushion, and protect transmetatarsal amputations from pressure and shearing. The sock also helps prevent skin breakdown.

- For use with transmetatarsal amputees
- CoolMax® material provides elasticity, comfort, and breathability
- May be used with foot orthoses or shoes with fillers
- Made with soft gel that moisturizes and conditions the skin & also covers site of amputation
- Washable and reusable
- Packaged in a polybag

**PARTIAL FOOT SOCK**

ITEM NO.	SIZE	PLY	GEL
<b>200534</b>	Regular	2	2 mm
<b>200535</b>	X - Long	2	2 mm



## DISTAL END PAD • ONE SIZE

Protects the residual limb against shear forces, friction, and pressure. Made entirely of Silipos® mineral oil based gel this product is designed for use with an above or below knee prosthesis to provide additional comfort and shock absorption. It is cost effective, lightweight, and measures approx. 1/8in (3 mm) thick and is approx. 4in (10 mm) in diameter. The circumferential edge is carefully tapered for exceptional user comfort. The gel pad is shaped to fit easily in between different sheeting materials and leather.

- Provides extra protection for shock and abrasion at the distal end
- Aids in enhancing socket fit for limbs undergoing changes in volume or mass
- Can be cut to size
- Made with soft gel that moisturizes and conditions the skin
- Washable and reusable
- Packaged in a polybag

**DISTAL END PAD**

ITEM NO.	SIZE	DIAMETER	GEL
<b>200539</b>	ONE SIZE	10 cm, 4"	3 mm



## PROSTHETICS & ORTHOPAEDICS • SOFT SHEER GEL SHEETING

The Soft Sheer Gel Sheeting is a versatile skin protection system. It is ideal for the relief of pressure points on the foot, arm and elbow. It is also excellent for the prevention of bed sores and can be used to provide extra cushioning for wheelchairs. The gel sheet is available in three sizes with your choice of fabric on one side, and gel on the opposite side or fabric lining on both sides of the gel layer. The benefit for having the gel against the skin is to allow the Silipos® mineral oil gel to soften and condition the skin.

- 3 mm layer of mineral oil gel lined with fabric on one side or lined on both sides
- Fabric top cover provides excellent stretch properties
- Fabric side can be glued to braces or other materials
- Relieves pressure and shear forces
- Lined with soft mineral gel that moisturizes and conditions the skin
- Shrink-wrapped package with backerboard



### SOFT SHEER GEL SHEETING • FABRIC LINED ONE SIDE

20cm x 20cm, 8" x 8" - 1/Pk.

**200551** (3 mm)

### SOFT SHEER GEL SHEETING • FABRIC LINED BOTH SIDES

40.5 cm x 51 cm, 16" x 20" - 1/Pk.

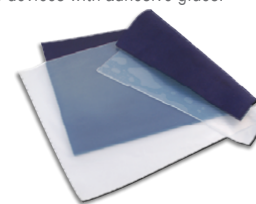
**200556** (3 mm)



## PROSTHETICS & ORTHOPAEDICS • WONDERFLEX SILICONE SHEETING

WonderFlex Silicone sheeting is ideal for cushioning orthotic / prosthetic from shock and shear forces. WonderFlex can also be laminated to orthotic devices with adhesive glues.

- Silicone sheeting is available in multiple thicknesses and in lined or unlined versions
- Made with soft mineral gel that moisturizes and conditions the skin
- Washable and reusable
- Shrink-wrapped package with backerboard



### WONDERFLEX SILICONE SHEETING • UNLINED

30.5 cm x 40.5 cm, 12" x 16" - 1/Pk.

**200558** (3 mm)

## PROSTHETICS & ORTHOPAEDICS • BODY DISCS

These pads are ideal for their universal use in various applications for cushioning, protection and absorption of shear and frictional forces. Made of Silipos® proprietary mineral oil gel, these discs can be used to moisturize and condition dry skin. They can be placed in different types of footwear such as: athletic shoes, boots, in-line skates and ski boots and can be held in place by gauze bandage or any wrap. Ideal for pitchers to protect from foot drag and for skaters for Malleolar protection.

- Multi-purpose discs of mineral oil gel
- Apply to parts of the body suffering from discomfort caused by pressure and friction
- Can be trimmed with scissors to customized size
- Made of mineral oil gel that moisturizes and conditions the skin
- Washable and reusable
- Packaged in a polybag



### BODY DISCS

6.3 cm, 2.5" in diameter - 2/Pk.      10 cm, 4" in diameter - 2/Pk.

**200547** (2 mm)

**200548** (2 mm)

## PROSTHETICS & ORTHOPAEDICS • GEL SQUARES

These Gel Squares are made entirely of Silipos® Gel that is designed to protect, cushion, soften, and moisturize the skin against abrasion and shear forces. This product is ideal to help prevent skin breakdown (e.g. diabetic insensitive foot) and can be used as an interface for orthotics or hand splints. Available as a solid gel square or lined with a self adhesive backing.

- Apply to parts of the body suffering from discomfort caused by pressure and friction
- Made of mineral oil gel that moisturizes and conditions the skin
- Can be used as an interface between the skin and a brace
- Can be trimmed with scissors to customized size
- Washable and reusable
- Packaged in a polybag



### GEL SQUARES

10 cm x 10 cm, 4" x 4" - 2/Pk. Self Adhesive Backing      10 cm x 10 cm, 4" x 4" - 2/Pk. Non - Adhesive Backing

**200545** (3 mm)

**200546** (3 mm)

# PROSTHETIC ADAPTERS | TUBE & CLAMP ADAPTERS (FOR 30 mm TUBES)

## SACH FOOT ADAPTERS

### ALUMINUM

ITEM No.	LOAD	WEIGHT	WEIGHT	SIZE
<b>200074</b>	100 kg / 220 lbs	50 g	M 8	



## PROSTHETIC ADAPTERS • TUBE ADAPTERS

### ALUMINUM

ITEM No.	WEIGHT LIMIT	WEIGHT	LENGTH
<b>200081</b>	100 kg / 220 lbs	250 g	400 mm
<b>200082</b>	100 kg / 220 lbs	180 g	250 mm

### STAINLESS STEEL / ALUMINUM

ITEM NO.	WEIGHT LIMIT	WEIGHT	LENGTH
<b>200077</b>	125 kg / 275 lbs	272 g	400 mm
<b>200078</b>	125 kg / 275 lbs	207 g	250 mm



## PROSTHETIC ADAPTERS • TUBE ADAPTER

### STAINLESS STEEL

ITEM NO.	WEIGHT LIMIT	WEIGHT	LENGTH
<b>200085</b>	125 kg / 275 lbs	170 g	70 mm



## PROSTHETIC ADAPTERS • TUBE CLAMP ADAPTER

### ALUMINUM

ITEM No.	LOAD	WEIGHT	WEIGHT
<b>200088</b>	100 kg / 220 lbs		75 g

### STAINLESS STEEL

<b>200086</b>	125 kg / 275 lbs		123 g
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**200088**



**200086**

## PROSTHETIC ADAPTERS • ANGLED TUBE CLAMP ADAPTER

### STAINLESS STEEL

ITEM No.	LOAD	WEIGHT	WEIGHT
<b>200089</b>	125 kg / 275 lbs		136 g



**200089**

## PROSTHETIC ADAPTERS • SLIDING ADAPTER

### STAINLESS STEEL

ITEM No.	LOAD	WEIGHT	WEIGHT
<b>200093</b>	125 kg / 275 lbs		234 g



**200093**

## DOUBLE ADAPTERS • WITH ADJUSTMENT SCREWS

### STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT	LENGTH
<b>200104</b>	125 kg / 275 lbs	130 g		32 mm
<b>200102</b>	125 kg / 275 lbs	148 g		45 mm
<b>200100</b>	125 kg / 275 lbs	167 g		60 mm
<b>200098</b>	125 kg / 275 lbs	185 g		75 mm



**200104**



**200102**



**200100**



**200098**

## DOUBLE ADAPTERS • WITH ADJUSTMENT SCREWS & PYRAMID

### STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT	LENGTH
<b>200116</b>	125 kg / 275 lbs	102 g		32 mm
<b>200114</b>	125 kg / 275 lbs	112 g		45 mm



**200116**



**200114**

## FREE MOTION ANKLE JOINT

### STAINLESS STEEL

ITEM NO.	THICKNESS
<b>200374</b>	3 mm



39.7 mm



# PROSTHETIC ADAPTERS | SOCKET ADAPTERS

## 4 PRONG SOCKET ADAPTERS • WITH PYRAMID

### STAINLESS STEEL

ITEM No.	LOAD	WEIGHT	WEIGHT
<b>200118</b>	125 kg / 275 lbs	98 g	(short prong)
<b>200200</b>	125 kg / 275 lbs	110 g	(long prong)



**200118, 200200**

## 3 PRONG SOCKET ADAPTER • WITH PYRAMID

### STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT
<b>200201</b>	125 kg / 275 lbs	138 g	



**200201**

## 3 PRONG SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

### STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT
<b>200202</b>	125 kg / 275 lbs	164 g	



**200202**

## 4 PRONG SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

### STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT
<b>200214</b>	125 kg / 275 lbs	152 g	



**200214**

# PROSTHETIC ADAPTERS | SOCKET ADAPTERS

## 4 PRONG SOCKET ADAPTERS • WITH ROTATION PYRAMID

### STAINLESS STEEL

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200212</b>	125 kg / 275 lbs	145 g



**200212**

## PROSTHETIC ADAPTER • 3 PRONG LAMINATION ANCHOR

### STAINLESS STEEL

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200206</b>	125 kg / 275 lbs	85 g



**200206**

## PROSTHETIC ADAPTER • SOCKET ATTACHMENT BLOCK

### WOOD & PLASTIC

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200216</b>	125 kg / 275 lbs	335 g



**200216**

## SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

### STAINLESS STEEL

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200220</b>	125 kg / 275 lbs	120 g



**200220**

## SOCKET ADAPTERS • WITH PYRAMID

### ALUMINUM

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200219</b>	100 kg / 220 lbs	60 g

### STAINLESS STEEL

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200217</b>	125 kg / 275 lbs	93 g

### TITANIUM

ITEM NO.	LOAD WEIGHT	WEIGHT
<b>200218</b>	125 kg / 275 lbs	56 g



**200219**



**200217**



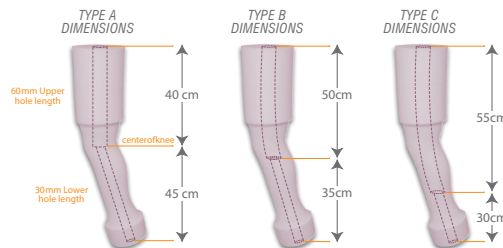
**200218**

# COSMETIC FOAM COVERS | ADULT LOWER LIMB

## ADULT A.K. FOAM COVER • ABOVE - KNEE

LEFT SIDE RIGHT SIDE CALF. CIRCUM. HOLE DIAMETER LENGTH

<b>200241</b>	<b>200242</b>	40 cm	60-30 mm	85 / 90 cm	A
<b>200249</b>	<b>200250</b>	44 cm	60-30 mm	85 / 90 cm	B
<b>200255</b>	<b>200256</b>	44 cm	60-30 mm	85 / 90 cm	C

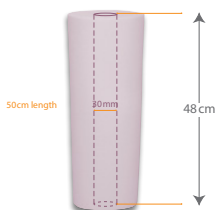


• A.K. foam covers are available in vacuum pack for easy storage and shipping



## ADULT B.K. FOAM COVER • BELOW - KNEE

ITEM NO.	HOLE DIAMETER	LENGTH
<b>200257</b>	30 mm	48 cm

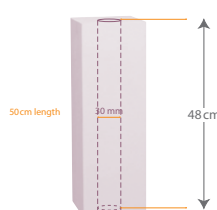


• B.K. foam covers are available in vacuum pack for easy storage and shipping



## B.K. PLASTAZOTE (HARD) FOAM COVER • BELOW - KNEE

ITEM NO.	HOLE DIAMETER	LENGTH
<b>200258</b>	30 mm	48 cm



## XT SPRINT FIBRE REINFORCED THERMOPLASTIC PLATES

XT Sprint® is a Continuous Fibre Reinforced Thermoplastic CFRT® composite material with a tough unique polypropylene polymer matrix.

**THIN:** XT Sprint® is a fibre reinforced polypropylene (PP) composite material that allows for a much thinner orthotic than an orthotic made of equal stiffness from polypropylene alone. This means it takes less room in the shoe.

**LIGHTWEIGHT:** XT Sprint® is 30% lighter than PP for the same degree of stiffness.

**COMFORT:** The combination of lighter weight material and thinness of XT Sprint® provides a superior level of comfort to the patient.

**FUNCTIONAL CONTROL:** XT Sprint® is very tough and resilient for enhanced durability. It retains rigidity and formed shape.

**EASE OF FABRICATION:** XT Sprint® requires common equipment and processes for fabrication. Please see fabrication instructions.

**PRODUCT OFFERING:** XT Sprint® is available in five colour options and six grades from Ease Flex to Ultra Rigid.

**SHELF LIFE:** Indefinite. No special storage required.

### GRADE:

**XT EASE FLEX 1.6 mm:** Ultra thin for comfort and gentle support

**XT SEMI FLEX 1.8 mm:** Very thin, extra degree of comfort and control

**XT SEMI RIGID 2.0 mm:** Thin and light, provides strong support with spring back

**XT MEDIUM RIGID 2.3 mm:** Lightweight and resilient yet retains rigidity and formed shape for solid support

**XT RIGID 2.6 mm:** Firm support, to withstand heavy use

**XT ULTRA RIGID 3.1 mm:** Meets extreme activities and weight conditions

### SIZES:

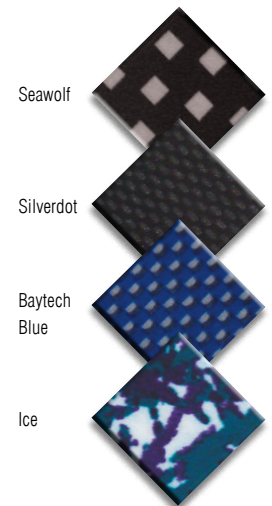
All colour options to the right are available in all the following sizes:

**BLANK SIZES:** (8.9 cm x 19.1 cm, 3.5" x 7.5") (10.2 cm x 20.3 cm, 4" x 8") (10.2 cm x 21.6 cm, 4" x 8.5") (12.7 cm x 22.9 cm, 5" x 9") (15.2 cm x 30.5 cm, 6" x 12")

**SHEET SIZES:** (45.7 cm x 91.4 cm, 18" x 36") (91.4 cm x 91.4 cm, 36" x 36")

**PLEASE NOTE:** Cut sheets at a 45° angle

PROPERTY	UNITS	EASE FLEX	SEMI FLEX	SEMI RIGID	MEDIUM RIGID	RIGID	ULTRA RIGID
Thickness	MM	1.6	1.8	2.0	2.3	2.6	3.1
Weight 10 x 20cm	G	40	50	60	65	70	70
Flexural Modulus	GPA	2.8	3	3	3	3.1	2.8
Fatigue Resistance	10 <sup>6</sup> CYCLES	> 1	> 1	> 1	> 1	> 1	> 1
Rigidity	NM <sup>2</sup>	1	1.8	2.8	3.7	4.3	6.5



## XT FABRICATION

- THERMOPLASTIC ADVANTAGES:**
- Easy to mold - allows for deep heel cups
  - Can be reheated and remolded
  - Indefinite shelf life - no special storage conditions
  - Easy to machine and finish
  - Easily post adjusted with heat gun

**EQUIPMENT REQUIRED:** Conventional oven, vacuum former with bladder, positive cast, release liner or film (Teflon), and gloves.

### FABRICATION PROCESS:

1. Set oven temperature to 400 - 420°F (200 - 215°C), always monitor with thermometer in oven
2. Set blank or panel on release liner and place in oven, refer to table below for recommended time
3. Place the softened blank or material on the mold or cast
4. Promptly close the rubber membrane (bladder) and apply vacuum
5. After about 1-2 minutes, remove molded insert or orthotic and trim as required
  - a) Note: If wrinkles occur, you can reheat the material and reform by applying more pressure to the areas as needed to remove the wrinkle
  - b) If wrinkles persist, place a Poron™ sheet between the heated material and the mold and reform
  - c) XT blanks, sheets, or material can be reheated and molded up to three times to meet the desired shape

### TYPICAL HEATING TIMES:

**PLEASE NOTE:**

Heating times may vary depending on oven

DESCRIPTION	THICKNESS (mm)	TYPICAL HEATING TIME AT 400-420°F (200-215°C)
Ease Flex	1.6	3 minutes
Weight 10 x 20 cm	1.8	3½ minutes
Flexural Modulus	2.0	4 minutes

DESCRIPTION	THICKNESS (mm)	TYPICAL HEATING TIME AT 400-420°F (200-215°C)
Medium Rigid	2.3	4 minutes
Rigid	2.6	4½ minutes
Ultra Rigid	3.1	5 minutes



## XT SPRINT PRODUCT CODES

	Silverdot Plates	8.9 cm x 19.1 cm 3.5" x 7.5"	10.2 cm x 20.3 cm 4" x 8"	12.7 cm x 22.9 cm 5" x 9"	61 cm x 91.4 cm 24" x 36"	91.4 cm x 1.2 m 36" x 48"
	Ease Flex (1.6 mm)	-----	<b>2SDB4816</b>	-----	-----	<b>103233</b>
	Semi Flex (1.8 mm)	-----	<b>2SDB4818</b>	<b>2SDB5918</b>	<b>103240</b>	<b>103234</b>
	Semi Rigid (2.0 mm)	<b>2SDB357520</b>	<b>2SDB4820</b>	<b>2SDB5920</b>	<b>103241</b>	<b>103235</b>
	Medium Rigid (2.3 mm)	<b>2SDB357523</b>	<b>2SDB4823</b>	<b>2SDB5923</b>	<b>103242</b>	<b>103236</b>
	Rigid (2.6 mm)	-----	<b>2SDB4826</b>	<b>2SDB5926</b>	<b>103243</b>	-----
	Ultra Rigid (3.1 mm)	-----	-----	-----	<b>103244</b>	<b>103228</b>
	Seawolf Plates	8.9 cm x 19.1 cm 3.5" x 7.5"	10.2 cm x 20.3 cm 4" x 8"	12.7 cm x 22.9 cm 5" x 9"	61 cm x 91.4 cm 24" x 36"	91.4 cm x 1.2 m 36" x 48"
	Ease Flex (1.6 mm)	-----	<b>2SWB4816</b>	<b>2SWB5916</b>	-----	<b>103221</b>
	Semi Flex (1.8 mm)	<b>2SWB357518</b>	<b>2SWB4818</b>	<b>2SWB5918</b>	-----	-----
	Semi Rigid (2.0 mm)	<b>2SWB357520</b>	<b>2SWB4820</b>	<b>2SWB5920</b>	-----	-----
	Medium Rigid (2.3 mm)	<b>2SWB357523</b>	<b>2SWB4823</b>	<b>2SWB5923</b>	<b>103230</b>	-----
	Rigid (2.6 mm)	<b>2SWB357526</b>	<b>2SWB4826</b>	<b>2SWB5926</b>	-----	-----
	Ultra Rigid (3.1 mm)	<b>2SWB357531</b>	-----	<b>2SWB5931</b>	<b>103232</b>	-----
	Ice Plates	8.9 cm x 19.1 cm 3.5" x 7.5"	10.2 cm x 20.3 cm 4" x 8"	12.7 cm x 22.9 cm 5" x 9"	61 cm x 91.4 cm 24" x 36"	91.4 cm x 1.2 m 36" x 48"
	Semi Flex (1.8 mm)	-----	-----	-----	<b>103264</b>	-----
	Medium Rigid (2.3 mm)	-----	-----	-----	<b>103266</b>	-----
	Baytech Blue	8.9 cm x 19.1 cm 3.5" x 7.5"	10.2 cm x 20.3 cm 4" x 8"	12.7 cm x 22.9 cm 5" x 9"	61 cm x 91.4 cm 24" x 36"	91.4 cm x 1.2 m 36" x 48"
	Semi Rigid (2.0 mm)	<b>2BBB357520</b>	<b>2BBB4820</b>	-----	-----	-----
	Medium Rigid (2.3 mm)	-----	<b>2BBB4823</b>	-----	-----	-----

## SEAWOLF PRODUCT CODES - SPECIAL SIZE

	10.6 cm x 21.6 cm 4" x 8.5"
Semi Flex (1.8 mm)	<b>2SWB48518</b>
Medium Rigid (2.3 mm)	<b>2SWB48523</b>
Rigid (2.6 mm)	<b>2SWB48526</b>
Ultra Rigid (3.1 mm)	<b>2SWB48531</b>



## NRG® PLATES

NRG® plates are constructed of high strength carbon and glass fibre reinforcement in a tough polymer matrix.

### FEATURES:

- High performance graphite construction providing a high strength to weight ratio
- Unique thermoplastic resin formulation for a high resistance to impact, fatigue and cracking
- Spring back (resiliency) will not lose shape or material properties after continued use high load applications
- Easy to bond using conventional adhesives
- Easy to fit and finish

### FLAT PLATES:

- Available in 3 sizes: 24 cm, 26 cm, 29 cm (9.4", 10.2", 11.4")
- Each size is available in all three stiffness grades (except 18 cm): semi flex, semi rigid, and rigid
- Suitable for flat or low heel shoes

### CONTOURED PLATES:

- Available in 4 sizes: 23 cm, 26 cm, 29 cm, 31 cm (9.1", 10.2", 11.4", 12.2")
- Each size is available in all three stiffness grades: semi flex, semi rigid, and rigid
- Standard 1.27 cm, 1/2" contour
- Fits Right or Left

### MORTON TOE PLATES:

- Available in 1 size: 20 cm (7.9")
- Available in flat or contoured
- Available in two stiffness grades: semi rigid and rigid
- Used to treat Turf Toe injuries, Morton Neuroma, Hallus Rigidus



## NRG® PRODUCT CODES

FLAT PLATES:	24 cm	26 cm	29 cm
Ease Flex (1.6 mm)	-----	-----	<b>2FPSF29</b>
Semi Flex (1.8 mm)	<b>2FPSR24</b>	<b>2FPSR26</b>	<b>2FPSR29</b>
Semi Rigid (2.0 mm)	<b>2FPR24</b>	<b>2FPR26</b>	<b>2FPR29</b>

CONTOURED PLATES:	23 cm	26 cm	29 cm	31 cm
Semi Flex	<b>2CPSF23</b>	<b>2CPSF26</b>	<b>2CPSF29</b>	<b>2CPSF31</b>
Semi Rigid	<b>2CPSR23</b>	<b>2CPSR26</b>	<b>2CPSR29</b>	<b>2CPSR31</b>
Rigid	<b>2CPR23</b>	<b>2CPR26</b>	<b>2CPR29</b>	<b>2CPR31</b>

MORTON TOE PLATES FLAT:	20 cm
Semi-Rigid Flat	<b>2MTPSRF</b>
Rigid Flat	<b>2MTPRF</b>

MORTON TOE PLATES CONTOURED:	RIGHT 20 cm	LEFT 20 cm
Semi Rigid Contour	<b>2MTPSRCR</b>	<b>2MTPSRCL</b>
Rigid Contour	<b>2MTPRCR</b>	<b>2MTPRCL</b>

## NRG® FABRICATION

- FABRICATION PROCESS:**
1. Cut plates using saw, jigsaw or scroll saw
  2. Sand edges using conventional belt sander with 80 grit sandpaper and low RPM
  3. Reforming NRG® plates is dependant on time, temperature, pressure, speed, mold condition and the amount of reshaping required. Please contact your National Shoe representative for more fabrication information.

**EQUIPMENT REQUIRED:** Conventional oven, vacuum former with bladder or compression molds, positive or cast for vacuum or a match machined mold for compression, and gloves.

## PRE-FAB ORTHOTICS / FOOTBEDS

### STYLE "A" PRE-FAB ORTHOTICS REGULAR OR HIGH ARCH, WHITE POLYPROPYLENE

White semiflex polypropylene supports with smooth finish.

WOMEN'S SIZES: 4-10 MEN'S SIZES: 7-13

#### (Regular)

Women's:		Men's:	
<b>101342</b> Size 4	<b>101345</b> Size 7	<b>101349</b> Size 7	<b>101353</b> Size 11
<b>101343</b> Size 5	<b>101346</b> Size 8	<b>101350</b> Size 8	<b>101354</b> Size 12
<b>101344</b> Size 6	<b>101347</b> Size 9	<b>101351</b> Size 9	<b>101355</b> Size 13
	<b>101348</b> Size 10	<b>101352</b> Size 10	

#### (High Arch)

Women's:		Men's:	
<b>101356</b> Size 4	<b>101359</b> Size 7	<b>101363</b> Size 7	<b>101367</b> Size 11
<b>101357</b> Size 5	<b>101360</b> Size 8	<b>101364</b> Size 8	<b>101368</b> Size 12
<b>101358</b> Size 6	<b>101361</b> Size 9	<b>101365</b> Size 9	<b>101369</b> Size 13
	<b>101362</b> Size 10	<b>101366</b> Size 10	

### STYLE "B" PRE-FAB ORTHOTICS BLACK VINYL, BLACK POLYPROPYLENE

Black sportflex vinyl-covered polypropylene.

WOMEN'S SIZES: 4-10 MEN'S SIZES: 7-13

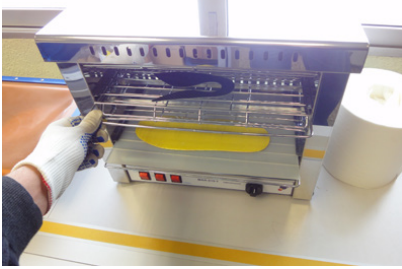
Women's:		Men's:	
<b>101328</b> Size 4	<b>101331</b> Size 7	<b>101335</b> Size 7	<b>101339</b> Size 11
<b>101329</b> Size 5	<b>101332</b> Size 8	<b>101336</b> Size 8	<b>101340</b> Size 12
<b>101330</b> Size 6	<b>101333</b> Size 9	<b>101337</b> Size 9	<b>101341</b> Size 13
	<b>101334</b> Size 10	<b>101338</b> Size 10	



## RESIFLEX HEAT MOULDABLE PRE FABS

Resiflex Evolution can be heated in oven or partially with a hot air gun to achieve the desired shape. Always apply heat on the blue resiflex side, do not apply heat directly on the yellow amarillo or carbon fibre side.

### RESIFLEX EVOLUTION FLAT



1. Heat for 2 minutes at 80°C

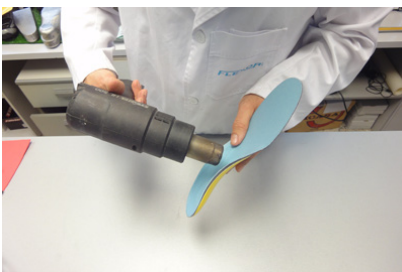


2. Join the elements and place on the plaster



3. Mould the orthotic until it is hard

### RESIFLEX EVOLUTION MOULDED



1. Apply heat on the areas to be modified



2. Mould the orthotic until it is hard

- Thermo-mouldable insole for make-to-measure orthotics

Instructions for use:

Insole could be heated completely (in oven at 80° C), but in this case it will lose completely the shape and would need to be remoulded, or partially (with hot gun) to modify the shape depending the orthotic correction. It is also possible to add other materials orthopedic elements to help to correction. It is recommended to cover the insole in the upper face with a top cover after applying corrective elements. As Resiflex insole is extremely thin, especially in the front, it is very easy to adapt to almost all type of shoes.

Amarillo Yellow Base + Carbon Fibre Heel + Blue Resiflex  
**102668** (36/38), **102669** (39/40), **102670** (41/42), **102671** (43/44), **102672** (45/46)

Carbon Fibre Base + Amarillo Yellow Heel + Blue Resiflex  
**102673** (36/38), **102674** (39/40), **102675** (41/42), **102676** (43/44), **102677** (45/46)



NS POLYPROPYLENE 3/4 PREFABS (THERMOPLASTIC)  
NS PRÉFABRIQUÉS EN POLYPROPYLÈNE 3/4 (THERMOPLASTIQUE)

Reduce your production timeline without compromising quality!  
Réduisez votre calendrier de production sans compromettre la qualité !

Volume pricing available!  
Rabais de volume !



*REGULAR HEEL CUP - NEUTRAL ARCH*

- Thickness: ~ 3.2 mm
- Finish: Matte top + shiny bottom

*TALON RÉGULIER - ARCHE NEUTRE*

- Épaisseur : ~ 3,2 mm
- Finition : Mat en haut + brillant en bas



*DEEP HEEL CUP - NEUTRAL ARCH*

- Thickness: ~ 2.4 mm
- Finish: Matte top + matte bottom

*TALON PROFOND - ARCHE NEUTRE*

- Épaisseur : ~ 2,4 mm
- Finition : Mat en haut + mat en bas

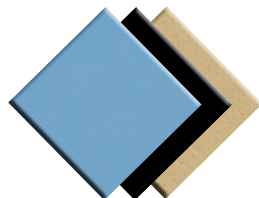
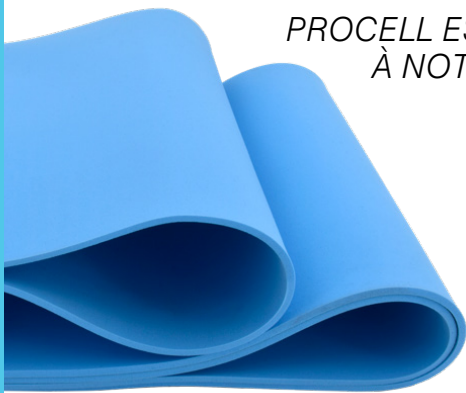


Recommended heating temperature of 210-230 - 5 mins. Température de chauffage recommandée de 210 à 230 - 5 minutes.

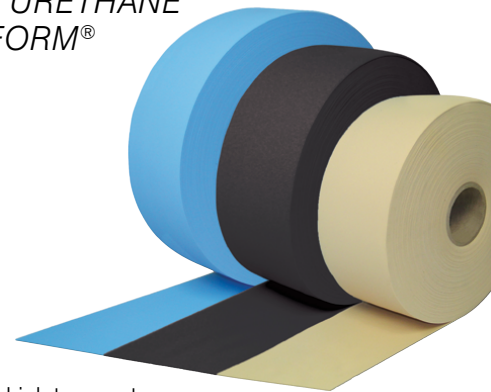
NEUTRAL ARCH		ARCHE NEUTRE		Regular Heel Cup 3.2 mm Talon régulière	Deep Heel Cup 2.4 mm Talon profonde
NS POLYPROPYLENE PREFAB WHITE (35-36)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (35-36)			<b>103926</b>	<b>103938</b>
NS POLYPROPYLENE PREFAB WHITE (37-38)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (37-38)			<b>103927</b>	<b>103939</b>
NS POLYPROPYLENE PREFAB WHITE (39-40)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (39-40)			<b>103928</b>	<b>103940</b>
NS POLYPROPYLENE PREFAB WHITE (41-42)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (41-42)			<b>103929</b>	<b>103941</b>
NS POLYPROPYLENE PREFAB WHITE (43-44)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (43-44)			<b>103930</b>	<b>103942</b>
NS POLYPROPYLENE PREFAB WHITE (45-46)	NS POLYPROPYLÈNE PRÉFABRIQUÉ BLANC (45-46)			<b>103931</b>	<b>103943</b>
NS POLYPROPYLENE PREFAB BLACK (35-36)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (35-36)			<b>103932</b>	<b>103944</b>
NS POLYPROPYLENE PREFAB BLACK (37-38)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (37-38)			<b>103933</b>	<b>103945</b>
NS POLYPROPYLENE PREFAB BLACK (39-40)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (39-40)			<b>103934</b>	<b>103946</b>
NS POLYPROPYLENE PREFAB BLACK (41-42)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (41-42)			<b>103935</b>	<b>103947</b>
NS POLYPROPYLENE PREFAB BLACK (43-44)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (43-44)			<b>103936</b>	<b>103948</b>
NS POLYPROPYLENE PREFAB BLACK (45-46)	NS POLYPROPYLÈNE PRÉFABRIQUÉ NOIR (45-46)			<b>103937</b>	<b>103949</b>

PROCELL IS A PERFECT URETHANE FOAM COMPANION TO OUR PROFORM® FAMILY OF EVA MATERIALS

PROCELL EST LE COMPLÉMENT IDÉAL EN MOUSSE D'URÉTHANE À NOTRE GAMME DE PRODUITS EN CAVIE PROFORM®



Custom colours available  
Couleurs personnalisées offertes



ProCell® is a high performance, flexible polyurethane foam that is cost-effective and characterized by exceptional high temperature compression set performance while maintaining excellent tensile, tear and elongation properties. ProCell® was developed for use in a diverse set of applications that include footwear & medical markets, cushioning layers in orthotics, orthopaedic soft goods, or brace devices.

ProCell® est une mousse de polyuréthane flexible à haute performance. Il s'agit d'une solution économique qui se démarque par une performance hors pair en matière de déformation rémanente à la compression à haute température, et qui conserve d'excellentes propriétés sur les plans de la résistance à la traction, aux déchirures et à l'allongement. La mousse ProCell® est conçue pour diverses applications et de nombreux marchés, dont les secteurs des chaussures et des soins médicaux, les couches de rembourrage d'orthèses, les produits orthopédiques souples ou les appareils orthopédiques.

ProCell® Urethanes				Properties / Propriétés		ProCell® SOFT			
PROPERTY PROPRIÉTÉ	DENSITY DENSITÉ	CD 25%	CFD 25%	COMPRESSION SET DÉFORMATION RÉMANENTE À LA COMPRESSION		TENSILE STRENGTH RÉSISTANCE À LA TRACTION	ELONGATION RÉSISTANCE À L'ALLONGEMENT	TEAR STRENGTH RÉSISTANCE À LA DÉCHIRURE	RESILIENCE RÉSILIENCE
Method Méthode	ASTM D3574	ASTM D1056	ASTM D3574	ASTM D1056	ASTM D3574	ASTM D3574	ASTM D3574	ASTM D624	ASTM D2632
Units Unités	pcf	psi	psi	%	%	psi	%	lb/in	%
ProCell® Light Blue/ Bleu clair, Black / Noir, Tan / Havane	18	15	10.5	1.3	3.8	110	130	14.7	32
ProCell® <b>SOFT</b> Black / Noir	14	8	5	1.2	4.3	80	125	10.5	34

**ProCell® Rolls / Rouleaux (30", 60"x12"/50/100) Double Abraded / Double abrasion**

*LIGHT BLUE / BLEU CLAIR	1/16", 1.6 mm - 60" x 12" / 60"x100'	<b>103766</b>
*LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 60" x 12" / 60"x100'	<b>103767</b>
*LIGHT BLUE / BLEU CLAIR	1/4", 6.4 mm - 60" x 12" / 60"x 50'	<b>103780</b>
*LIGHT BLUE / BLEU CLAIR	3/8", 9.5 mm - 60" x 12" / 60"x 50'	<b>103772</b>
LIGHT BLUE / BLEU CLAIR	1/16", 1.6 mm - 30"x100'	<b>103952</b>
LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 30"x100'	<b>103953</b>
LIGHT BLUE / BLEU CLAIR	1/4", 6.4 mm - 30"x 50'	<b>103954</b>
LIGHT BLUE / BLEU CLAIR	3/8", 9.5 mm - 30"x 50'	<b>103955</b>
*BLACK / NOIR	1/16", 1.6 mm - 60" x 12" / 60"x100'	<b>103768</b>
*BLACK / NOIR	1/8", 3.2 mm - 60" x 12" / 60"x100'	<b>103769</b>
*BLACK / NOIR	1/4", 6.4 mm - 60" x 12" / 60"x 50'	<b>103781</b>
*TAN / HAVANE	1/16", 1.6 mm - 60" x 12" / 60"x100'	<b>103770</b>
*TAN / HAVANE	1/8", 3.2 mm - 60" x 12" / 60"x100'	<b>103771</b>

**ProCell® Wheels / Rubans (5"x100) Double Abraded / Double abrasion**

LIGHT BLUE / BLEU CLAIR	1/16", 1.6 mm - 5"x100'	<b>103774</b>
LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 5"x100'	<b>103775</b>
BLACK / NOIR	1/16", 1.6 mm - 5"x100'	<b>103776</b>
BLACK / NOIR	1/8", 3.2 mm - 5"x100'	<b>103777</b>
TAN / HAVANE	1/16", 1.6 mm - 5"x100'	<b>103778</b>
TAN / HAVANE	1/8", 3.2 mm - 5"x100'	<b>103779</b>

**ProCell® SOFT Rolls / Rouleaux (60"x50") & Wheels / Rubans (5"x100) Double Abraded / Double abrasion**

*BLACK / NOIR	1/4", 6.4 mm - 60"x 12" / 60"x50'	<b>103957</b>
BLACK / NOIR	1/16", 1.6 mm - 5"x100'	<b>103958</b>
BLACK / NOIR	1/8", 3.2 mm - 5"x100'	<b>103959</b>

\*Rolls also sold by linear foot / Rouleaux également vendus au pied linéaire

**PORON MEDICAL® URETHANES SOFT SUPPORTING**

THE ORIGINAL PORON Medical® urethanes offer a variety of formulations for lasting comfort and compression set resistance in diverse applications. When it comes to performance there is no equal to PORON Medical® Urethanes. Don't be misled - PORON Medical® Urethanes set the standard against which all other materials are judged. All PORON Medical® materials meet ISO 10993 standards related to body contact medical devices.

**LONG-TERM COMFORT**

- Compression-set Resistance
- Fungal Resistant
- Microcellular Structure
- Open Cell-Breathable

**LIGHT BLUE**

30.5 cm x 1.4 m, 12" x 54" - Single Abraded  
**100562** (1.5 mm 1/16"), **100563** (3 mm 1/8"), **100543** (6mm 1/4")  
 30.5 cm x 1.4 m, 12" X 54" - Double Abraded  
**100542** (1.5 mm 1/16")

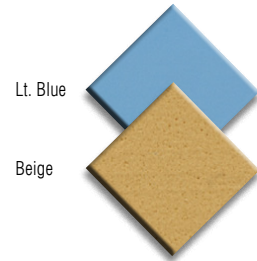
30.5 cm x 1.5 m, 12" x 54" - Double Abraded  
**100564** (3 mm 1/8"), **100566** (6 mm 1/4")

**BEIGE**

30.5 cm x 1.4 m, 12" x 54" - Single Abraded  
**100556** (3 mm 1/8")

30.5 cm x 1.5 m, 12" x 54" - Single Abraded  
**100552** (1.5 mm 1/16"), **100567** (6 mm 1/4")

30.5cm x 1.5m, 12" x 54" - Double Abraded  
**100557** (3 mm 1/8")



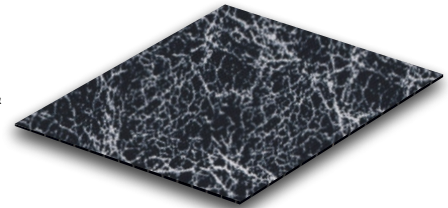
Lt. Blue

Beige

**PORON MEDICAL® URETHANES SOFT SUPPORTING WITH XS**

68.6 cm x 91.4 cm, 27" x 36" - Laminated with Black XS  
**103667** (1.5 mm 1/16")

Light Blue Poron & Black XS



**PORON MEDICAL® URETHANE WHEELS**

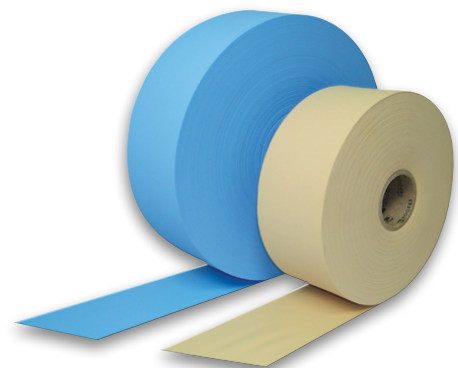
**LIGHT BLUE**

11.4 cm x 50.3 m, 4.5" x 165' - Single Abraded  
**100808** (1.5 mm 1/16")  
 11.4 cm x 50.3 m, 4.5" x 165' - Double Abraded  
**100810** (1.5 mm 1/16")  
 11.4 cm x 24.4 m, 4.5" x 80' - Single Abraded  
**100809** (3 mm 1/8")  
 11.4cm x 24.4m, 4.5" x 80' - Double Abraded  
**100811** (3 mm 1/8")

**BEIGE**

11.4 cm x 50.3 m, 4.5" x 165' - Single Abraded  
**100812** (1.5 mm 1/16")  
 11.4 cm x 50.3 m, 4.5" x 165' - Double Abraded  
**100813** (1.5 mm 1/16")  
 11.4 cm x 24.4 m, 4.5" x 80' - Single Abraded  
**100814** (3 mm 1/8")  
 11.4 cm x 24.4 m, 4.5" x 80' - Double Abraded  
**100807** (3 mm 1/8")

Light Blue Poron Wheel  
 Beige Poron Wheel



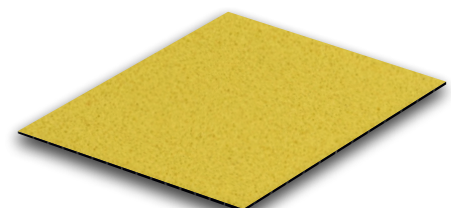
**ACOR® EchoCel® IMPACT**

A performance urethane that absorbs shock from an impact and then disperses it with minimal energy return. Une mousse d'uréthane haute performance qui absorbe les chocs, puis les disperse avec un retour d'énergie minimal.

Density.....15 pcf  
 Composition 50% .....3 max  
 Tensile Strength .....70 psi  
 Resilience .....8 %

91.4 cm x 1.5 m, 36" x 60" - Double Abraded  
**103922** (1.6 mm 1/16")

76.2 cm x 91.4 cm, 30" x 36" - Double Abraded  
**103924** (3.2 mm 1/8")



**BRANDED ARTICLES FOR ORTHOPAEDIC APPLICATIONS & SHOE REPAIRS**

Rubber is able to resiliently withstand enormous stresses when subjected to various influences. This fascinating material has been used in nora materials for more than 80 years through innovative developments, trend-setting production processes, and uncompromising quality assurance for

- orthopaedic shoe engineering
- general orthopaedics, and
- shoe repairs.

The nora portfolio thus supplies processors from three business sectors with a multi-faceted range of diversified products from one single source: Heel and soling materials with excellent walking properties and long life as well as the wellknown high-quality nora EVA sheets, which have proven themselves as excellent lifting and inner-shoe material worldwide. But high quality nora EVA and lightcell materials are also being used in industrial areas, where there are special requirements for technical properties like for example damping, shock absorption, recovery capability and highest safety standards.

**TESTED QUALITY GUARANTEES SAFETY FOR PROCESSORS & PATIENTS**

For us as a manufacturer of materials that are also used in medical products, certification under international standards is just as much a matter of course as adherence to the pertinent legislation, e.g. REACH – followed unquestioningly and without exception by every manufacturer in the EU. Under the MDR (Medical Device Regulation, EU Regulation 2017/745), materials used for the production of medical products must be provided, amongst others, with a declaration of clearance with respect to their toxicological properties. nora products are free of constituents posing toxicological and carcinogenic risks as set down under EU Regulation 2017/745.

**THE SG TEST MARK:**

Acknowledged throughout the sector, this pollutant test mark is awarded by approved test institutes following regular and thorough material analyses. Besides the tests on legally prescribed parameters, the SG package also confirms, for instance, that there are no traces of carcinogenic amines.



**SG PLUS MARK**

Some years ago, the SG plus mark was developed in collaboration with the test and research institute PFI in Pirmasens, based in part on even stricter thresholds than prescribed under the German Medical Devices Act MPG. The SG plus mark supplements the requirements for the SG seal with microbial and physical tests as well as permanent monitoring of the production facilities.



**YOUR PLUS IN TERMS OF QUALITY – TESTED RESILIENCE AND STABILITY**

Dynamic long-term loading tests serve to analyse the load bearing properties of nora materials. This involves applying a 60 kg load to the material about 100,000 times and then comparing its thickness before and after loading.

**YOUR PLUS IN TERMS OF HYGIENE – DISINFECTABILITY**

The disinfectability of polluted foot orthotics and insoles with a commercially available disinfectant has been verified regularly by the PFI laboratory conducting extensive microbiological tests with precisely defined quantities of bacteria and fungi. Disinfection is successful only on materials with closed cellular structures. Unlike foams with open cellular structures, closed cell surfaces are impenetrable to wound secretions, bacteria, and fungi, which can then be removed easily.

**YOUR PLUS IN TERMS OF SAFETY – CERTIFIED PRODUCTION**

Permanent safety means not only tests on a single nora material, but also permanent monitoring of the production facilities and production process. This involves testing and documenting each stage of ongoing production with regular spot checks. These process tests are applied, for example, to the selection of raw materials, incoming inspections, mixtures, production, final inspections, packaging, documented material traceability, etc.

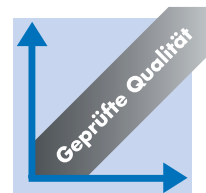
**DERMATEST SEAL PROVEN SKINCOMPATIBILITY**

Since 1988, nora materials have been regularly tested for skin compatibility, previously from Institute Fresenius and now from Dermatest. The dermatological tests are performed on human skin. Through the patch test the material is tested by applying small patches of the material to the skin and after 24, 48 and 72 hours the skin is dermatologically examined. Those products marked with the Dermatest seal 'excellent' guarantee, that there are no primary irritations or incompatibility reactions caused by the material.



**ADDITIONAL QUALITY CONTROL**

Finally, the internal quality assurance measures are augmented by tests at the research service provider Freudenberg Technology Innovation SE & Co. KG. They regularly conduct chemical and physical tests on production, raw materials and finished products, to guarantee a consistent quality.



**QUALITY ASSURANCE & ENVIRONMENTAL COMPATIBILITY**

Certifications according to international standards like ISO 9001 (quality management) and ISO 14001 (environmental management system) are a matter of course at nora. All nora products are free of toxic heavy metals and carcinogenic aromatic amines derived from colourants. Moreover, nora products are also free of pentachlorophenol (PCP), CFCs, and carcinogenic nitrosamines.

As one of the first manufacturers in this type of industry, our company has been registered in the list of companies complying with the EC Eco-Audit ordinance under the registration number D153-00016.



In 2000, nora® was in addition certified pursuant to DIN EN ISO 14001 (environmental management systems).



The certification according to DIN EN ISO 9001 guarantees the constant quality of manufacture, distribution, and marketing.



Overview of the nora® products for foot orthotics				
Lift sheets and cushioning sheets				
Product	Properties	Hardness approx. Shore A	Density approx. g/cm	Thermoformable
Astro form 8	Cushioning	-	0.20	at 110° – 130° C
Astro med 10	Cushioning	10	0.27	no
Lunatec motion	Cushioning	10	0.13	at 110° – 130° C
Astro form 15	Cushioning	15	0.32	at 110° – 130° C
Aero sorb M	Bedding	-	0.15	at 110° – 130° C
Aero sorb W	Bedding	-	0.16	at 110° – 130° C
Lunairmed	Bedding	16	0.08	at 110° – 130° C
Lunatur 18 Walnut	Bedding	18	0.12	at 110° – 130° C
Lunairflex	Bedding	22	0.12	at 110° – 130° C
Lunatec EP	Permanently resilient	22	0.20	at 110° – 130° C
Lunalastik	Permanently resilient	25	0.23	at 110° – 130° C
Lunasoft 27 Walnut	Permanently resilient	27	0.24	at 110° – 130° C
Lunasoft SLW	Permanently resilient	30	0.20	at 130° C
Lunasoft SL	Stabilising	40	0.20	at 130° C
Lunatec SE	Stabilising	45	0.28	at 130° C
Lunatur 50 Walnut	Stabilising	50	0.35	at 130° C
Lunasoft AL	Stabilising	52	0.26	at 130° C
Lunalight A	Stabilising	58	0.35	at 130° C
Lunacell	Stabilising	68	0.37	at 130° C
Norit L		93	0.90	at 130° C
Norit		95	1.05	at 130° C

nora®



Overview of the nora® composite sheets						
Composite sheets Lunate combi						
Product name Total thickness	Layers approx. mm	Properties	Hardness approx. Shore A	Density approx. g/cm	Activation time approx. min.	Cooling time approx. min.
<b>Lunatec combi 1</b> 14 mm	Lunalastik (6 mm)	Permanently resilient	25	0.23	6	12
	Lunasoft AL (8 mm)	Stabilising	52	0.26		
<b>Lunatec combi 2</b> 16 mm	Lunairflex (6 mm)	Bedding	22	0.12	9	18
	Lunasoft SLW (10 mm)	Permanently resilient	30	0.20		
<b>Lunatec combi 3</b> 16 mm	Lunalastik (6 mm)	Permanently resilient	25	0.23	9	18
	Lunasoft SLW (10 mm)	Permanently resilient	30	0.20		
<b>Lunatec combi 4</b> 9 mm	Lunairflex (3 mm)	Bedding	22	0.12	5	10
	Lunalastik (6 mm)	Permanently resilient	25	0.23		
<b>Lunatec combi 5</b> 7 mm	Lunalastik (3 mm)	Permanently resilient	25	0.23	3	6
	Lunasoft SLW (4 mm)	Permanently resilient	30	0.20		
<b>Lunatec combi 6</b> 14 mm	Lunasoft SLW (4 mm)	Permanently resilient	30	0.20	6	12
	Lunasoft AL (10 mm)	Stabilising	52	0.26		

**Setting of the oven 130° C // 266° F**  
**Rule of thumb: Activation time x factor 2**  
**= optimum cooling time.**

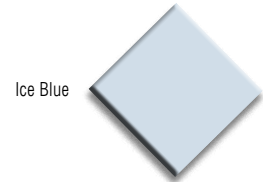
The times given here are proven reference values based on a constant temperature of 130° C // 266° F. These times can deviate dependent upon the oven, temperature precision, how often the door is opened and personal experiences.



**ASTRO FORM 8 SHEETS • SOFT & THERMOFORMABLE**

80 cm x 58.4 cm, 31.5" x 23" ASTRO FORM 8

- 100610** (1.5 mm 1/16") . . . . . Ice Blue
- 100611** (3 mm 1/8") . . . . . Ice Blue
- 100612** (6 mm 1/4") . . . . . Ice Blue



**Similar to Poron®, but Astro Form 8 is Thermoformable**

nora® Astro form 8 is made of light cellular rubber with a truly unique composition of properties. It is incredibly soft and resilient, yet still keeps in shape! With nora® Astro form 8, we present a new material that is hygienic, has a closed cell structure and features excellent thermoforming properties. After processing, it is extremely soft and exceedingly resilient. The closed cell structure prevents wound secretions and sweat, thus germs, bacteria and fungi from penetrating the material. Secretions adhering to the surface can be hygienically removed using commercially available disinfectants.

**APPLICATIONS:**

- Cushioning in orthotics and prosthetics e.g. cushioning in forefoot replacement
- Heel and forefoot cushioning, Haglund heel cushioning
- Cushioning layer for diabetes-adapted footbed
- Heel spur cavities for heel spur inserts
- Upper cushioning, e.g. for peroneal or ankle caps

**BENEFITS:**

- Extremely soft
- Excellent recovery capability after compression
- Low compression
- Outstanding cushioning properties
- Optimum shock absorbance
- Thermoformable at a processing temperature of approx. 110-130°C
- Hygienic and disinfectable due to the closed cellular surface
- Skin tolerability tested and certified by the Fresenius Institute
- Excellent bonding properties

**PRODUCT DETAILS • ASTRO FORM 8**

- DENSITY:** 0.17 g/cm<sup>3</sup>
- COLOUR:** Ice Blue (318)
- THICKNESS:** 1.5 mm, 3 mm & 6 mm

**TYPICAL APPLICATIONS FROM PRACTICE**



**ARTIFICIAL FOREFOOT CUSHIONING**

nora® Astro form 8 as cushioning spacer for foot stumps



**DIABETES-ADAPTED FOOT BEDDING WITH ULTRA-SOFT TOP LAYER**

**STRUCTURE FROM THE SOLE UPWARDS:**

- nora® Lunasoft AL as stabilization
- nora® Lunatec combi 3
- nora® Astro from 8 as bedding top layer



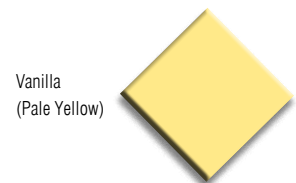
**UPPER CUSHIONING**

nora® Astro from 8 as cushioning

**ASTRO MED 10 • SHEETS**

1.05 m x 70 cm, 41" x 27.6" ASTRO MED 10

- 100609** (3 mm 1/8") . . . . . Vanilla (Pale Yellow)



nora® Astro med 10 consists of a material with unique properties. It combines the benefits of an extremely soft material (about 10 shore A) with excellent restoration capacity with the benefits of an hygienic, closed-cell material. Dynamic endurance tests have proven that after 24 hours of relief a maximum deformation of about 8% remains. For comparison: the requirements of the PFI Institute for passing the SG plus test are < 30% and were thus exceeded many times over. The closed cell structure prevents ichor and sweat and thus germs, bacteria and fungi from penetrating the material and ichor adhering to the surface can be hygienically removed with commercially available disinfectants.

**APPLICATIONS:**

- Cushioning in orthotics and prosthetics
- Heel and forefoot cushioning
- Continuous upper cushioning layer of an insert
- Heel spur hollows in heel spur inserts
- Upper cushion in e.g. peroneus or ankle cap

**PRODUCT DETAILS • ASTRO MED 10:**

- SOFTNESS:** approx. 10 Shore A
- DENSITY:** 0.27 g/cm<sup>3</sup>
- COLOUR:** vanilla (316)
- THICKNESS:** approx. 3mm
- \*Not thermoformable**

**PLEASE NOTE:**

In contrast to nora® EVA materials nora® Astro med 10 is not thermoformable and is processed by cold gluing

**BENEFITS:**

- Extreme softness of about 10 shore A
- Excellent restoration capability after compression
- Low compression
- Optimum shock absorption
- Support of the balance during treading
- Hygienic and disinfectable due to the closed cellular surface
- Skin tolerability tested and certified by the Fresenius Institute
- Outstanding bonding properties
- Outstanding cushioning properties



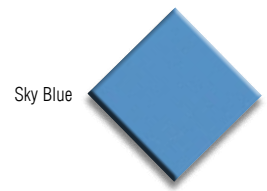
**ASTRO FORM 15 SHEETS • SOFT & THERMOFORMABLE**

83.8 cm x 52.1 cm, 33" x 20.5" ASTRO FORM 15

**103012** (2 mm 5/64") . . . . . Sky Blue

**102995** (3 mm 1/8") . . . . . Sky Blue

The material Astro form is made of light cellular rubber with a unique composition of properties. It is very soft and resilient, yet still keeps its shape! With Astro form 8 and Astro form 15, this material is now available in two types. Both have a closed cell structure, are hygienically washable and optimally thermoformable, and also exhibit particular softness and high permanent resilience and recovery capability after processing.



- APPLICATIONS:**
- Cushioning in orthotics and prosthetics
    - e.g. cushioning in forefoot replacement
  - Heel and forefoot cushioning, Haglund feel cushioning
  - Cushioning layer for diabetes-adapted footbed
  - Heel spur cavities for heel spur inserts
  - Upper cushioning,
    - e.g. for personal or ankle caps

- BENEFITS:**
- Particular softness
  - Excellent recovery capability after compression
  - Low compression
  - Outstanding cushioning properties
  - Thermoformable at approx. 110-130 °C // 230-266 °F
  - Hygienic & disinfectable due to the closed cellular surface
  - Easy to die-cut
  - Excellent bonding properties

**PRODUCT DETAILS • ASTRO FORM 15**

**HARDNESS:** approx. 15 Shore A

**DENSITY:** 0.32 g/cm<sup>3</sup>

**COLOUR:** sky blue (339)

**THICKNESS:** 2 mm, 3 mm



**Covered proof shoe**  
First layer of a footbed

Thanks to its thermoplastic properties, Astro form 15 optimally moulds itself to the second ply during deep drawing without having to be heated separately. The permanently resilient properties of this material are retained to the maximum extent.



**Classical soft cushioning insole** of Lunasoft SLW, Astro form 15, and Lunatec SE



**Classical diabetes-adapted footbed** of Astro form 15, Lunatec combi 2, and Lunacell

**LUNATEC MOTION**

87 cm x 66 cm, 34.25" x 26"

**102993** (3 mm 1/8") .....Silk

**102994** (6 mm 1/4") .....Silk

Silk



Every step subjects them to compressive, impact, and shearing forces that must be reduced, above all for patients with painful foot or joint diseases, e.g. rheumatism.

Developed specifically for this purpose, the new EVA material Lunatec motion is now available as a single material. The composite sheet consists of the bedding layer Lunatec motion (6 mm) and a stabilising layer of Lunasoft SL (10 mm) in light blue.

With a hardness of about 10 Shore A, Lunatec motion is extremely soft, making it ideal especially as a bedding for people with foot pain and as an absorption of shearing forces caused by walking.

The new material Lunatec motion can also be used for general orthopaedics, prosthetics and orthotics, e.g. as cushioning in classical orthopaedic devices or as a functional lining on support orthoses and corsets. Besides its excellent damping and pressure spread, it also has a good absorption of shearing forces, making it ideal for pressure sensitive areas exposed to forces from body movements.

The soft bedding effect can be felt to the maximum possible extent when it is worn without an additional top layer. A feeling of firmer standing can be obtained when a top layer of leather or EVA is put on - without compromise to the minimisation of shearing forces by the Lunatec motion layer. Higher weight classes can also be treated well with additional stabilisation in the rear foot, e.g. of Lunasoft AL.

**HANDLING INFORMATION:**

Oven setting: 130°C

Heating time: about 10 minutes | Cooling time: about 20 minutes

The cut piece of material is heated in a closed source of heat and then moulded to the last in a straight vacuum former. The cooling time of about 20 minutes should be observed if the material is not to lose its shape. Afterwards, polish to shape.

**PRODUCT DETAILS**

**HARDNESS:** Approx. 10 Shore A

**DENSITY:** Approx. 0.13 g/cm<sup>3</sup>

**COLOUR:** 06 Silk

**THICKNESS:** 3 mm & 6 mm



**AERO SORB M & W SHEETS • MEDIUM AND SOFT**

TYPICAL APPLICATIONS FROM PRACTICE



**INSERT FOR RHEUMATIC PATIENTS WITH CONCENTRATED PRESSURE RELIEF, E.G. FOR WARTS**

*STRUCTURE FROM THE SOLE UPWARDS:*

- nora® Lunatec combi 1 as basis
- nora® Aero sorb M for the concentrated pressure relief

*BENEFITS:* The soft material serves as bedding and offers perfect concentrated pressure relief



**FOOT BEDDING FOR DIABETICS AND RHEUMATICS WITH ESPECIALLY SOFT BEDDING**

*STRUCTURE FROM THE SOLE UPWARDS:*

- nora® Lunatec combi 1 to 4 (patient-oriented) as basis
- nora® Aero sorb W as bedding top layer



**INSERT FOR LOW ARCH/FLATFOOT WITH A CUSHIONING INTERMEDIATE LAYER FOR PRESSURE-SENSITIVE FEET**

*STRUCTURE FROM THE SOLE UPWARDS:*

- nora® Lunasoft AL for stabilization
- nora® Aero sorb M as cushioning intermediate layer
- nora® Lunasoft SLW as top layer



**SPORT INSERT WITH BUTTERFLY RELIEF**

*STRUCTURE FROM THE SOLE UPWARDS:*

- nora® Lunatec combi 6 as basis
- nora® Aero sorb M as cushioning for the butterfly sole



**CUSHIONING FOR A POSTURAL SPLINT**

- nora® Aero sorb M as cushioning layer
- BENEFITS:* The material generates minimum counter-pressure and provides perfectly soft cushioning

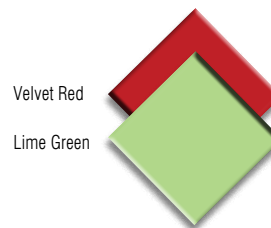
**AERO SORB M & W SHEETS • MEDIUM AND SOFT**

80 cm x 54.6 cm, 31.5" x 21.5" AERO SORB M (MEDIUM)

- 100691** (2 mm 5/64") . . . . . Velvet Red
- 100605** (3 mm 1/8") . . . . . Velvet Red
- 100606** (6 mm 1/4") . . . . . Velvet Red

81.3 cm x 57.2 cm, 32" x 22.5" AERO SORB W (SOFT)

- 100692** (2 mm 5/64") . . . . . Lime Green
- 100607** (3 mm 1/8") . . . . . Lime Green
- 100608** (6 mm 1/4") . . . . . Lime Green



nora® AERO SORB (M & W) is a new type of material which is extremely soft and shock absorbing in equal measure due to its markedly delayed recovery characteristics. This makes nora® Aero sorb suitable for installation in areas that have to remain free of pressure points or where pressure from concentrated loads has to be distributed as evenly as possible.

- APPLICATIONS:*
- Butterfly soles, butterfly relief
  - Heel and forefoot cushioning, Haglund heel cushioning
  - Cushioning layer for diabetes-adapted footbed
  - Concentrated pressure relief
  - Cushioning in orthotics and prosthetics
  - Heel spur cavities for heel spur inserts

*PROPERTIES:* nora® Aero sorb is a light cellular rubber with a unique composition of properties whose absorbent characteristics can make it ideal for reducing pain. The closed cell structure prevents wound secretion and sweat, and thus germs bacteria and fungi, from penetrating the material. Secretions adhering to the surface can be hygienically removed using commercially available disinfectants.

- BENEFITS:*
- Extremely soft
  - Bedding and absorbent properties at the same time
  - Delayed recovery capability
  - Shock-absorbing
  - Outstanding bedding characteristics for distributing pressure
  - Thermoformable at a processing temperature of approx. 110-130°C
  - Hygienic and disinfected due to the closed cellular surface
  - Skin tolerability tested and certified by the Fresenius Institute
  - Excellent bonding properties

**PRODUCT DETAILS • AERO SORB M**

- HARDNESS:* M = Medium
  - DENSITY:* 0.16 g/cm<sup>3</sup>
  - COLOUR:* velvet red (31g)
  - THICKNESS:* 3 mm & 6 mm
- bedding cushioning properties*

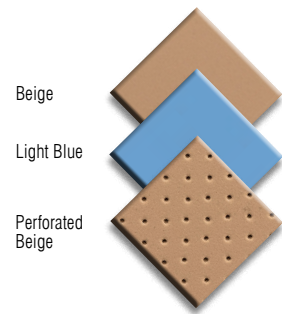
**PRODUCT DETAILS • AERO SORB W**

- HARDNESS:* W = Soft
  - DENSITY:* 0.15 g/cm<sup>3</sup>
  - COLOUR:* lime green (325)
  - THICKNESS:* 3 mm & 6 mm
- bedding cushioning properties*

**LUNAI RMED EVA EXPANDED SHEETS • 18 DUROMETER**

1.09 m x 81.3 cm, 43" x 32"

- 103326** (2 mm 5/64") ..... Beige
- 103311** (3 mm 1/8") ..... Beige
- 103306** (6 mm 1/4") ..... Beige
- 103307** (8 mm 5/16") ..... Beige
- 103308** (12 mm 1/2") ..... Beige
- 1NLAM24** (24 mm 1") ..... Beige
- 100947** (3 mm 1/8") ..... Light Blue
- 103309** (3 mm 1/8") ..... Beige (Perforated)



**APPLICATIONS:** Cushioning sheets for inner shoes. For shaping elements for low stresses, e.g. calf prostheses, as upper material for interim, therapy, and bathing shoes, for beddings and shock-absorbers in inner shoes, for foot beddings for rheumatics and diabetics particularly suited for sandwich type shoes.

**PROPERTIES:** Very low density, very soft, highly resilient. Excellent restoration capability and high walking comfort. Washable due to the closed cell structure.

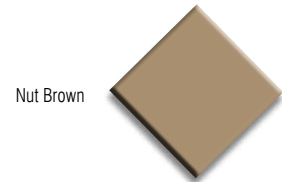
**PROCESSING NOTES:** Usual EVA bonding. Adapt contact pressure to the flexibility of the material, horizontal deformation is to be avoided. Thermoformable at 110 °C - 130 °C.

**LUNATUR 18 WALNUT • 18 DUROMETER**

98 cm x 64 cm, 38.6" x 25.2"

- 100948** (2 mm 5/64") ..... Nut Brown
- 100949** (3 mm 1/8") ..... Nut Brown

# LUNATUR WALNUT



nora® Lunatur 18 Walnut contains over 20% of finely ground walnut shells. We therefore use a natural, renewable raw material without interfering with the food chain. The goal of this development was to make practical use of a natural waste product, refine our EVA product with a valuable natural resource, and in this manner optimise its properties.

**APPLICATIONS:** Cushioning sheets for inner shoes. For shaped elements under light loads, e.g. calf augmentation; as a top material for interim, therapeutic, and bathing shoes; for foot beddings for rheumatics and diabetics.

**PROPERTIES:** High quality EVA product of low density for very soft, highly resilient and bedding. Excellent restoration capability and high degree of walking comfort. Ecological utilisation of a recycled natural product. Closed cell structure for easy washing, optimal foot climate.

**PROCESSING NOTES:** Usual EVA bonding. Adapt contact pressure to the flexibility of the material, horizontal deformation is to be avoided. Thermoformable at 110 °C - 130 °C.

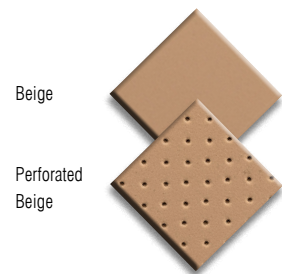
**LUNAIRFLEX EVA EXPANDED SHEETS • 22 DUROMETER**

1.17 m x 76.2 cm, 46" x 30"

- 103313** (3 mm 1/8") ..... Beige
- 103314** (4 mm 5/32") ..... Beige
- 103328** (6 mm 1/4") ..... Beige
- 103329** (8 mm 5/16") ..... Beige
- 103330** (12 mm 1/2") ..... Beige
- 1NLAF24** (24 mm 1") ..... Beige

1.19 m x 76.2 cm, 47" x 30"

- 103332** (3 mm 1/8") ..... Beige (Perforated)
- 103333** (6 mm 1/4") ..... Beige (Perforated)



**APPLICATIONS:** Cushioning sheets for inner shoes. For shaping elements for medium stresses, e.g. calf prostheses, as upper material for interim, therapy, and bathing shoes, for beddings and shock-absorbers in inner shoes.

**PROPERTIES:** Very low density, soft, highly resilient, good restoration capability. Washable due to the closed cell structure.

**PROCESSING NOTES:** Usual EVA bonding. Adapt contact pressure to the flexibility of the material, horizontal deformation is to be avoided. Thermoformable at 110 °C - 130 °C.

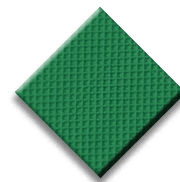
**ORTHOSORB (SHOCK ABSORBING RUBBER)**

53.3 cm x 80 cm, 21" x 31.5"

**1N02** (2 mm 5/64") Green

**APPLICATIONS:** Very well suited for heel damping and cushioning in particular for orthopaedic shoes. As compared to nora® Supersorb, a lesser dampening of nora® Orthosorb ensure a better cushioning and higher resilience, up to tread force of approx. 300kg. This corresponds to the walking load of person of approx. 80kg. Shock absorption at a thickness of 4mm: approx. 83%.

Green



**LUNATEC EP • 18 DUROMETER**

87.9 cm x 58.9 cm, 34.6" x 23.2"

**100950** (3 mm 1/8") Cream

**100951** (3 mm 1/8") Mint

nora® Lunatec EP is an EVA material which was supplemented by further high-quality raw materials and thus now possesses new excellent properties. The material has a closed cell structure and especially high restoration capability, given a specifically light weight. Unlike open-cell materials made of polyurethane (PU), sweat, ichor and other liquids cannot penetrate the material but can be removed hygienically from the surface.

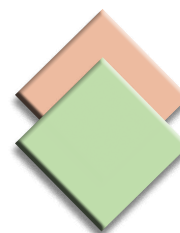
**APPLICATIONS:** Cushioning sheets for inner shoes. For shaping elements for medium stresses, e.g. calf prostheses, as upper material for interim, therapy, and bathing shoes, for beddings and shock-absorbers in inner shoes.

**PROPERTIES:** Highly resilient, excellent restoration capability, low volume loss, smooth surface, closed cell structure, durable, hygienically washable, and thermoformable.

**PROCESSING NOTES:** Usual EVA bonding. Adapt contact pressure to the flexibility of the material, horizontal deformation is to be avoided. Thermoformable at 110°C - 130°C.

Cream

Mint



**LUNALASTIK EVA EXPANDED SHEETS • 25 DUROMETER**

1.17 m x 76.2 cm, 46" x 30"

**103315** (2 mm 5/64") Beige

**103316** (3 mm 1/8") Beige

**103310** (6 mm 1/4") Beige

**1NLLS8** (8 mm 5/16") Beige

1.19 m X 76.2 cm, 47" X 30"

**103335** (3 mm 1/8") Beige (Perforated)

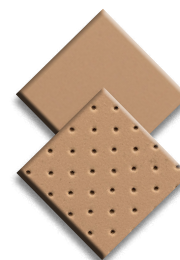
**APPLICATIONS:** Cushioning material for soft bedding inserts in orthopaedic custom-made shoes and in ready-made shoes, for cushioning support of the calcaneal spur.

**PROPERTIES:** Excellent cushioning properties, excellent restoration capability. Washable due to the closed cell structure. Excellent tear resistance.

**PROCESSING NOTES:** Easy to bond (polychloroprene). Thermoformable at 110°C - 130°C.

Beige

Perforated  
Beige



**LUNASOFT SLW EVA EXPANDED SHEETS • 30 DUROMETER**

1.14 m x 76.2 cm, 45" x 30"

**103336** (3 mm 1/8") Beige

**103337** (6 mm 1/4") Beige

88.9 cm x 63.5 cm, 35" x 25"

**103338** (8 mm 5/16") Beige

**103339** (12 mm 1/2") Beige

nora® LUNASOFT SLW are extremely lightweight, soft, smooth EVA expanded sheets.

**APPLICATIONS:** Cushioning sheets and shock-absorbing material for inserts, foot beddings, and sport inserts, as upper material for interim and bathing shoes, as shaping elements, e.g. resilient caps or as soft socket.

**PROPERTIES:** Lightweight, dimensionally stable, flexible and resilient; washable and hygienic due to the closed cell structure.

Beige



**LUNASOFT SL EVA EXPANDED SHEETS • 40 DUROMETER**

1.14 m x 55.9 cm, 45" x 30"

**101246** (2 mm 5/64") . . . . .Mid Blue

1.16 m x 76.2 cm, 46" x 30"

**103342** (6 mm 1/4") . . . . .Stone Grey

**103354** (6 mm 1/4") . . . . .Black

**1NLSSL8** (8 mm 5/16") . . . . .Beige

**1NLSSL12** (12 mm 1/2") . . . . .Beige

**100945** (20 mm 5/64") . . . . .Beige

**103445** (6 mm 1/4") . . . . .Beige

**103375** (3 mm 1/8") . . . . .Red

**103444** (2 mm 5/64") . . . . .Red

**103634** (3 mm 1/8") . . . . .Beige

**103340** (2 mm 5/64") . . . . .Black

**101248** (2 mm 5/64") . . . . .Green

**1NLSSL2C** (2 mm 5/64") . . . . .Cork

**100955** (2 mm 5/64") . . . . .Lime

**103341** (3 mm 1/8") . . . . .Black

**1NLSSL4** (4 mm 5/32") . . . . .Beige

1.27 m x 88.9 cm, 50" x 35" (2 Colour)

**101237** (2 mm 5/64") . . . . .White/Black

**101238** (2 mm 5/64") . . . . .Lilac/Black

**101239** (2 mm 5/64") . . . . .Yellow/Black

**101240** (2 mm 5/64") . . . . .Pink/Black

**100956** (2 mm 5/64") . . . . .Orange/Blue

1.27 m x 88.9 cm, 50" x 35" (4 colour)

**101241** (2 mm 5/64") . . . . .Red/Yellow/Blue/Green (Quattro)

1.27 m x 88.9 cm, 50" x 35"

**100952** (2 mm 1/8") . . . . .Black/Red

**100953** (2 mm 1/8") . . . . .Retro

nora® Lunasoft SL are extremely lightweight, smooth EVA expanded sheets. Depending on the thickness of the material, these single-coloured and patterned versions of Lunasoft SL are used as covering sheets or as lifts and cushioning sheets.

**APPLICATIONS:** For beddings, inserts, sport inserts, and shaping elements. To cover inserts, as midsole material for children's shoes and universal and skin-friendly covering of surfaces or outer shell of a 2-layer socket.

**PROPERTIES:** Lightweight, dimensionally stable, and resilient; washable and hygienic due to the closed cell structure.

**PROCESSING NOTES:** Thermoformable at 120 °C - 170 °C.

- Beige
- Stone Grey
- Black
- Mid. Blue
- Green
- Red
- Lime
- Cork
- Black/Red
- Retro
- White/Black
- Lilac/Black
- Pink/Black
- Orange/Blue
- Quattro
- Yellow/black



**LUNASOFT AL EVA EXPANDED SHEETS • 52 DUROMETER**

91.4 cm x 55.9 cm, 36" x 22"

**1NLSAL6** (6 mm 1/4") . . . . . Beige

Beige



nora® Lunasoft AL are lightweight, and stable EVA expanded sheets.

**APPLICATIONS:** These sheets are particularly suited as lifting material for sports and leisure shoes as well as flexible street shoes. Used for inserts, sport inserts and foot beddings as stabilising shaping element, e.g. to support the backfoot.

**PROPERTIES:** This high-quality lifting material is characterised by low weight and high stability.

**PROCESSING NOTES:** Thermoformable at 120 °C - 170 °C.

**LUNALIGHT EVA EXPANDED SHEETS • 58 DUROMETER**

85.1 cm x 54.6 cm, 33.5" x 21.5"

- 1NLLA4** (4 mm 5/32") . . . . . Beige
- 101225** (6 mm 1/4") . . . . . Beige
- 101226** (6 mm 1/4") . . . . . Black
- 101227** (6 mm 1/4") . . . . . Taupe
- 101228** (6 mm 1/4") . . . . . Bark
- 101229** (6 mm 1/4") . . . . . Pale Brown
- 101230** (6 mm 1/4") . . . . . Navy
- 101231** (8 mm 5/16") . . . . . Beige
- 101232** (8 mm 5/16") . . . . . Black
- 101233** (10 mm 25/64") . . . . . Beige
- 101234** (10 mm 25/64") . . . . . Black
- 101235** (12 mm 1/2") . . . . . Beige
- 101236** (12 mm 1/2") . . . . . Black

- Beige
- Black
- Taupe
- Bark
- Pale Brown
- Navy



**APPLICATIONS:** Lift sheets, for roll soles (for butterfly or joint rolls), for elevation of outer and inner edges, for midsoles, in addition to shell bottoms.

**PROPERTIES:** Particularly hard and rigid, dimensionally stable.

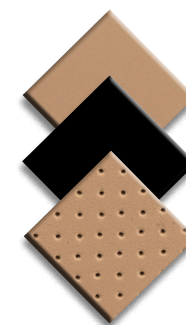
**PROCESSING NOTES:** Usual EVA bonding. Thermoformable at 120 °C - 170 °C.

**LUNACELL EVA EXPANDED SHEETS • 68 DUROMETER**

85.1 cm x 1.07 m, 33.5" x 42.5"

- 101219** (1.5 mm 1/16") . . . . . Beige
- 101220** (1.5 mm 1/16") . . . . . Black
- 1NLC15P** (1.5 mm 1/16") . . . . . Beige (Perforated)

- Beige
- Black
- Perforated Beige



85.1 cm x 54.6 cm, 33.5" x 21.5"

- 101221** (3 mm 1/8") . . . . . Beige
- 101223** (6 mm 1/4") . . . . . Beige
- 101224** (6 mm 1/4") . . . . . Black
- 1NLC18** (8 mm 5/16") . . . . . Beige
- 101215** (10 mm 25/64") . . . . . Beige
- 101216** (10 mm 25/64") . . . . . Black
- 101217** (12 mm 1/2") . . . . . Beige
- 101218** (12 mm 1/2") . . . . . Black

**APPLICATIONS:** Black - lift sheets, for working shoes with high demands, for Thomas heels with frontal median, for ladies black heels, for wedge bottoms, for midsoles and stabilising parts, for sports shoes in connection with Lunasoft A, SL, SLW, and Lunelight A, for inserts and foot beddings as high-stress reinforcing element (Beige, Beige Perforated) covering material for smooth or formed inserts of ladies, men's and children's shoes. Ideal for inserts in shoes with membrane system.

**PROPERTIES:** Black - anti-slip scratch & tear-resistant, highly stable, and unsusceptible to deformation, particularly hard and rigid, excellent trim properties. (Beige, Beige Perforated) particularly hard and rigid, dimensionally stable.

**PROCESSING NOTES:** Usual EVA bonding. Thermoformable at 120 °C - 170 °C.

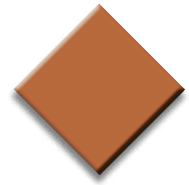


**NORIT SEMI-EXPANDED SHEETS • THERMAL MOLDABLE (S.B.R.)**

78.7 cm x 99.1 cm, 31" x 39"

- 1NN2** (2 mm 5/64") ..... Brown
- 1NN3** (3 mm 1/8") ..... Brown

Brown



**APPLICATIONS:** Stabilising material for insert elements in orthopaedic shoes, e.g. rigid tongues, ankle supports peroneal caps and insoles.

**PROPERTIES:** High dimensional stability and resilience. Excellent bending endurance, can be excellently sewn, cut, milled and ground. Wear-resistant and washable.

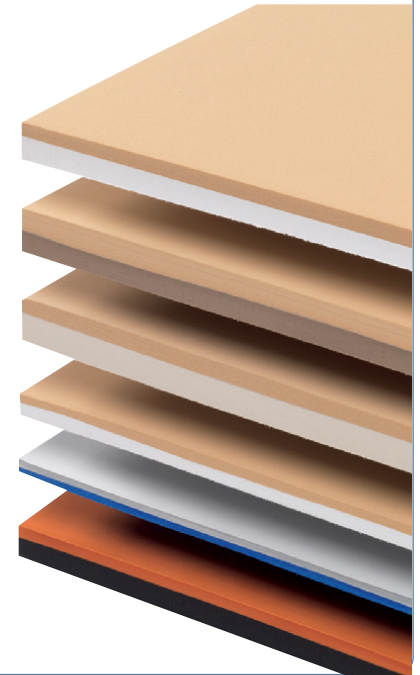
**PROCESSING NOTES:** Easy to bond with polychloroprene adhesive, thermoformable at 120°C - 170°C.

**LUNATEC COMBI 1-6**

nora® Lunatec combi sheets are vulcanised compositions of proven nora® qualities. nora® Lunatec combi is an innovative product development in composite sheets: two different materials are vulcanized together already during the manufacturing process and guarantee secure strength, without any bonding. nora® Lunatec combi is the ideal basis for the manufacture of foot beddings and inserts in orthopaedic shoe engineering.

**PERMANENTLY BONDED BENEFITS ARE:**

- No gluing required.
- No displacement of the different materials when processing.
- A higher retention of volume because no deep drawing required.
- The composite sheets are thermoformable between 120°C - 130°C.
- Further advantages as compared to glued products: No bubble formation at the joints and no hardening because of the adhesive film.



**LUNATEC COMBI 1**

**AREAS OF APPLICATION:** Basis for orthopaedic foot beddings and inserts with permanently resilient and stabilizing function for increased stress. Suitable for geriatric foot, diabetes, rheumatism and as a basis for sports inserts.

<b>nora® LUNALASTIK</b>	<b>nora® LUNASOFT AL</b>
DENSITY: 0.23 g/cm <sup>3</sup>	DENSITY: 0.26 g/cm <sup>3</sup>
SHORE HARDNESS: 25 Shore A	SHORE HARDNESS: 52 Shore A
COLOUR: beige (07)	COLOUR: white (09)
THICKNESS: 6 mm	THICKNESS: 8 mm

*permanently resilient cushioning properties*

*stabilizing properties*

The vulcanised combination of:

25 Shore A	↑ approx. 14 mm ↓
52 Shore A	

**SHEET SIZE:**  
91.4 cm x 57.2 cm, 36" x 22.5"  
**1NLTC1**

**LUNATEC COMBI 2**

**AREAS OF APPLICATION:** Basis for orthopaedic foot beddings and inserts with permanently resilient and stabilizing function for increased stress. Suitable for geriatric foot, diabetes, rheumatism and as a basis for sports inserts.

<b>nora® LUNAIRFLEX</b>	<b>nora® LUNASOFT SLW</b>
DENSITY: 0.12 g/cm <sup>3</sup>	DENSITY: 0.20 g/cm <sup>3</sup>
SHORE HARDNESS: 22 Shore A	SHORE HARDNESS: 30 Shore A
COLOUR: beige (07)	COLOUR: grey-beige (17)
THICKNESS: 6 mm	THICKNESS: 10 mm

*bedding cushioning properties*

*permanently resilient cushioning properties*

The vulcanised combination of:

22 SHORE A	↑ approx. 16 mm ↓
30 SHORE A	

**SHEET SIZE:**  
91.4 cm x 57.2 cm, 36" x 22.5"  
**1NLTC2**

**LUNATEC COMBI 3**

**AREAS OF APPLICATION:** Basis for orthopaedic foot beddings and diabetes adapted foot beddings. Best suited for medium stress for the management of geriatric foot, rheumatism and advanced-stage diabetes.

<b>nora® LUNALASTIK</b>	<b>nora® LUNASOFT SLW</b>
DENSITY: 0.23 g/cm <sup>3</sup>	DENSITY: 0.20 g/cm <sup>3</sup>
SHORE HARDNESS: 25 Shore A	SHORE HARDNESS: 30 Shore A
COLOUR: beige (07)	COLOUR: stone (19)
THICKNESS: 6 mm	THICKNESS: 10 mm

*permanently resilient cushioning properties*

*permanently resilient cushioning properties*

The vulcanised combination of:

25 Shore A	↑ approx. 16 mm ↓
30 Shore A	

**SHEET SIZE:**  
86.4 cm x 57.2 cm, 34" x 22.5"  
**1NLTC3**

**LUNATEC COMBI 4**

**AREAS OF APPLICATION:** Basis for orthopaedic foot beddings and diabetes adapted foot beddings. Best suited for increased stress management of geriatric foot, rheumatism and advanced-stage diabetes.

<b>nora® LUNAIRFLEX</b>	<b>nora® LUNALASTIK</b>
DENSITY: 0.12 g/cm <sup>3</sup>	DENSITY: 0.23 g/cm <sup>3</sup>
SHORE HARDNESS: 22 Shore A	SHORE HARDNESS: 25 Shore A
COLOUR: beige (07)	COLOUR: white (09)
THICKNESS: 3 mm	THICKNESS: 6 mm

*bedding cushioning properties*

*permanently resilient cushioning properties*

The vulcanised combination of:

22 Shore A	↑ approx. 9 mm ↓
25 Shore A	

**SHEET SIZE:**  
86.4 cm x 57.2 cm, 34" x 22.5"  
**1NLTC4**

**LUNATEC COMBI 5**


**AREAS OF APPLICATION:** Basis for efficiently finished, thin, bedding inserts, e.g. a long-soled insert with optimal soft bedding in the forefoot. Suitable for the cushioning of orthoses, prostheses, and soft sockets.

**nora® LUNALASTIK**

**DENSITY:** 0.23 g/cm<sup>3</sup>  
**SHORE HARDNESS:** 25 Shore A  
**COLOUR:** bright grey (60)  
**THICKNESS:** 3 mm

*bedding cushioning properties*

The vulcanised combination of:  
 25 Shore A  
 30 Shore A



approx. 7 mm

**nora® LUNASOFT SLW**

**DENSITY:** 0.20 g/cm<sup>3</sup>  
**SHORE HARDNESS:** 30 Shore A  
**COLOUR:** royal blue (111)  
**THICKNESS:** 4 mm

*permanently resilient cushioning properties*

**SHEET SIZE:**  
 94 cm x 59.7 cm, 37" x 23.5"  
**100700**

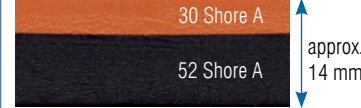
**LUNATEC COMBI 6**

**AREAS OF APPLICATION:** Basis for efficiently finished sporty and modern inserts or footbeddings, e.g. long-soled sports inserts.

**nora® LUNAIRFLEX**

**DENSITY:** 0.20 g/cm<sup>3</sup>  
**SHORE HARDNESS:** 30 Shore A  
**COLOUR:** terra (137)  
**THICKNESS:** 4 mm

*bedding cushioning properties*  
 The vulcanised combination of:



30 Shore A  
 52 Shore A  
 approx. 14 mm

**nora® LUNALASTIK**

**DENSITY:** 0.26 g/cm<sup>3</sup>  
**SHORE HARDNESS:** 52 Shore A  
**COLOUR:** black (81)  
**THICKNESS:** 10 mm

*stabilizing properties*

**SHEET SIZE:**  
 87.6 cm x 55.9 cm, 34.5" x 22"  
**1NLTC6**

**LUNASOFT AL WEDGE • 50 DUROMETER (POSTING STRIPS)**

(3 mm) 55.8 cm, 22" LONG

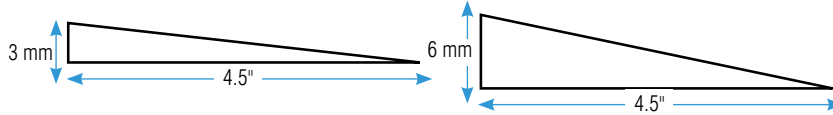
**101255** (Beige)

**101256** (Black)

(6 mm) 55.8 cm, 22" LONG

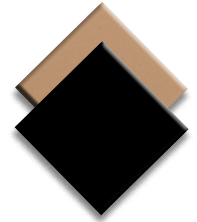
**101257** (Beige)

**101258** (Black)



Beige

Black



**ASTRAL SOLING SHEETS • 69 DUROMETER**

39.4 cm x 92.7 cm, 15.5" x 36.5" ..... **ASTRAL ROUGH WAVE (CHEVRON SOLING)**

**1NARW4** (4 mm 5/32") ..... White

53.3 cm x 76.2 cm, 21" x 30" ..... **(FINE CREPE SOLING)**

**101211** (1.8 mm 1/16") ..... White

**101212** (1.8 mm 1/16") ..... Black

**101213** (1.8 mm 1/16") ..... Smoke

**101214** (1.8 mm 1/16") ..... Pebble

54.6 cm x 99.1 cm, 21.5" x 39" ..... **(MEDIUM CREPE SOLING)**

**1NAMC4** (4 mm 5/32") ..... Black

**1NAMC6** (6 mm 1/4") ..... Black

**nora® ASTRAL** Soling sheets are made of transparent compast rubber for both sole and heel areas.

**APPLICATIONS:** Is suitable both for high-quality repairs and for use as outsoles for orthopaedic shoe finishing and orthopaedic shoes. The variety of profiles and colours facilitates optimum adaptation to any shoe type and any season.

**PROPERTIES:** nora® Astral grade is extremely wear & slip-resistant and is characterised by a high level of extensibility. Due to the resilient special mixture with a hardness of approx. 69 Shore A (durometer), an excellent walking comfort is obtained. nora® Astral profile 26 fine crepe in the thickness of 1.8mm is particularly suitable to produce dished edges.

White

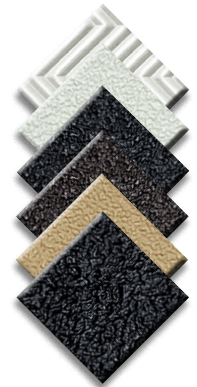
White

Black

Smoke

Pebble

Black



**NORA® ASTROLIGHT STAR • 50 DUROMETER**

94 cm x 53.6 cm, 37" x 21.1"

**102270** (4 mm 5/32") ..... White

**102271** (4 mm 5/32") ..... Black

**nora® ASTROLIGHT** are anti-slip soiling made of expanded rubber. When developing the Astrolight grade, particular attention was directed to maintain the known good properties of Astro and at the same time to reduce the weight of the material.

**PROPERTIES:** nora® Astrolight has a weight which was reduced by approx. 20%. Low weight, excellent abrasion and extraordinary resilience make Astrolight the soling sheet for sophisticated demands in repair, shoe finishing, and production of flexible footwear.

White

Black



**NORA® ASTROLIGHT DELTA • 50 DUROMETER**

94 cm x 53.6 cm, 37" x 21.1"

**102291** (4 mm 5/32") ..... Black

The profile 95 delta means an extraordinary look and safe tread. The small triangles of the profile are arranged to form a hexagon. The brand nora® harmoniously and non-directionally fits into the product range.

Black



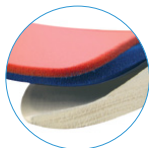
*HEAT MOLDABLE ORTHOTIC PRE-FAB (LATEX FREE)*

**SIZES:** 35-46  
**TOP LAYER:** (15 Duro) Full Length Red Poron  
**MID LAYER:** (35 Duro) Full Length Blue EVA  
**BOTTOM LAYER:** (45 Duro) 3/4 Length White EVA



**3 LAYERS**

- Heat for 2 ½ minutes at 200° F - 225° F
- Milled sides
- Unfinished (not milled) bottom ready for posting, etc.
- Half-glued for easy metatarsal pad insertion or modification



<b>100288</b> Size 35	<b>100100</b> Size 39	<b>100104</b> Size 43
<b>100097</b> Size 36	<b>100101</b> Size 40	<b>100105</b> Size 44
<b>100098</b> Size 37	<b>100102</b> Size 41	<b>100106</b> Size 45
<b>100099</b> Size 38	<b>100103</b> Size 42	<b>100107</b> Size 46

**SIZES:** 35-46  
**TOP LAYER:** (35 Duro) Full Length Black EVA  
**BOTTOM LAYER:** (45 Duro) 3/4 Length White EVA



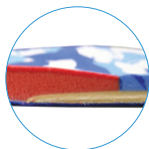
**2 LAYERS**

- Heat for 2 ½ minutes at 200° F - 225° F
- Milled sides
- Unfinished (not milled) bottom ready for posting, etc.
- Half-glued for easy metatarsal pad insertion or modification



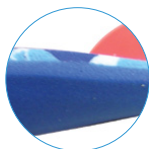
<b>100287</b> Size 35	<b>100089</b> Size 39	<b>100093</b> Size 43
<b>100086</b> Size 36	<b>100090</b> Size 40	<b>100094</b> Size 44
<b>100087</b> Size 37	<b>100091</b> Size 41	<b>100095</b> Size 45
<b>100088</b> Size 38	<b>100092</b> Size 42	<b>100096</b> Size 46

**SIZES:** 35-46  
**TOP LAYER:** (35 Duro) Full Length Blue and White Marble Metatarsal and Heel Cushioning (Red Poron/ Red EVA)  
**MID LAYER:** 3/4 Length Polypro Arch  
**BOTTOM LAYER:** Ultra Thin Blue EVA



**3 LAYERS**

- Heat for 2 ½ minutes at 200° F - 225° F
- Ultra thin
- Milled sides
- Finished bottom not posted



<b>100285</b> Size 35	<b>100067</b> Size 39	<b>100071</b> Size 43
<b>100064</b> Size 36	<b>100068</b> Size 40	<b>100072</b> Size 44
<b>100065</b> Size 37	<b>100069</b> Size 41	<b>100073</b> Size 45
<b>100066</b> Size 38	<b>100070</b> Size 42	<b>100074</b> Size 46

**SIZES:** 35-46  
**TOP LAYER:** (45 Duro) 3/4 Length White EVA

**1 LAYER**

- Heat for 2 ½ minutes at 200° F - 225° F
- Milled sides
- Unfinished (not milled) bottom ready for posting, etc.

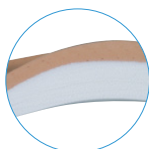


<b>100289</b> Size 35	<b>100111</b> Size 39	<b>100115</b> Size 43
<b>100108</b> Size 36	<b>100112</b> Size 40	<b>100116</b> Size 44
<b>100109</b> Size 37	<b>100113</b> Size 41	<b>100117</b> Size 45
<b>100110</b> Size 38	<b>100114</b> Size 42	<b>100118</b> Size 46

**SIZES:** 35-49  
**TOP LAYER:** (35 Duro) Full Length Skin Perforated EVA  
**BOTTOM LAYER:** (35 Duro) 3/4 Length White EVA

**2 LAYERS**

- Heat for 2 ½ minutes at 200° F - 225° F
- Milled sides
- Unfinished (not milled) bottom ready for posting, etc.



<b>100270</b> Size 35	<b>100275</b> Size 40	<b>100280</b> Size 45
<b>100271</b> Size 36	<b>100276</b> Size 41	<b>100281</b> Size 46
<b>100272</b> Size 37	<b>100277</b> Size 42	<b>100282</b> Size 47
<b>100273</b> Size 38	<b>100278</b> Size 43	<b>100283</b> Size 48
<b>100274</b> Size 39	<b>100279</b> Size 44	<b>100284</b> Size 49

\* Proform™ heat moldable pre-fabs are available for custom order, please contact your sales representative for more information.

National Shoe Specialties is proud to offer the most extensive line of EVA fabrication materials in Canada. We can offer custom thicknesses (1mm-36mm), colours, durometers, and laminations in most of our Proform™, Orthoplast™, and Featherlite™ brands. Call our customer service team at 1-800-387-5246 and let us know your specific requirements.

**SOLID COLOUR PROFORM™ EVA ROLLS (LATEX FREE)**

45 DUROMETER

4 m x 31 cm, 157" x 12"

- 100040** (1 mm 3/64") . . . . . Black
- 100044** (1 mm 3/64") . . . . . Beige
- 100043** (1 mm 3/64") . . . . . Mocca
- 100041** (1 mm 3/64") . . . . . Navy
- 100042** (1 mm 3/64") . . . . . Mid Blue
- 100045** (1 mm 3/64") . . . . . Light Blue
- 100047** (1 mm 3/64") . . . . . Purple
- 100046** (1 mm 3/64") . . . . . Light Purple (Violet Red)
- 100048** (1 mm 3/64") . . . . . Pink



- Black
- Beige
- Mocca
- Navy
- Mid Blue
- Light Blue
- Purple
- Light Purple (Violet Red)
- Pink



**PERFORATED PROFORM™ EVA ROLLS (LATEX FREE)**

45 DUROMETER

4 m x 31 cm, 157" x 12" Perforated Sheets

- 100059** (1 mm 3/64") . . . . . Black
- 100061** (1 mm 3/64") . . . . . Beige
- 100062** (1 mm 3/64") . . . . . Mocca
- 100060** (1 mm 3/64") . . . . . Navy



- Black Perforated
- Beige Perforated
- Mocca Perforated
- Navy Perforated



**MULTI-COLOUR PROFORM™ EVA ROLLS (LATEX FREE)**

30 DUROMETER

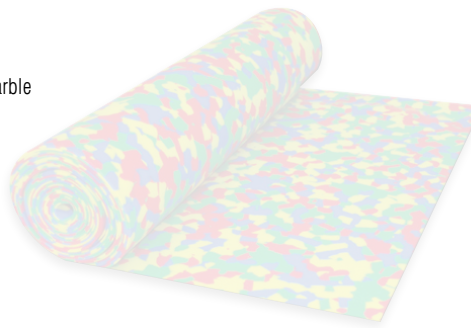
4 m x 31 cm, 157" x 12"

- 100057** (1 mm 3/64") . . . . . Camouflage
- 100055** (1 mm 3/64") . . . . . Green/Black/Blue Marble
- 100052** (1 mm 3/64") . . . . . Blue/White Marble
- 100053** (1 mm 3/64") . . . . . Yellow/Green/Blue/Red Marble

45 DUROMETER

4 m x 31 cm, 157" x 12"

- 100050** (1 mm 3/64") . . . . . Beige Cork
- 100056** (1 mm 3/64") . . . . . Purple Swirl
- 100051** (1 mm 3/64") . . . . . Blue Swirl
- 100058** (1 mm 3/64") . . . . . Fire Swirl



- Camouflage
- Grn/Blk/Blue Marble
- Blue/White Marble
- Yel/Grn/Blue/Red Marble
- Beige Cork
- Purple Swirl
- Blue Swirl
- Fire Swirl



**PROFORM™ DUAL-LAM EVA SHEETS (LATEX FREE)**

IDEAL FOR ORTHOTIC SHELLS - Heat for 1 minute at 275 ° F

LAYERS: 50 Duro White (3mm), 25 Duro Blue (3mm) LAYERS: 50 Duro Black (3mm), 25 Duro Blue (3mm)

33 cm x 91.4 cm, 13" x 36"

- 100655** (6 mm 1/4") . . . . . Blue/White
- 100683** (6 mm 1/4") . . . . . Blue/Black



\* Proform™ EVA sheets are available for custom order. Please contact your sales representative for more information.

\* All ProForm® multi-colour and solid colour EVA is subject to the occasional "hole" which is normal due to the formation of air pocket in the manufacturing process. This "hole" effect may appear more frequently on the sheets of a thinner thickness. (1 mm - 2.5 mm Sheets)

**PROFORM™ TRI LAM EVA SHEETS (LATEX FREE)**

IDEAL FOR ORTHOTIC SHELLS - Heat for 2.5 minutes at 275°

LAYERS: 35 Duro Blue (3mm), 65 Duro Black (3mm), 35 Duro Blue (3mm)

40.6 cm x 91.4 cm, 16" x 36"

**100207** (9 mm 3/8") . . . . . Blue/Black



**PROFORM™ EVA SHEETS (LATEX FREE)**

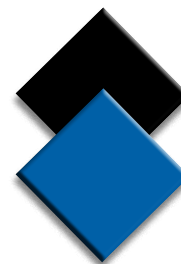
**20 DUROMETER**

66 cm x 1.2 m, 26" x 40" Solid Colour Sheets

- 100202** (3 mm 1/8") . . . . . Black
- 100206** (3 mm 1/8") . . . . . Mid Blue
- 100203** (6 mm 1/4") . . . . . Black
- 100124** (6 mm 1/4") . . . . . Mid Blue
- 100204** (9 mm 3/8") . . . . . Black
- 100125** (9 mm 3/8") . . . . . Mid Blue
- 100205** (12 mm 1/2") . . . . . Black
- 100126** (12 mm 1/2") . . . . . Mid Blue

Black

Mid Blue



**30 DUROMETER**

80 cm x 80 cm, 31.5" x 31.5" Multi-Colour Sheets

- 100031** (1.5 mm 1/16") . . . . . Green/Black/Blue Marble
- 100033** (1.5 mm 1/16") . . . . . Camouflage
- 103839** (1.5 mm 1/16") . . . . . Blue/Orange
- 103841** (1.5 mm 1/16") . . . . . Pink/Purple/White (Candy)
- 103845** (1.5 mm 1/16") . . . . . Green/Black (Army)
- 103840** (3 mm 1/8") . . . . . Blue/Orange
- 103842** (3 mm 1/8") . . . . . Pink/Purple/White (Candy)
- 103846** (3 mm 1/8") . . . . . Green/Black (Army)

Grn/Blk/Blue  
Marble

Camouflage

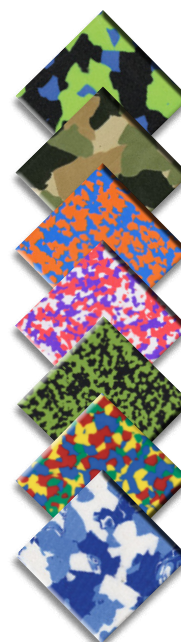
Blue/Orange

Pink/Purple/  
White (Candy)

Grn/Blk  
(Army)

Yel/Grn/Blue/  
Red Marble

Blue/White  
Marble



99.1 cm x 99.1 cm, 39" x 39" Multi-Colour Sheets

- 100025** (1.5 mm 1/16") . . . . . Yellow/Green/Blue/Red  
Marble
- 100029** (1.5 mm 1/16") . . . . . Blue/White Marble
- 100026** (3 mm 1/8") . . . . . Yellow/Green/Blue/Red  
Marble
- 100030** (3 mm 1/8") . . . . . Blue/White Marble
- 100032** (3 mm 1/8") . . . . . Green/Black/Blue Marble
- 100034** (3 mm 1/8") . . . . . Camouflage

**35 DUROMETER**

63.5 cm x 91.4 cm, 25" x 36" Solid Colour Sheets

- 100149** (2 mm 5/64") . . . . . Black
- 100127** (2 mm 5/64") . . . . . White
- 100136** (2 mm 5/64") . . . . . Mid Blue
- 100392** (2 mm 5/64") . . . . . Red
- 100150** (3 mm 1/8") . . . . . Black
- 100141** (3 mm 1/8") . . . . . Oak
- 100137** (3 mm 1/8") . . . . . Mid Blue
- 100132** (3 mm 1/8") . . . . . Grey
- 100151** (6 mm 1/4") . . . . . Black
- 100145** (6 mm 1/4") . . . . . Brown
- 100128** (6 mm 1/4") . . . . . White
- 100142** (6 mm 1/4") . . . . . Oak
- 100138** (6 mm 1/4") . . . . . Mid Blue
- 100133** (6 mm 1/4") . . . . . Grey
- 100393** (6 mm 1/4") . . . . . Red
- 100152** (9 mm 3/8") . . . . . Black
- 100146** (9 mm 3/8") . . . . . Brown
- 100394** (9 mm 3/8") . . . . . Red
- 100129** (9 mm 3/8") . . . . . White
- 100143** (9 mm 3/8") . . . . . Oak
- 100139** (9 mm 3/8") . . . . . Mid Blue
- 100134** (9 mm 3/8") . . . . . Grey
- 100153** (12 mm 1/2") . . . . . Black
- 100147** (12 mm 1/2") . . . . . Brown
- 100130** (12 mm 1/2") . . . . . White
- 100144** (12 mm 1/2") . . . . . Oak
- 100140** (12 mm 1/2") . . . . . Mid Blue
- 100135** (12 mm 1/2") . . . . . Grey
- 100395** (12 mm 1/2") . . . . . Red
- 100154** (24 mm 1") . . . . . Black
- 100148** (24 mm 1") . . . . . Brown
- 100131** (24 mm 1") . . . . . White

Black

White

Mid Blue

Oak

Grey

Brown

Red



\* Proform™ EVA sheets are available for custom order. Please contact your sales representative for more information.

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**PROFORM™ EVA SHEETS (LATEX FREE)**

**40 DUROMETER**

96.5 cm x 1.5 m, 38" x 61" Perforated Sheets

**100915** (2 mm 5/64") . . . . . Black

**40 DUROMETER**

99.1 cm x 99.1 cm, 39" x 39" Perforated Sheets

**102720** (2 mm 5/64") . . . . . Mid Blue Perforated

**45 DUROMETER**

66 cm x 86.4 cm, 23" x 34" Solid Colour Sheets

**100156** (3 mm 1/8") . . . . . Black

**100158** (3 mm 1/8") . . . . . Oak

**100391** (6 mm 1/4") . . . . . Oak

**100157** (6 mm 1/4") . . . . . Black

**100160** (6 mm 1/4") . . . . . White

**100161** (9 mm 3/8") . . . . . White

**100688** (9 mm 3/8") . . . . . Black

**100162** (12 mm 1/2") . . . . . White

**100689** (12 mm 1/2") . . . . . Black

72.4 cm x 92.7 cm, 28.5" x 36.5" Multi-Colour Sheets

**100155** (3 mm 1/8") . . . . . Camouflage

85.1 cm x 1.2 m, 33.5" x 45.5" Solid Colour Sheets

**100484** (34 mm 1 1/32") . . . . . Oak

99.1 cm x 99.1 cm, 39" x 39" Solid Colour Perforated Sheets

**100035** (1.5 mm 1/16") . . . . . Black

**100036** (1.5 mm 1/16") . . . . . Mid Blue

**100037** (1.5 mm 1/16") . . . . . Peach

**100038** (1.5 mm 1/16") . . . . . Navy

**100039** (1.5 mm 1/16") . . . . . Beige

99.1 cm x 99.1 cm, 39" x 39" Solid Colour Sheets

**100063** (1.5 mm 1/16") . . . . . Black

**100007** (1.5 mm 1/16") . . . . . Pink

**100009** (1.5 mm 1/16") . . . . . Light Blue

**100011** (1.5 mm 1/16") . . . . . Red

**100013** (1.5 mm 1/16") . . . . . Orange

**100015** (1.5 mm 1/16") . . . . . Yellow

**100017** (1.5 mm 1/16") . . . . . Mocca

**100019** (1.5 mm 1/16") . . . . . Navy

**100021** (1.5 mm 1/16") . . . . . Peach

**100023** (1.5 mm 1/16") . . . . . Marine Green

**100010** (3 mm 1/8") . . . . . Light Blue

**100012** (3 mm 1/8") . . . . . Red

**100014** (3 mm 1/8") . . . . . Orange

**100018** (3 mm 1/8") . . . . . Mocca

**100020** (3 mm 1/8") . . . . . Navy

**100022** (3 mm 1/8") . . . . . Peach

**100024** (3 mm 1/8") . . . . . Marine Green

**100008** (3 mm 1/8") . . . . . Pink

99.1 cm x 99.1 cm, 39" x 39" Multi-Colour Sheets

**100001** (1.5 mm 1/16") . . . . . Fire Swirl

**100003** (1.5 mm 1/16") . . . . . Blue Swirl

**100005** (1.5 mm 1/16") . . . . . Purple Swirl

**103843** (1.5 mm 1/16") . . . . . Beige Swirl

**100002** (3 mm 1/8") . . . . . Fire Swirl

**100004** (3 mm 1/8") . . . . . Blue Swirl

**100006** (3 mm 1/8") . . . . . Purple Swirl

**103844** (3 mm 1/8") . . . . . Beige Swirl

**55 DUROMETER**

53.3 cm x 81.3 cm, 21" x 32" Solid Colour Sheets

**100182** (3 mm 1/8") . . . . . Black

**100177** (3 mm 1/8") . . . . . Brown

**100163** (3 mm 1/8") . . . . . White

**100168** (3 mm 1/8") . . . . . Mid Blue

**100172** (3 mm 1/8") . . . . . Oak

**100183** (6 mm 1/4") . . . . . Black

**100178** (6 mm 1/4") . . . . . Brown

**100164** (6 mm 1/4") . . . . . White

**100169** (6 mm 1/4") . . . . . Mid Blue

**100173** (6 mm 1/4") . . . . . Oak

**100184** (9 mm 3/8") . . . . . Black

**100179** (9 mm 3/8") . . . . . Brown

**100165** (9 mm 3/8") . . . . . White

**100170** (9 mm 3/8") . . . . . Mid Blue

**100174** (9 mm 3/8") . . . . . Oak

Black Perforated

Black

Oak

White

Camouflage

Black Perforated

Mid Blue Perforated

Peach Perforated

Navy Perforated

Beige Perforated

Black

Pink

Lt. Blue

Red

Orange

Yellow

Mocca

Navy

Peach

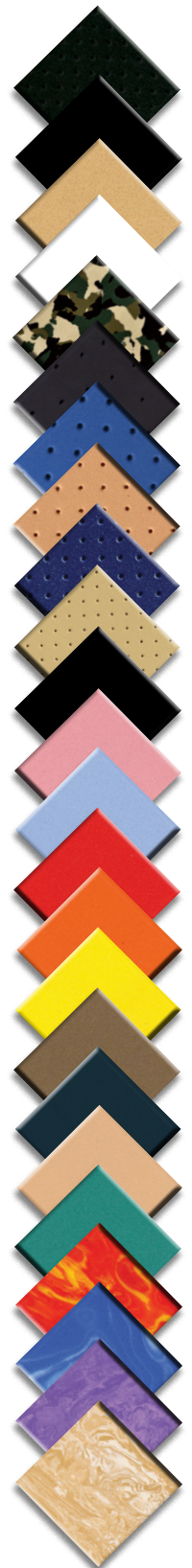
Marine Green

Fire Swirl

Blue Swirl

Purple Swirl

Beige Swirl



\* ProForm™ EVA sheets are available for custom order. Please contact your sales representative for more information.

\* All ProForm® multi-colour and solid colour EVA is subject to the occasional "hole" which is normal due to the formation of air pocket in the manufacturing process. This "hole" effect may appear more frequently on the sheets of a thinner thickness. (1 mm - 2.5 mm Sheets)

**PROFORM™ EVA SHEETS (LATEX FREE)**

**55 DUROMETER**

*53.3 cm x 81.3 cm, 21" x 32" Solid Colour Sheets*

<b>100185</b>	(12 mm 1/2")	.....	Black
<b>100180</b>	(12 mm 1/2")	.....	Brown
<b>100166</b>	(12 mm 1/2")	.....	White
<b>100171</b>	(12 mm 1/2")	.....	Mid Blue
<b>100175</b>	(12 mm 1/2")	.....	Oak
<b>100423</b>	(16 mm 5/8")	.....	Black
<b>100186</b>	(18 mm 3/4")	.....	Black
<b>100181</b>	(18 mm 3/4")	.....	Brown
<b>100167</b>	(18 mm 3/4")	.....	White
<b>100176</b>	(18 mm 3/4")	.....	Oak

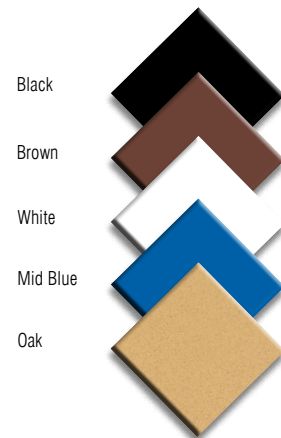
*81.3 cm x 1.1 m, 32" x 42" Solid Colour Sheets*

<b>100699</b>	(3 mm 1/8")	.....	Black
<b>100679</b>	(6 mm 1/4")	.....	Black
<b>100198</b>	(9 mm 3/8")	.....	Black
<b>100199</b>	(12 mm 1/2")	.....	Black
<b>100516</b>	(36 mm 1 <sup>21</sup> / <sub>50</sub> ")	.....	Oak

**65 DUROMETER**

*50.8 cm x 76.2 cm, 20" x 30" Solid Colour Sheets*

<b>100187</b>	(3 mm 1/8")	.....	Black
<b>100820</b>	(3 mm 1/8")	.....	Oak
<b>100188</b>	(6 mm 1/4")	.....	Black
<b>100191</b>	(6 mm 1/4")	.....	White
<b>100189</b>	(9 mm 3/8")	.....	Black
<b>100192</b>	(9 mm 3/8")	.....	White
<b>100390</b>	(9 mm 3/8")	.....	Oak
<b>100190</b>	(12 mm 1/2")	.....	Black
<b>100193</b>	(12 mm 1/2")	.....	White

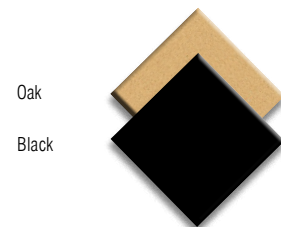


**FEATHERLITE™ FIRM EVA SHEETS (LATEX FREE)**

**70 DUROMETER**

*81.3 cm x 1.1 m, 32" x 43.5"*

<b>100194</b>	(6 mm 1/4")	.....	Oak
<b>100462</b>	(9 mm 5/8")	.....	Black



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**ORTHOPLAST™ EVA SHEETS (LATEX FREE)**

**ORTHOPLAST™ SERIES - (ALTERNATIVE TO NICKELPLAST™)**

Orthoplast™ is a high strength expanded orthotic material of excellent uniformity and superior working characteristics; tough and tear resistant offering a rubbery quality not found in other cross-linked materials. The combination of ethylene vinyl acetate and polyethylene provides superb shock absorbing qualities, is suitable for use when long wear, resilience and easy fabrication are necessary. PTB liners, insoles and foot orthotic postings are just a few possible applications. Orthoplast™ is easy to work with: heated from 300 °F - 350 °F for a few minutes, it becomes soft and easily yields to complex molding and shaping.

**LIGHT • 40 DUROMETER 97.8 cm x 1.3 m, 38.5" x 51"**

- 100196** (3 mm 1/8") ..... Mid Blue
- 100208** (5 mm 3/16") ..... Mid Blue

**FIRM • 50 DUROMETER 78.7 cm x 1.02 m, 31" x 40"**

- 100209** (3 mm 1/8") ..... Pale Yellow
- 100210** (5 mm 3/16") ..... Pale Yellow
- 100211** (6 mm 1/4") ..... Pale Yellow
- 100212** (9 mm 3/8") ..... Pale Yellow
- 100213** (10 mm 3/8") ..... Pale Yellow

**EXTRA FIRM • 65 DUROMETER 71.1 cm x 96.5 cm, 28" x 38"**

- 100217** (3 mm 1/8") ..... Tan
- 100218** (5 mm 3/16") ..... Tan
- 100219** (6 mm 1/4") ..... Tan
- 100220** (9 mm 3/8") ..... Tan
- 100221** (9 mm 3/8") ..... Brown



**EVA SHEETS - CLOUD, SOLEFLEX, & FIRM**

**CLOUD • 35 DUROMETER 45.7 cm x 91.4 cm, 18" x 36"**

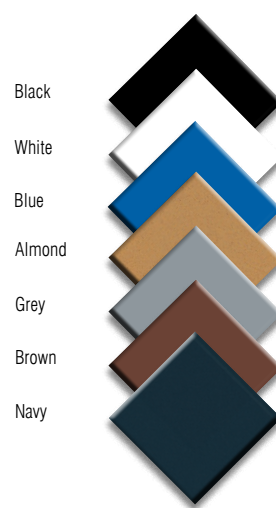
- 101878** (3 mm 1/8") ..... Black
- 101879** (3 mm 1/8") ..... White
- 101882** (3 mm 1/8") ..... Mid Blue
- 101859** (6 mm 1/4") ..... Black
- 101860** (6 mm 1/4") ..... White
- 101861** (6 mm 1/4") ..... Brown
- 101862** (6 mm 1/4") ..... Almond
- 101863** (6 mm 1/4") ..... Grey
- 101864** (9 mm 3/8") ..... Black
- 101865** (9 mm 3/8") ..... White
- 101866** (9 mm 3/8") ..... Brown
- 101867** (9 mm 3/8") ..... Almond
- 101868** (9 mm 3/8") ..... Grey
- 101869** (9 mm 3/8") ..... Blue
- 101870** (12 mm 1/2") ..... Black
- 101871** (12 mm 1/2") ..... White
- 101872** (12 mm 1/2") ..... Brown
- 101873** (12 mm 1/2") ..... Almond
- 101874** (12 mm 1/2") ..... Grey
- 101875** (24 mm 1") ..... Black
- 101876** (24 mm 1") ..... White
- 101877** (24 mm 1") ..... Brown

**SOLEFLEX • 55 DUROMETER 45.7 cm x 91.4 cm, 18" x 36"**

- 101902** (3 mm 1/8") ..... Black
- 101903** (3 mm 1/8") ..... White
- 101905** (3 mm 1/8") ..... Almond
- 101883** (6 mm 1/4") ..... Black
- 101884** (6 mm 1/4") ..... White
- 101885** (6 mm 1/4") ..... Brown
- 101886** (6 mm 1/4") ..... Almond
- 101887** (6 mm 1/4") ..... Grey
- 101888** (9 mm 3/8") ..... Black
- 101889** (9 mm 3/8") ..... White
- 101890** (9 mm 3/8") ..... Brown
- 101891** (9 mm 3/8") ..... Almond
- 101892** (9 mm 3/8") ..... Grey
- 101893** (12 mm 1/2") ..... Black
- 101894** (12 mm 1/2") ..... White
- 101895** (12 mm 1/2") ..... Brown
- 101896** (12 mm 1/2") ..... Almond
- 101897** (12 mm 1/2") ..... Grey
- 101898** (18 mm 3/4") ..... Black
- 101899** (18 mm 3/4") ..... White
- 101900** (18 mm 3/4") ..... Brown

**FIRM • 65 DUROMETER 45.7 cm x 91.4 cm, 18" x 36"**

- 1EVA6512** (6 mm 1/4") ..... White
- 101907** (9 mm 3/8") ..... Black
- 101908** (9 mm 3/8") ..... White
- 101910** (12 mm 1/2") ..... Black
- 101911** (12 mm 1/2") ..... White



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## EVA THERMOPLASTIC CORK SHEETS

A blend of EVA and Cork offers a unique thermoplastic product that is tough and easy to grind.

### AEROCORK W • 35 DUROMETER 53.3 cm x 1.09 m, 21" x 43"

- 2AW4** (4 mm 5/32") . . . . Aerocork W
- 2AW6** (6 mm 1/4") . . . . Aerocork W
- 2AW8** (8 mm 5/16") . . . . Aerocork W
- 2AW10** (10 mm 25/64") . . . Aerocork W



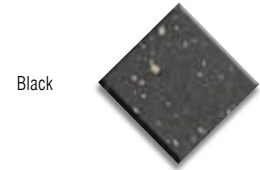
### MULTICORK • 60 DUROMETER 55.9 cm x 83.4 cm, 22" x 34"

- 2MC2** (2 mm 5/64") . . . . Multicork
- 2MC4** (4 mm 5/32") . . . . Multicork
- 2MC6** (6 mm 1/4") . . . . Multicork
- 2MC8** (8 mm 5/16") . . . . Multicork
- 2MC10** (10 mm 25/64") . . . Multicork
- 100355** (12 mm 1/2") . . . . Multicork



### MULTICORK • 60 DUROMETER 1.12 m x 86.4 cm, 44" x 34"

- 102272** (10 mm 25/64") . . . Multicork

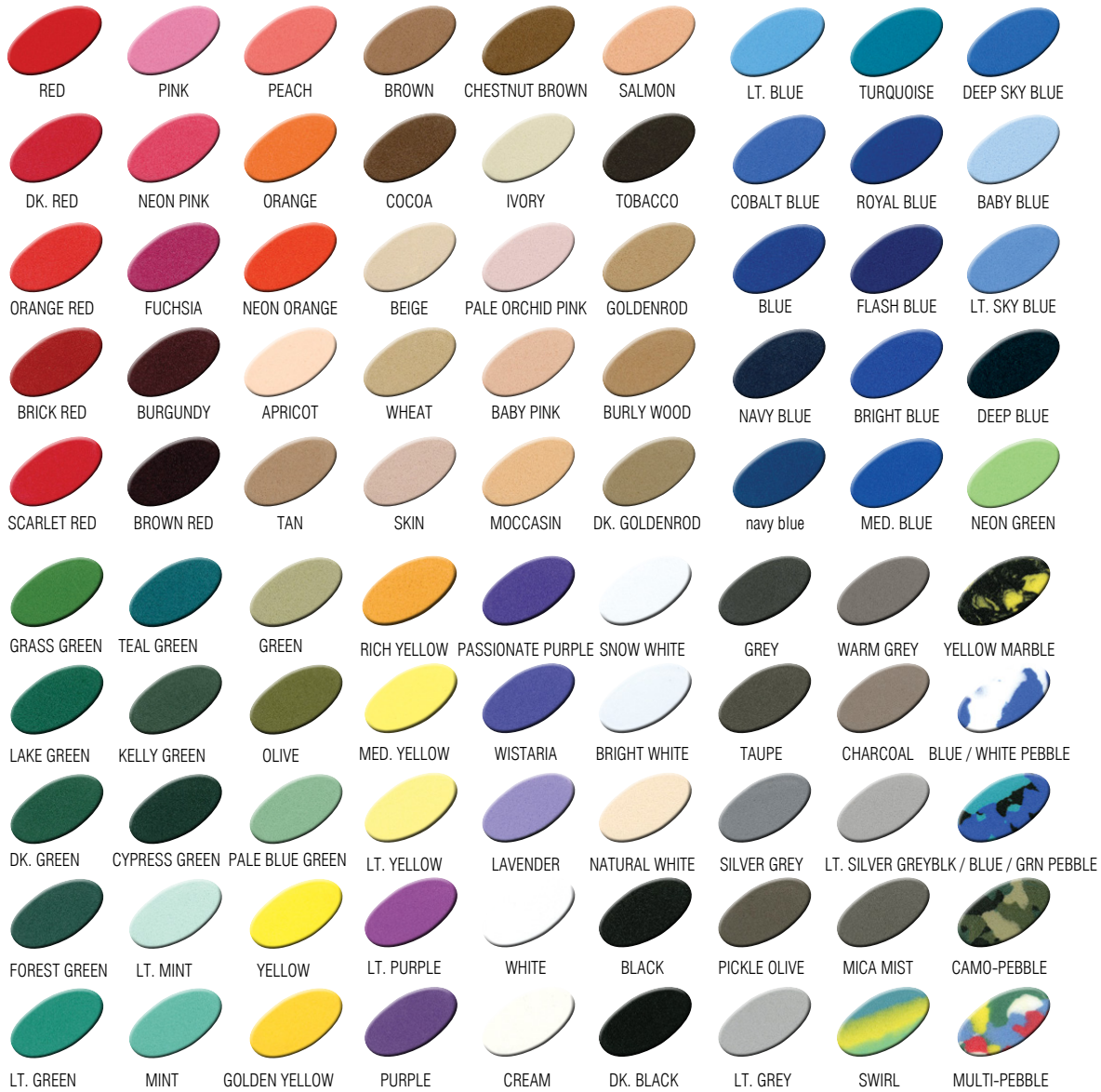


### MULTICORK • 55 DUROMETER 76.2 cm x 91.4 cm, 30" x 36"

- 100834** (6 mm 1/4") . . . . Black



## CUSTOM COLOURS AVAILABLE FOR EVA SHEETS, BLOCKERS & WEDGE STRIPS (SPECIAL ORDER)



\* Proform™ EVA sheets are available for custom order. Please contact your sales representative for more information.

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## CORK SHEETS

**RUBBERIZED CORK SHEETS 61 cm x 91.4 cm, 24" x 36"**

<b>2RCS116</b>	(1.5 mm 1/16")	.....	Rubberized Cork
<b>2RCS18</b>	(3 mm 1/8")	.....	Rubberized Cork
<b>2RCS316</b>	(5 mm 3/16")	.....	Rubberized Cork
<b>2RCS14</b>	(6 mm 1/4")	.....	Rubberized Cork

**REGULAR CORK SHEETS (COMPOSITION) 61 cm x 91.4 cm, 24" x 36"**

<b>2CS18</b>	(3 mm 1/8")	.....	Cork
<b>2CS14</b>	(6 mm 1/4")	.....	Cork
<b>2CS12</b>	(12 mm 1/2")	.....	Cork

Rubberized cork  
Cork



\*Top Cover blanks are available for custom order, please contact your sales representative for more information.

\*Birkenstock cork footbeds and sheets are available on page 169

RCH 500 is a low pressure polyethylene of high molecular weight and is thermomoldable at 150°C - 170°C.

RCH 1000 is a low pressure polyethylene of ultra high molecular weight and is thermomoldable at 160°C - 180°C.

**RCH500 AND RCH1000 ARE CHARACTERIZED BY THE FOLLOWING SPECIAL PROPERTIES:**

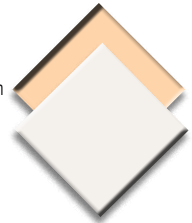
- non-irritating to the skin
- low co-efficient of friction, low weight
- easy to clean, easy processing and forming
- good resistance to chemicals; even to body perspiration
- low shrinkage and high dimensional stability

## RCH 500 - PRE-CUT BLANKS

12.7 cm x 22.9 cm, 5" x 9"

<b>2RCH5002FB59</b>	(2 mm 5/64")	....	Peach Flesh - SR
<b>2RCH5003FB59</b>	(3 mm 1/8")	.....	Peach Flesh - SR
<b>2RCH5004FB59</b>	(4 mm 5/32")	.....	Peach Flesh - SR
<b>2RCH5002NB59</b>	(2 mm 5/64")	....	Natural - SR
<b>2RCH5003NB59</b>	(3 mm 1/8")	.....	Natural - SR
<b>2RCH5004NB59</b>	(4 mm 5/32")	.....	Natural - SR

Peach Flesh  
Natural



## RCH 500 - SHEETS (Similar to Subortholene™)

93.4 cm x 96.5 cm, 37" x 38"

<b>2RCH5001F1</b>	(1 mm 3/64")	....	Peach Flesh - SR
<b>2RCH5002F1</b>	(2 mm 5/64")	.....	Peach Flesh - SR
<b>2RCH5003F1</b>	(3 mm 1/8")	.....	Peach Flesh - SR
<b>2RCH5004F1</b>	(4 mm 5/32")	.....	Peach Flesh - SR
<b>2RCH5005F1</b>	(5 mm 3/16")	.....	Peach Flesh - SR
<b>2RCH5002R1</b>	(2 mm 5/64")	.....	Red - SR
<b>2RCH5003R1</b>	(3 mm 1/8")	.....	Red - SR
<b>2RCH5004R1</b>	(4 mm 5/32")	.....	Red - SR
<b>2RCH5005R1</b>	(5 mm 3/16")	.....	Red - SR
<b>2RCH5002B1</b>	(2 mm 5/64")	.....	Blue - SR
<b>2RCH5003B1</b>	(3 mm 1/8")	.....	Blue - SR
<b>2RCH5002N1</b>	(2 mm 5/64")	.....	Natural - SR
<b>2RCH5003N1</b>	(3 mm 1/8")	.....	Natural - SR
<b>2RCH5004N1</b>	(4 mm 5/32")	.....	Natural - SR
<b>2RCH5005N1</b>	(5 mm 3/16")	.....	Natural - SR
<b>2RCH5002BL1</b>	(2 mm 5/64")	.....	Black - SR
<b>2RCH5003BL1</b>	(3 mm 1/8")	.....	Black - SR
<b>2RCH5004BL1</b>	(4 mm 5/32")	.....	Black - SR
<b>2RCH5005BL1</b>	(5 mm 3/16")	.....	Black - SR



Peach Flesh  
Red  
Blue  
Natural  
Black



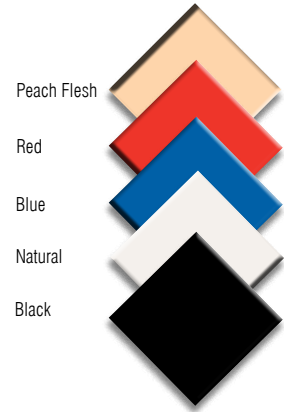
93.4 cm x 1.9 m, 37" x 76"

<b>2RCH5001F2</b>	(1 mm 3/64")	....	Peach Flesh - SR
<b>2RCH5002F2</b>	(2 mm 5/64")	.....	Peach Flesh - SR
<b>2RCH5003F2</b>	(3 mm 1/8")	.....	Peach Flesh - SR
<b>2RCH5004F2</b>	(4 mm 5/32")	.....	Peach Flesh - SR
<b>2RCH5005F2</b>	(5 mm 3/16")	.....	Peach Flesh - SR
<b>2RCH5002R2</b>	(2 mm 5/64")	.....	Red - SR
<b>2RCH5003R2</b>	(3 mm 1/8")	.....	Red - SR

## RCH 500 - SHEETS (Similar to Subortholene™)

96 cm x 96 cm, 37.8" x 37.8"

<b>2RCH5004R2</b>	(4 mm, 5/32")	.... Red - SR
<b>2RCH5005R2</b>	(5 mm, 3/16")	.... Red - SR
<b>2RCH5002B2</b>	(2 mm, 5/64")	.... Blue - SR
<b>2RCH5003B2</b>	(3 mm, 1/8")	.... Blue - SR
<b>2RCH5002N2</b>	(2 mm, 5/64")	.... Natural - SR
<b>2RCH5003N2</b>	(3 mm, 1/8")	.... Natural - SR
<b>2RCH5004N2</b>	(4 mm, 5/32")	.... Natural - SR
<b>2RCH5005N2</b>	(5 mm, 3/16")	.... Natural - SR
<b>2RCH5002BL2</b>	(2 mm, 5/64")	.... Black - SR
<b>2RCH5003BL2</b>	(3 mm, 1/8")	.... Black - SR
<b>2RCH5004BL2</b>	(4 mm, 3/32")	.... Black - SR
<b>2RCH5004BL2</b>	(5 mm, 3/16")	.... Black - SR



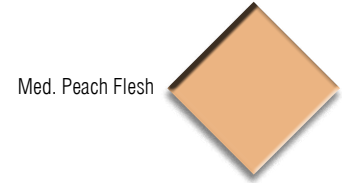
## RCH 1000 - SHEETS

96 cm x 96 cm, 37.8" x 37.8"

**2RCH10003F1** (3 mm, 1/8") ..... Med. Peach Flesh - SR

1.9 m x 96 cm, 75.6" x 37.8"

**2RCH10003F2** (3 mm, 1/8") ..... Med. Peach Flesh - SR



# POLYPROPYLENE SHEETS

## O & P GRADE POLYPROPYLENE SHEETS

This translucent polypropylene is ideal for a broad variety of orthotic and prosthetic applications. Polypropylene sheets are stress relieved.

10.2 cm x 10.2 cm, 4" x 4"

<b>2POP116N1</b>	(1.5 mm 1/16")	.. Natural - SR
<b>2POP332N1</b>	(2.4 mm 3/32")	.. Natural - SR
<b>2POP18N1</b>	(3 mm 1/8")	..... Natural - SR
<b>2POP532N1</b>	(4 mm 5/32")	..... Natural - SR
<b>2POP316N1</b>	(5 mm 3/16")	..... Natural - SR
<b>2POP14N1</b>	(6 mm 1/4")	..... Natural - SR

10.2 cm x 20.3 cm, 4" x 8"

<b>2POP116N2</b>	(1.5 mm 1/16")	.. Natural - SR
<b>2POP332N2</b>	(2.4 mm 3/32")	.. Natural - SR
<b>2POP18N2</b>	(3 mm 1/8")	..... Natural - SR
<b>2POP532N2</b>	(4 mm 5/32")	..... Natural - SR
<b>2POP316N2</b>	(5 mm 3/16")	..... Natural - SR
<b>2POP14N2</b>	(6 mm 1/4")	..... Natural - SR

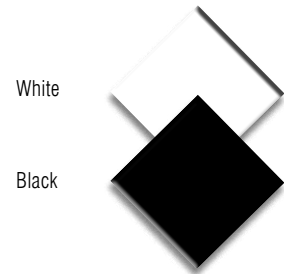
This coloured polypropylene is ideal for a broad variety of orthotic and prosthetic applications. Polypropylene sheets are stress relieved.

10.2 cm x 10.2 cm, 4" x 4"

<b>2POP18W1</b>	(3 mm 1/8")	..... White - SR
<b>2POP18B1</b>	(3 mm 1/8")	..... Black - SR
<b>2POP532B1</b>	(4 mm 5/32")	..... Black - SR
<b>2POP316B1</b>	(5 mm 3/16")	..... Black - SR
<b>100389</b>	(5 mm 3/16")	.... White - SR
<b>103325</b>	(5 mm 3/32")	.... Black

10.2 cm x 20.3 cm, 4" x 8"

<b>2POP18W2</b>	(3 mm 1/8")	..... White - SR
<b>2POP18B2</b>	(3 mm 1/8")	..... Black - SR
<b>2POP532B2</b>	(4 mm 5/32")	..... Black - SR
<b>2POP316B2</b>	(5 mm 3/16")	..... Black - SR
<b>100388</b>	(5 mm 3/16")	.... White - SR



## O & P GRADE CO-POLYMER SHEETS (SIMILAR TO COLENE™)

This co-polymer combines toughness with increased flexibility. Co-Polymer sheets are stress relieved.

10.2 cm x 10.2 cm, 4" x 4"

<b>2CP18N1</b>	(3 mm 1/8")	..... Natural - SR
<b>2CP532N1</b>	(4 mm 5/32")	..... Natural - SR
<b>2CP316N1</b>	(5 mm 3/16")	..... Natural - SR
<b>2CP14N1</b>	(6 mm 1/4")	..... Natural - SR

10.2 cm x 20.3 cm, 4" x 8"

<b>2CP18N2</b>	(3 mm 1/8")	..... Natural - SR
<b>2CP532N2</b>	(4 mm 5/32")	..... Natural - SR
<b>2CP316N2</b>	(5 mm 3/16")	..... Natural - SR
<b>2CP14N2</b>	(6 mm 1/4")	..... Natural - SR



**O & P GRADE LOW DENSITY POLYETHYLENE SHEETS**

This product is soft and flexible. It is ideal for AFO's, KAFO's, TLSO's and wrist/hand orthoses. Polyethylene sheets are stress relieved.

10.2 cm x 10.2 cm, 4" x 4"

- 2LDP332N1** (2.4 mm 3/32") . . . Natural - SR
- 2LDP18N1** (3 mm 1/8") . . . . . Natural - SR
- 2LDP532N1** (4 mm 5/32") . . . . . Natural - SR

10.2 cm x 20.3 cm, 4" x 8"

- 2LDP332N2** (2.4 mm 3/32") . . . Natural - SR
- 2LDP18N2** (3 mm 1/8") . . . . . Natural - SR
- 2LDP532N2** (4 mm 5/32") . . . . . Natural - SR

Natural



**HOT MILL GLOVES - CRUSADER FLEX GLOVES**

Nitrile-coated Hot Mill Gloves have a non-woven felt insulation and full-length heat barrier to provide protection when holding medium hot plastics, castings, etc. up to 400°F. Two piece construction eliminates outseams providing better finger comfort, dexterity and flexibility. An exclusive bonded nitrile-coating helps prevent snags, punctures, cuts and abrasions, while enhancing dry grip. Crusader Flex gloves wear an average of four times longer than 24-ounce cotton hot mill gloves.

**PLEASE NOTE:**

Crusader Flex Gloves are not a replacement for silicate gloves. They are designed for intermittent handling of medium hot objects up to 400°F.



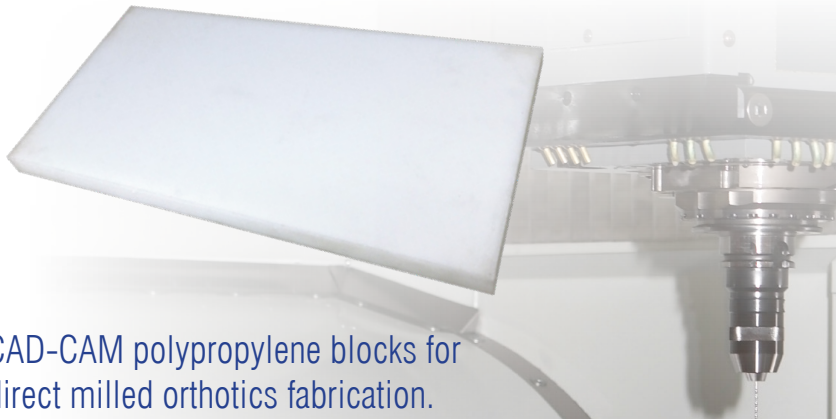
**100761** (14")

**BLOCKERS FOR CAD / CAM MILLING**

**POLYPRO MILLING BLOCK**

SIZE: 31 cm x 60.5 cm x 3.1 cm, 12.2" x 23.8" x 1.2"

**100908** (Natural)



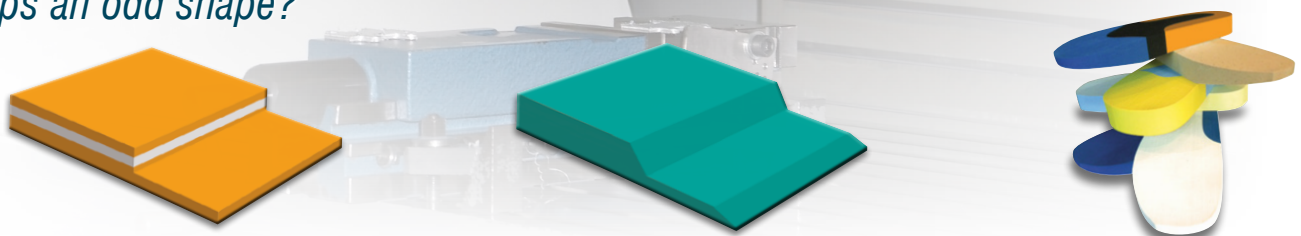
CAD-CAM polypropylene blocks for direct milled orthotics fabrication.

Density, g/cm3	0.90 - 0.91
Water absorption	0.03 - 0.04
Molding shrink ratio	1.0 - 2.0
Tensile strength, MPa	30.0 - 390
Elongation	>200
Bending strength, MPa	42.0 - 56.0
Impact strength	2.2 - 2.5
Compressive strength, MPa	39.0 - 50.0
Rigidity (HRC) R	95 - 105
Distortion temperature (1.86MPa) °C	56 - 67
(0.46MPa) °C	100 - 116
Brittleness, °C	-35
Dielectric constant (108H)	2.0 - 2.6
Disruptive strength, Kv/mm	30
Dielectric loss	0.001
Arc resistances	125 - 185

**BLOCKERS FOR CAD / CAM MILLING**

Modern technology is now being utilized in the fabrication of orthotic appliances and National Shoe Specialties offers many different blockers to your specifications.

*Looking for a specific material combination? Need a certain size or thickness? Perhaps an odd shape?*

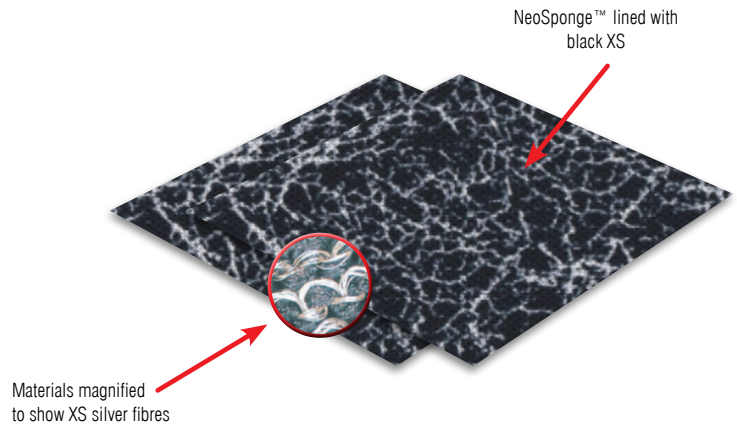


**Call us at 1-800-387-5246 for a solution today.**

## Acor® XS

**PERFECT FOR: INTERFACE MATERIALS, ORTHOTIC DEVICES, BODY JACKETS, FOOT ORTHOTICS AND PROSTHETIC LINERS**

XS uses the power of silver to bring long lasting antimicrobial properties to one of Acor's® most popular cushioned top covers. XS has been strongly received by manufacturers in diverse industries such as sportswear, footwear, orthotics and prosthetics. End users value XS for its enduring ability to reduce odors and keep products fresh. XS contains ultra fine silver crystals that release silver ions at a controlled rate, only when conditions for bacterial growth exist. It avoids the fabric discoloration that can occur with other silver antimicrobial products through the careful control of the size and shape of the particle during production. XS performance is delivered by a proprietary carrier system specifically formulated to ensure durability when laminated to a synthetic material. XS promises lasting cleanliness and freshness protection for the user in between washes. As high performance, comfort and confidence are key requirements for consumers, the addition of XS at the point of manufacturing is an important value-added feature.



### BENEFITS OF XS FIBRE

XS is an innovative fibre that has a natural layer of pure silver permanently bonded to it. The silver is irreversibly bound to a polymer so it becomes a physical part of the fibre. The process is such that the fibre, with its silver layer, retains traditional textile and tactile characteristics and its performance does not diminish over time. XS is the best antimicrobial solution on the market, yet it is a fibre system that is uniquely suited to meet several additional market demands:

#### 1. ANTIMICROBIAL

Eradicates odour-causing bacteria and athlete's foot fungus. 99.9% of bacteria is eliminated in less than one hour of exposure.

#### 2. ALL NATURAL

XS is made with pure silver, which is a naturally occurring element. There are no chemicals so there is no fear of toxicity for the consumer. Silver is one of the safest and most benign substances to mammals.

#### 3. HEAT TRANSFER

Cooler in the summer, warmer in the winter. The hotter and wetter the environment, the more effective XS becomes; perfect when bacteria is more prevalent in these environments.

#### 4. THERAPEUTIC

With its conductive properties (silver is the most conductive metal), the fibre system has many health benefits.

#### 5. ANTI-STATIC

Eliminates static. Silver has the highest electrical conductivity rating of any element. Therefore, XS, which is coated with pure silver, will conduct electricity with extreme efficiency. Just a small quantity of XS will instantly dissipate triboelectric charges, resulting in static-free, comfortable products. By killing bacteria and fungi, removing odour, and providing a thermodynamic benefit that keeps the foot at a regulated temperature (whether it is hot or cold) the risk of hot spots and blisters is reduced dramatically.

### IMPRESSION PUFF™ LINED WITH XS

Impression Puff™ is a superior alternative to current orthotic liners (i.e. body jackets). It is a moldable material with a memory that bounces back without losing its cushioning effectiveness. Impression Puff™ is 25 durometer.

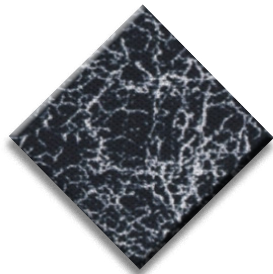
#### BLACK IMPRESSION PUFF LINED WITH BLACK XS

1.6 mm, 1/16"  
1.6 m x 68.6 cm, 40" x 27"

**103612**

3.2 mm, 1/8"  
1.6 m x 68.6 cm, 40" x 27"

**103613**



### NEO-SPONGE™ LINED WITH XS

NeoSponge™ is a superior alternative to neoprene-type materials that line foot orthotics. It provides superior shock absorption and cushioning, while at the same time reducing friction. NeoSponge™ is a porous, synthetic rubber material designed to flex, have great durability, and be resistant to breakdown by water. It is form fitting and resilient. - Composition: Synthetic Rubber - Molding temperature: Not applicable - Uses: Top covers in sport foot orthotics, elbow and knee pads, and orthopedic braces. - Grindable - 15 Durometer

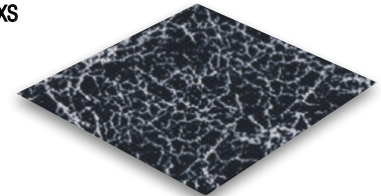
#### NEOSPONGE™ LINED WITH BLACK XS

1.6 mm, 1/16"  
1.19 m x 102 m, 40" x 50"

**103610**

3.2 mm, 1/8"  
1.19 m x 102 m, 40" x 50"

**103611**



### BLUE PORON® LAMINATED WITH XS

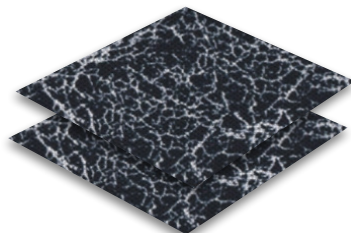
#### BLUE PORON LAMINATED WITH BLACK XS

1.6 mm, 1/16"  
68.6 cm x 91.4 cm, 27" x 36"

**2PXS116**

3.2 mm, 1/8"  
68.6 cm x 91.4 cm, 27" x 36"

**2PXS18**



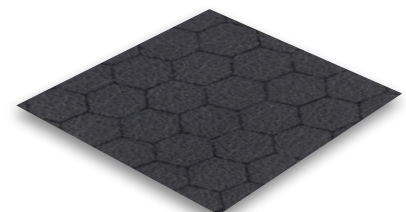
### ACOR® FABRIFIT® CERAMIC

Ceramic coated leather like microfiber orthotic cover with the ultimate moisture control properties.

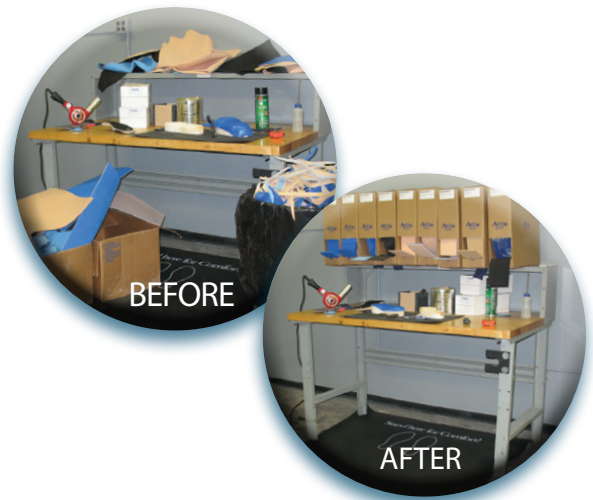
- Moisture wicking
- Ultra-durable
- Anti-odour
- Sheer resistant

0.8 mm, 4/5"  
68.6 cm x 99.1 cm, 27" x 39"

**103923**



QUIKSTRIP™ WHEELS



BEFORE

AFTER

(Close-Up of 1 side only)

AVAILABLE IN HUNDREDS OF MATERIAL COMBINATIONS:

- XS covered impression Puff
- Poron®
- P-Cell®
- Microcel Puff®
- NeoSponge™ + Black XS
- Perfect for making foot orthotics
- Improves fabrication efficiency
- Keeps material clean and dust-free
- Reduces damage to product
- Minimizes wasted materials
- Decreases bulk of flat sheets
- Lower shipping costs

**MICROCEL PUFF®**

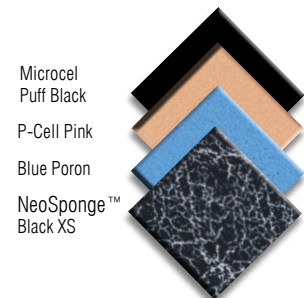
<b>2QW116BLKP</b>	1/16" Black	4.5" x 225'	(45 Strips of 60")
<b>2QW18BLKP</b>	1/8" Black	4.5" x 130'	(26 Strips of 60")

**P-CELL®**

<b>2QW18PCP</b>	1/8" Pink	.5" x 130'	(26 Strips of 60")
<b>2QW18PP116P</b>	1/8" Pink P-Cell + 1/16" Blue Poron	.5" x 95'	(19 Strips of 59")
<b>2QW116PP116BP</b>	1/16" Pink P-Cell + 1/16" Blue Poron	.5" x 130'	(26 Strips of 59")
<b>2QW116PP18BP</b>	1/16" Pink P-Cell + 1/8" Blue Poron	.5" x 95'	(19 Strips of 59")

**MICROCEL PUFF®**

<b>103609</b>	1/8" Black NeoSponge™ + Black XS	.5" x 120'	(45 Strips of 60")
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P-CELL® & MICROCEL PUFF®

**P-CELL® • 15-20 DUROMETER**

P-Cell® is superior to pink Plastazote® in cushioning, shock absorption, tensile strength, moisture absorption and abrasiveness. P-Cell® is a closed cell EVA foam that has been tested by independent research companies against Plastazote® for abrasion, coefficient of friction, moisture deflection, durability and tensile strength. P-Cell® was proven to be superior to Plastazote® in each and every test. In fact, after walking for 7½ miles on P-Cell®, there was less "packdown" than a brand new piece of Plastazote®!

**COMPARE P-CELL® TO PLASTAZOTE®:** According to independent testing through SATRA, Artech, and the SGS U.S. Testing company, P-Cell® is a superior product to Plastazote®.

**SUPERIOR CUSHIONING:** P-Cell® packs down 27% less than Plastazote®.

**SHOCK ABSORPTION:** P-Cell® absorbs shock 41% more than Plastazote®.

**TENSILE STRENGTH:** P-Cell® has 114% greater tensile strength than Plastazote®, which results in less tearing.

**MOISTURE DEFLECTION:** P-Cell® deflects moisture 209% more than Plastazote®.

**ABRASION:** A less abrasive insole can help protect the diabetic. The more abrasive the surface of the material, the more likely the skin will become irritated, which may result in blistering or ulcerations. P-Cell® is a smooth, closed cell product which does not hurt the skin.

**COEFFICIENT OF FRICTION:** A secure grip inside a shoe or orthotic device prevents shear. Excessive movement can allow the skin to rub, resulting in soreness. P-Cell® helps to prevent this movement and is better for a diabetic patient.

**P-CELL® • 15-20 DUROMETER**

**MOISTURE DEFLECTION:** Insoles that absorb body fluids are harder to keep clean and allow for bacterial growth near the skin. Bacteria can lead to complications and infections. P-Cell® has a high moisture deflection that does not allow the moisture to soak in. **MOLDING TEMPERATURE:** 225° F - 275° F 2 - 3 min.

94 cm x 76.2 cm, 37" x 30"

- 2PCP116** (1.5 mm 1/16") ..... Pink
- 2PCP18** (3 mm 1/8") ..... Pink
- 2PCP316** (5 mm 3/16") ..... Pink
- 2PCP14** (6 mm 1/4") ..... Pink
- 2PCP12** (12 mm 1/2") ..... Pink
- 2PCP34** (18 mm 3/4") ..... Pink
- 2PCP1** (24 mm 1") ..... Pink

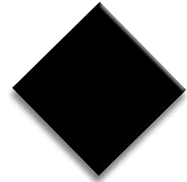
Pink



94 cm x 76.2 cm, 37" x 30"

- 2PC116BLK** (1.5 mm 1/16") ..... Black
- 2PC18BLK** (3 mm 1/8") ..... Black
- 2PC316BLK** (5 mm 3/16") ..... Black
- 2PC14BLK** (6 mm 1/4") ..... Black
- 2PC12BLK** (12 mm 1/2") ..... Black
- 2PC1BLK** (24 mm 1") ..... Black

Black



94 cm x 76.2 cm, 37" x 30"

- 100707** (1.5 mm 1/16") ..... Light Blue
- 100708** (3 mm 1/8") ..... Light Blue
- 100709** (5 mm 3/16") ..... Light Blue
- 100710** (6 mm 1/4") ..... Light Blue
- 100711** (12 mm 1/2") ..... Light Blue
- 100712** (18 mm 3/4") ..... Light Blue
- 100713** (24 mm 1") ..... Light Blue

Light Blue



**MICROCEL PUFF® • 35 DUROMETER**

**COMPOSITION:** EVA - Molding temperature: 250° F - 275° F 2-3 min. **USES:** Top and bottom layers in foot orthotics, lifts, postings, prosthetic liners and cones.

94 cm x 76.2 cm, 37" x 30"

- 1MCP116BLK** (1.5 mm 1/16") ... Black
- 1MCP116BLU** (1.5 mm 1/16") ... Blue
- 1MCP116PNK** (1.5 mm 1/16") ... Pink
- 1MCP116GRN** (1.5 mm 1/16") ... Lime Green
- 1MCP116FGRN** (1.5 mm 1/16") ... Forest Green
- 1MCP116PUR** (1.5 mm 1/16") ... Purple
- 1MCP116AQU** (1.5 mm 1/16") ... Aqua
- 1MCP116YEL** (1.5 mm 1/16") ... Yellow

Black

Blue

Pink

Lime Green

Forest Green

Purple

Aqua

Yellow



94 cm x 76.2 cm, 37" x 30"

- 1MCP18BLK** (3 mm 1/8") ..... Black
- 1MCP18BLU** (3 mm 1/8") ..... Blue
- 1MCP18PNK** (3 mm 1/8") ..... Pink
- 1MCP18GRN** (3 mm 1/8") ..... Green
- 1MCP18FGRN** (3 mm 1/8") ..... Forest Green
- 1MCP18PUR** (3 mm 1/8") ..... Purple
- 1MCP18AQU** (3 mm 1/8") ..... Aqua
- 1MCP18YEL** (3 mm 1/8") ..... Yellow

94 cm x 76.2 cm, 37" x 30"

- 1MCPSPPW116** (1.5 mm 1/16") ... Pink / Purple / White Marble
- 1MCPSPGW116** (1.5 mm 1/16") ... Green / Purple / White Marble
- 1MCPYRBG116** (1.5 mm 1/16") ... Yellow / Red / Blue / Green Confetti
- 1MCPBBA116** (1.5 mm 1/16") ... Black / Blue / Aqua Confetti
- 1MCP116BI** (1.5 mm 1/16") ... Black Ice
- 1MCP116S** (1.5 mm 1/16") ... Storm

Pink / Purple White

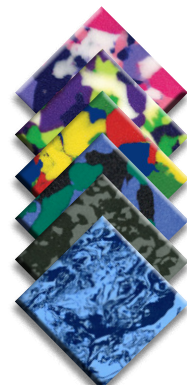
Green / Purple White

Yellow / Red Blue / Green

Black / Blue Aqua Confetti

Black Ice

Storm



94 cm x 76.2 cm, 37" x 30"

- 1MCPSPPW18** (3 mm 1/8") ..... Pink / Purple / White Marble
- 1MCPSPGW18** (3 mm 1/8") ..... Green / Purple / White Marble
- 1MCPYRBG18** (3 mm 1/8") ..... Yellow / Red / Blue / Green Confetti
- 1MCPBBA18** (3 mm 1/8") ..... Black / Blue / Aqua Confetti
- 1MCP18BI** (3 mm 1/8") ..... Black Ice
- 1MCP18S** (3 mm 1/8") ..... Storm

\* Microcel Puff® is available for custom order, please contact your sales representative for more information.

## MICROCEL PUFF® • 35 DUROMETER

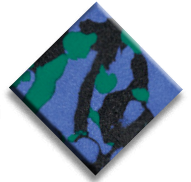
94 cm x 76.2 cm, 37" x 30"

**1MCPBBA14** (6 mm 1/4") . . . . . Black / Blue / Aqua Confetti

94 cm x 76.2 cm, 37" x 30"

**1MCPBBA12** (12 mm 1/2") . . . . . Black / Blue / Aqua Confetti

Black / Blue  
Aqua Confetti



## FIRM MICROCEL PUFF® • 55 DUROMETER

**COMPOSITION:** EVA - Molding temperature: 275°F - 300°F 4-5 min. **USES:** Base layer in orthotics, posting and scaphoid reinforcement.

86.4 cm X 83.8 cm, 34" x 33"

**1MCP5516RED** (1.5 mm 1/16") . . Red

86.4 cm x 83.8 cm, 34" x 33"

**1MCP5518RED** (3 mm 1/8") . . . . . Red

Red



## EXTRA FIRM MICROCEL PUFF® • 65 -70 DUROMETER

Extra Firm Microcel Puff® is grindable, and is the highest source of rigidity of orthoses, short of plastic. It is used for the bottom-most, arch filler of foot orthoses. Extra Firm Microcel Puff® works equally well as midsole or split-sole wege.

**COMPOSITION:** EVA - Molding temperature: 275°F - 300°F 4-5 min.

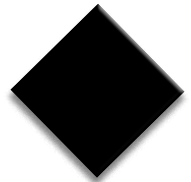
**USES:** Base and centercore of foot orthotics, midsoles and heavy posting.

94 cm x 76.2 cm, 37" x 30"

**100353** (3 mm 1/8") . . . . . Black

**100354** (6 mm 1/4") . . . . . Black

Black



## P-CELL + PORON DUAL-LAM

**LAMINATES:** Material Laminates offer some distinct advantages over single layer materials. A characteristic, which is poor in one material, may be offset by the same characteristic which is strong in another material. Laminating two such materials together, or otherwise using them in conjunction, produces a better functioning material. Materials used in this manner possess all of the good qualities and reduce the weaker qualities of it's components. Molding temperature: Heat 1½ - 2 minutes at 275°F.

94 cm x 35.6 cm, 37" x 14"

**1PCP14P18** Pink P-Cell 1/4" + Blue Poron 1/8"

**1PCP18P116** Pink P-Cell 1/8" + Blue Poron 1/16"

**1PCP18P18** Pink P-Cell 1/8" + Blue Poron 1/8"



**1PCP14P18**

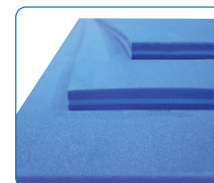
## MICROCEL PUFF® + PORON + PUFF TRI-LAM

**MOLDING TEMPERATURE:** Heat 1½ - 3 minutes at 275°F

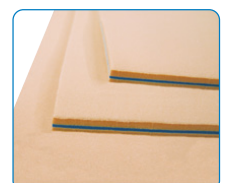
76.2 cm x 94 cm, 30" x 37"

**1PP116P116PP18** Pink Microcel Puff 1/16" + Blue Poron 1/16" + Pink Microcel Puff 1/8"

**1PB116P116PB18** Blue Microcel Puff 1/16" + Blue Poron 1/16" + Blue Microcel Puff 1/8"



**1PB116P116PB18**



**1PP116P116PP18**

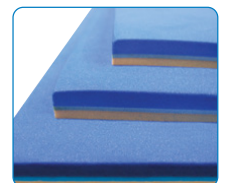
## TRI-LAM®

76.2 cm x 94 cm, 30" x 37" • Molding temperature: Heat 1½ - 3 minutes at 275°F

**1PCP18P116P18** Pink P-Cell 1/8" + Blue Poron 1/16" + Blue Microcel Puff 1/8"

**1PCP18P116P14** Pink P-Cell 1/8" + Blue Poron 1/16" + Blue Microcel Puff 1/4"

**1PCP18P18P18** Pink P-Cell 1/8" + Blue Poron 1/8" + Blue Microcel Puff 1/8"



**1PCP18P116P18**

## LAMINATED BLOCKERS • SKIVED

Blockers are pre-laminated, pre-skived sheets of material that, when heated allow you to fabricate a pair of custom foot orthoses quickly and easily. The rear-foot portion of the blocker material is thicker than the forefoot, allowing for grinding of posting and edges of orthoses. These pre-laminated materials save you inventory, space and time.

 Side Profile

35.6 cm x 27.9 cm, 14" x 11"

**1B18PP116BP12BP** 1/8" Pink P-Cell + 1/16" Blue Poron + 1/2" Blue Microcel Puff (skived 5/16", 1/2" heel)

**1B18PP116BP12MC** 1/8" Pink Plastazote + 1/16" Blue Poron + 1/2" Multicork (skived 5/16", 1/2" heel)

**1B18BP116BP12BP** 1/8" Blue Microcel Puff + 1/16" Blue Poron + 1/2" Blue Microcel Puff (skived 5/16", 1/2" heel)

**100315** 1/8" Blue Microcel Puff + 1/8" EFM + 1/4" Blue Microcel Puff (skived 3/8", 1/2" heel)



\* Blockers are available for custom order, please contact your sales representative for more information.



## NEOLON™ LINED WITH etc®

Neolon™ lined with etc® is an expanded closed black neoprene. As the material has excellent cushioning properties it is ideal for use as a covering for insoles, orthotics and lining for supports. Neolon™ lined with etc® is suitable for even the most active patients, as it reduces friction to almost zero, moisture, heat and thus brings comfort and extended wearability to previously unattainable levels. This fabric is highly durable, breathable and colourfast. Don't just wick, suck, store or move moisture...attack it at the source...eliminate the cause. Without etc® anti-friction lining, you're just wearing shoes.

- APPLICATIONS:**
- Orthotics, Insoles and linings
  - Padding
  - Special-purpose clothing

- PROPERTIES:**
- Dynamic balance of shock absorption and energy return
  - Wicks moisture
  - Washable - Durable - won't 'bottom out'

- SPECIFICATIONS:**
- Density (G/cubic cm.) . . . . . Target 19: 17-22
  - Compression Defl. . . . . Target 8: 7-13
  - Water Absorption, PSF% . . . . . 5% Max
  - Elongation. . . . . Target 230% 200% Min.
  - Resilience. . . . . Target 51 55-60
  - Compression Set. . . . . 5% Max

**1.14 m x 1.8 m, 45" x 72" (Full Sheet)**

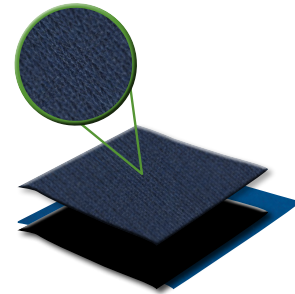
<b>100295</b>	1.5 mm	1/16"	Black Neolon™ lined with Black etc®
<b>100297</b>	1.5 mm	1/16"	Royal Blue Neolon™ lined with Navy etc®
<b>100296</b>	3 mm	1/8"	Black Neolon™ lined with Black etc®
<b>100298</b>	3 mm	1/8"	Royal Blue Neolon™ lined with Navy etc®

**1.14 m x 91.4 cm, 45" x 36" (Half Sheet)**

<b>100299</b>	1.5 mm	1/16"	Black Neolon™ lined with Black etc®
<b>100301</b>	1.5 mm	1/16"	Royal Blue Neolon™ lined with Navy etc®
<b>100300</b>	3 mm	1/8"	Black Neolon™ lined with Black etc®
<b>100302</b>	3 mm	1/8"	Royal Blue Neolon™ lined with Navy etc®



- etc® is a specialty fabric that is uniquely able to draw moisture away from the skin.
- Moisture is absorbed by the inner core of the etc® fabric. From there, it is distributed evenly throughout the fibres, keeping the surface dry while the moisture evaporates.
- Altogether, etc® provides unparalleled comfort, keeping skin dry.



Note: Sheet sizes may vary (+/-) 1" on each measurement.

## NEOLON™ LINED WITH NYLON

Neolon™ lined with nylon is an expanded closed black neoprene. As the material has excellent cushioning properties it is ideal for use as a covering for insoles, orthotics, lining for supports, and as it is tough wearing making it usable suitable for even the most active patients.

- APPLICATIONS:**
- Orthotics, Insoles and linings
  - Padding
  - Special-purpose clothing

- PROPERTIES:**
- Wicks moisture
  - Washable - Durable - won't 'bottom out'
  - Dynamic balance of shock absorption and energy return
  - 4-way stretch Nylon top cover helps to prevent blisters & calluses

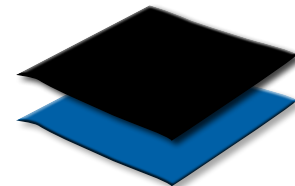
- SPECIFICATIONS:**
- Density (G/cubic cm.) . . . . . Target 19: 17-22
  - Compression Defl. . . . . Target 8: 7-13
  - Water Absorption, PSF % . . . . . 5% Max
  - Elongation. . . . . Target 230% 200% Min.
  - Resilience. . . . . Target 51 55-60
  - Compression Set. . . . . 5% Max

**1.14 m x 1.8 m, 45" x 72" (Full Sheet)**

<b>2N116BLKF</b>	1.5 mm	1/16"	Black Neolon™ lined with Black	Nylon
<b>2N116BLUF</b>	1.5 mm	1/16"	Black Neolon™ lined with Blue	Nylon
<b>2N18BLKF</b>	3 mm	1/8"	Black Neolon™ lined with Black	Nylon
<b>2N18BLUF</b>	3 mm	1/8"	Black Neolon™ lined with Blue	Nylon

**1.14 m x 91.4 cm, 45" x 36" (Half Sheet)**

<b>2N116BLK</b>	1.5 mm	1/16"	Black Neolon™ lined with Black	Nylon
<b>2N116BLU</b>	1.5 mm	1/16"	Black Neolon™ lined with Blue	Nylon
<b>2N18BLK</b>	3 mm	1/8"	Black Neolon™ lined with Black	Nylon
<b>2N18BLU</b>	3 mm	1/8"	Black Neolon™ lined with Blue	Nylon



Note: Sheet sizes may vary (+/-) 1" on each measurement.

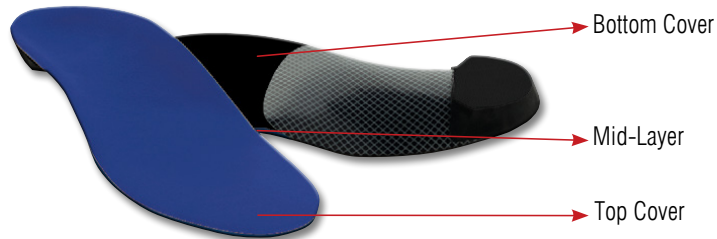
\* Neolon™ is available for custom order, please contact your sales representative for more information.

## NYPLEX CUSHION TOPCOVER + CUSHION SHEETS

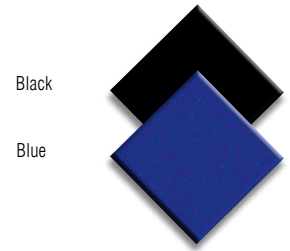
A blend of nitrile rubber and P.V.C. produces a 28 durometer softness that has an excellent closed-cell cushioning capability, as well as being durable, resilient and washable. Makes an excellent mid-layer or top cover. Can also be used as a bottom cover.

85.1 cm x 1.14 m, 33.5" x 45"

<b>100659</b>	1.5 mm	1/16"	Black
<b>100662</b>	2 mm	5/64"	Black
<b>100665</b>	3 mm	1/8"	Black
<b>100664</b>	3 mm	1/8"	Blue
<b>100667</b>	6 mm	1/4"	Black
<b>100666</b>	6mm	1/4"	Blue



Nyplex cushion sheets can be use as the following:



Note: Sheets may be not trimmed flush on edges. 2" of each measurement may not be useable. 1.5 mm/2 mm may have very sporadic holes in sheets.

## SOFT SPONGE - SHEETS

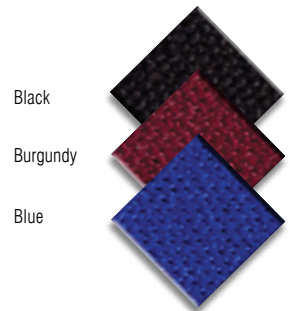
Neoprene sponge with a polyester cover.

91.4 cm x 1.4 m, 36" x 54"

<b>101205</b>	1.5 mm	1/16"	Black
<b>101206</b>	1.5 mm	1/16"	Blue

91.4 cm x 1.4 m, 36" x 54"

<b>101207</b>	3 mm	1/8"	Black
<b>101208</b>	3 mm	1/8"	Blue
<b>101209</b>	3 mm	1/8"	Burgundy



## VINYL LINING - SHEETS

### WHITE BACKING

Leather grain finish with woven backing for easy cementing.

91.4 cm X 1.4 m, 36" X 54" 0.7 mm Thickness

<b>100958</b>	(Black)
<b>100959</b>	(Navy)
<b>100960</b>	(Sand)
<b>100962</b>	(Bone)
<b>100963</b>	(White)
<b>100964</b>	(Light Blue)
<b>100965</b>	(Forest Green)
<b>100966</b>	(Wine)
<b>100967</b>	(Amber Red)

### BLACK BACKING

Leather grain finish with woven backing for easy cementing.

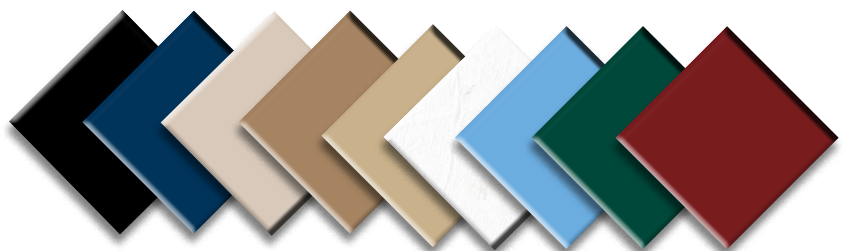
91.4 cm x 1.4 m, 36" x 54" 0.7 mm Thickness

<b>100656</b>	(Black)
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Custom colours available.

Black, Navy, Sand, Dark Bone, Bone, White, Light Blue, Forest Green, Wine, Amber (All have white fabric backing)



\* Covering & lining materials are available for custom order. Please contact your sales representative for more information.

## VINYL LINING - WHEELS

### WHITE BACKING

Leather grain finish with woven backing for easy cementing.

WHEEL SIZE: 11.4 cm x 35.6 m, 4.5" x 40 yd

0.7 mm Thickness

**2VLWBLK** (Black)

**100431** (Bone)

**2VLWNAV** (Navy)

WHEEL SIZE: 15.2 cm x 35.6 m, 6" x 40 yd

0.7 mm Thickness

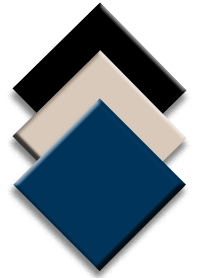
**101556** (Black)



Black

Bone

Navy



### BLACK BACKING

Leather grain finish with woven backing for easy cementing

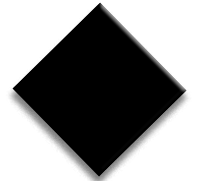
WHEEL SIZE: 11.4 cm x 35.6 m, 4.5" x 40 yd

0.7 mm Thickness

**103761** (Black)



Black



## TRINIDAD TOPCOVER - SHEETS + WHEELS

Synthetic embossed grain leather with woven backing for easy cementing.

99.1 cm x 1.4 m, 39" x 54" sheets

**2TTCBLK** (Black)

WHEEL SIZE: 11.4 cm x 50 m, 4.5" x 54.7 yd

**2TTCWBLK** (Black)



Black



## ORTHO SERIES TOPCOVERS - SHEETS + WHEELS

### ORTHOHYDE SHEETS

Stretchable, soft, supple, leather-like PVC material. The ultimate in comfort and function!

7.62 cm X 137.2 cm, 3" x 54" (1.3 mm)

**100854** (Black)

### ORTHOHYDE STRETCH WHEEL

Stretchable, soft, supple, leather-like PVC material. The ultimate in comfort and function!

WHEEL SIZE: 11.43cm x 40 m, 4.5" X 43.7 yd

**100957** (Black)



Black



## TOP COVER BLANKS

### NEOLON™ BLANKS LINED WITH BLACK ETC®

12.7 cm x 33 cm, 5" x 13" *\*Note sheets & rolls also available; refer to pg.37*

**100386** 1.5 mm (Black) (min. of 20 Blanks)

### TRINIDAD BLANKS

12.7 cm x 33 cm, 5" x 13" *\*Note sheets & rolls also available; refer to pg.38*

**100496** 1.3 mm (Black) (min. of 20 Blanks)

Black

Black



\* Covering & lining materials are available for custom order. Please contact your sales representative for more information.

## CUSTOM LOGO TOPCOVER BLANKS

National Shoe Specialties is excited to be able to offer your logo on most of our materials in a 5" x 13" blank size. We will be continually expanding our stock selection of top cover blanks as requested by customer orders & requests. Don't see the material you want below? Give our customer care team a call at 1-800-387-5246 and we'd be happy to provide a quotation on any of our materials with your logo.

### NEOLON™ BLANKS LINED WITH BLACK ETC® • WITH CUSTOM LOGO

12.7 cm x 33 cm, 5" x 13"

1.5 mm (Black Neolon & etc)

#### THE FINE PRINT:

- Initial one time set-up fee \$300.00 (per logo) #XCLSF
- **1 COLOUR PRINT:** Black, White, Gold or Silver Logo. Also note that white or lighter colours may have a slight ink colour variation on textured materials.
- Other colours available (one time \$50 surcharge): Yellow, Orange, Red, Med. Blue, Dk. Blue, Purple, and Green.
- **LOGO:** Placement 8.9cm, 3.5" up, centered. Approximate size: 5.1 cm X 2.5 cm, 2" X 1"
- Order will be shipped as special order in 5 business days (maybe longer on first run for logo or material preparation, etc.)



\*Top Cover blanks are available for custom order, please contact your sales representative for more information.

## SYNTHETIC LEATHER & SUEDE

### SYNTHETIC LEATHER + SHEETS

1.4 m x 99.1 cm, 55" x 39"

- 101550** Dark Beige
- 101551** Black
- 101552** Black (Perforated)
- 101553** Grey

**ROLL SIZE:** 140 cm, 55" wide, 50 m, 60.15 yd length

#### SPECIFICATIONS:

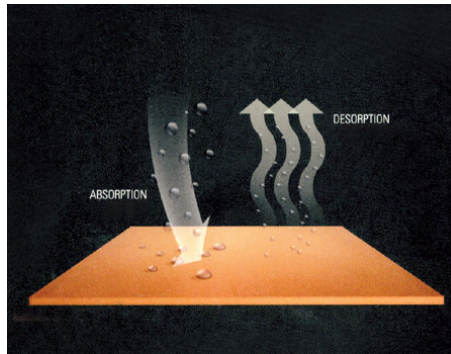
Smooth and Perforated

#### PERFORMANCE WITH THE ENVIRONMENT:

- 100% microfiber product
- Does not contain Chrome 6
- Ecological, CO2 free manufacturing system

#### TECHNICAL CHARACTERISTICS:

- Absorption - Desorption = Total Dryness
- Breathable / Antimicrobial / Does not generate odour
- Thermal regulating
- Anti-allergy
- Washable (95° without shrinkage or loss of properties)



TEAR RESISTANCE N: A:50  
 VAPOUR PERMABILITY mg/cm<sup>2</sup>.h: 13,5  
 VAPOUR COEFFICIENT mg/cm<sup>2</sup>: 109,4  
 ABSORPTION TIME (water drop test): 2 seconds  
 ABRASION RESISTANCE: DRY 400,000 cycles without ripping  
 ABRASION RESISTANCE: HUMIDITY 200,000 cycles without ripping



### SYN-SUEDE - SHEETS + WHEELS

Synthetic Suede is a durable smooth material ideal for use as a covering for insoles.

- |                    |   |                        |  |
|--------------------|---|------------------------|--|
| <b>ADVANTAGES:</b> | <ul style="list-style-type: none"> <li>• Durable covering material</li> <li>• Smooth finish</li> <li>• Reduces friction</li> <li>• Water and oil repellency</li> <li>• Custom colours available (Minimums apply)</li> </ul> | <b>SPECIFICATIONS:</b> | <ul style="list-style-type: none"> <li>• 0.8mm thickness</li> <li>• Nylon microfiber</li> <li>• Available in black, grey, bark, marine</li> <li>• Available in sheets 142.2cm X 99cm, 56" x 39"</li> </ul> |
|--------------------|---|------------------------|--|

**USES:** • Covering material

1.4 m x 99.1 cm, 56" x 39" Synthetic Suede Sheets (0.7 mm)

- 100613** (Black)
- 100672** (Grey)
- 100717** (Bark)
- 103639** (Navy)

11.4 cm x 40 m, 4.5" x 43.7 yd Synthetic Suede Wheel

- 100614** (Black)
- 100517** (Grey)
- 100718** (Bark)
- 103640** (Navy)

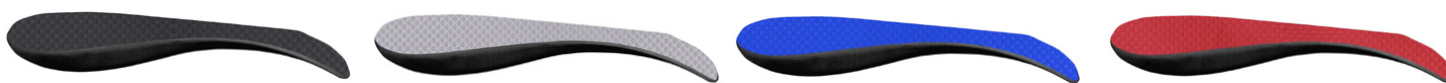
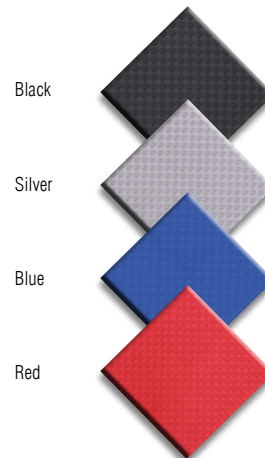


## CARBON FIBRE VINYL TOP COVER -SHEETS

Vinyl synthetic top cover with carbon fibre pattern

<b>102278</b>	99.06 cm X 1.4m, 39" X 55"	Black
<b>102279</b>	99.06 cm X 1.4m, 39" X 55"	Silver
<b>102280</b>	99.06 cm X 1.4m, 39" X 55"	Blue
<b>102281</b>	99.06 cm X 1.4m, 39" X 55"	Red

TEST	NORM	UNITS	VALUE
Composition	32% Viscose + 68% Polyurethane		
Weight	Internal method	g / m <sup>2</sup>	280 ± 10
Thickness	Internal method	mm	0.75 ± 0.05
Tensile strength Lengthwise Crosswise	UNI EN ISO 1421	daN/50mm	14 ± 10% 10 ± 10%
Tear strength Lengthwise Crosswise	UNI EN ISO 4674-1 B	daN	1000 ± 10% 1000 ± 10%
Coating adhesion	UNI EN ISO 2411	daN/10mm	0,500 ± 10% 0,500 ± 10%
Abrasion resistance Dry Wet	Satra TM31met.A	n <sup>o</sup> revolution	> 25600 > 12800
Flex resistance, room temperature +20°	UNI 4818/13 Satra TM 55	n <sup>o</sup> flex	> 100000 > 100000
Resistance to methyl-ethyl-ketone	UNI .4818/28	-	OK



## BOTTOM COVER SHEETS + ROLLS

### BOTTOM COVER SHEETS + WHEELS

Bottom cover sheets are primarily used as a protective barrier between the orthotic and the patient's shoe. Their main function is to increase the life of the orthoses, or prevent orthotic movement in footwear.

#### DURAGRIP

Duragrip is a great material used for a gripping / anti-slip heel plate on an orthotic.

**ROLL SIZE:** 13.97 cm x 22.9 m, 5.5" x 25 yd, 1.1 mm thick (Sold by the yard)

<b>100268</b>	Black
<b>100269</b>	White

#### DURASOLE

DuraSole fabric provides rugged performance for a variety of end uses and features enhanced tear and abrasion resistance, and long-lasting durability. It is perfect as a thin bottom or top cover for all your orthotics.

**wheel SIZE:** 12.7 cm x 45.7 m, 5" x 50 yd, 0.8 mm thick (Sold by the wheel)

<b>100224</b>	Black
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#### ULTRALINE

Counter lining material, orthotic bottom covers used for heel base, reinforcements, decorative elements and insocks. Ultraline is similar to natural leather and in certain aspects even superior to it. Among its distinguishing features are: high abrasion-resistance, slipping-resistance, high tear strength of stitched parts, good air - and water vapour-permeability, it gives comfort, thermal stability, easy working and can be used in all footwear manufacturing technologies.

39" X 59" Sheet

<b>100678</b>	Black	0.7 mm	1/32"
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**POLYETHYLENE FOAM**

**HB FOAM SHEETS**

Grey polyethylene foam for cushioning.

1 m x 1 m, 39.4" x 39.4"

**2HBF3** 3 mm 1/8" Grey

Grey



**PLASTAZOTE® LD45, LD70 & HD115**

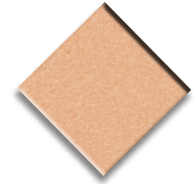
Plastazote® Closed cell cross-linked polyethylene foam with a wide range of polymer combinations to give increased stiffness, improved temperature resistance and improved mouldability. Plastazote® is easily heat moulded and will easily adhere to most materials. It's unique cross-linked construction and toxicity has established Plastazote® as standard for orthotic manufacture. Plastazote® materials are readily washable, discourage bacteria growth and have good thermal properties. It is non-allergenic and may be used in direct contact with the skin. **MEDICAL APPLICATION AREAS INCLUDE:** • Foot orthotics • Splinting • Seating • Collars • Padding and protective appliances

**PINK PLASTAZOTE® #1 MEDIUM (LD45) • 20 DUROMETER**

102 cm x 102 cm, 40" x 40"

**100471** 1.5 mm 1/16" Pink  
**100472** 3 mm 1/8" Pink  
**100473** 5 mm 3/16" Pink  
**100474** 6 mm 1/4" Pink  
**100475** 9 mm 3/8" Pink  
**100476** 12 mm 1/2" Pink  
**100478** 24 mm 1" Pink

Pink



**COLOURED PLASTAZOTE® #1 MEDIUM (LD45) • 20 DUROMETER**

102 cm x 102 cm, 40" x 40"

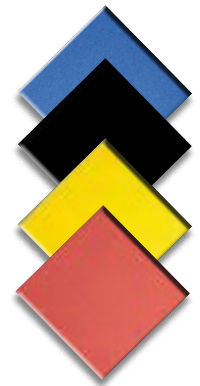
**100940** 3 mm 1/8" Blue  
**100941** 3 mm 1/8" Black  
**100943** 3 mm 1/8" Yellow  
**100944** 3 mm 1/8" Red

Blue

Black

Yellow

Red



102 cm x 102 cm, 40" x 40"

**100835** 6 mm 1/4" Blue  
**100836** 6 mm 1/4" Black  
**100839** 6 mm 1/4" Red

**COMPOSITION:** Closed cell polyethylene

**MOLDING TEMPERATURES:** 225 °F - 275 °F 2-3 min.

**USES:** Top covers in orthotics and AFO interfaces.

**WHITE PLASTAZOTE® #2 FIRM (LD70) • 35 DUROMETER**

76.2 cm x 102 cm, 30" x 40"

**2P70116** 1.5 mm 1/16" White  
**2P7018** 3 mm 1/8" White  
**2P70316** 5 mm 3/16" White  
**2P7014** 6 mm 1/4" White

White

**COMPOSITION:** Closed cell polyethylene

**MOLDING TEMPERATURES:** 250 °F - 275 °F 2-3 min.

**USES:** Base layer in foot orthotics and light posting.

**BLACK PLASTAZOTE® #3 RIGID (HD110) • 65 DUROMETER**

66 cm x 86.1 cm, 26" x 34"

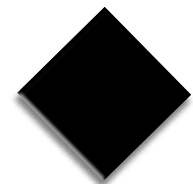
**103440** 3 mm 1/8" Black  
**103441** 6 mm 1/4" Black  
**103442** 10 mm 3/8" Black  
**103443** 12 mm 1/2" Black

Black

**COMPOSITION:** Closed cell polyethylene

**MOLDING TEMPERATURES:** 275 °F - 300 °F 2-3 min.

**USES:** Light weight base layer in orthotics and elevations.



## *OCL® PLASTER OF PARIS BANDAGES & SPLINTS / SLABS*

OCL® Plaster of Paris non leno bandages and slabs are available in extra fast setting formulation (2-4 mins.) They are designed for rapid wetting and smooth finish. Ideal for molding limbs. All OCL® bandages are only available without a central core.

### *OCL® PLASTER OF PARIS BANDAGES - X-FAST NO CORE*

7.5 cm x 2.7 m, 3" x 3 yd

**2OCLPB33XFNC** Box (12 rolls)

10 cm x 2.7 m, 4" x 3 yd

**2OCLPB43XFNC** Box (12 rolls)

10 cm x 4.6 m, 4" x 5 yd

**2OCLPB45XFNC** Box (12 rolls)

12.5 cm x 4.6 m, 5" x 5 yd

**2OCLPB55XFNC** Box (12 rolls)

15 cm x 2.7 m, 6" x 3 yd

**2OCLPB63XFNC** Box (12 rolls)

15 cm x 4.6 m, 6" x 5 yd

**2OCLPB65XFNC** Box (12 rolls)

20 cm x 4.60 m, 8" x 5 yd

**2OCLPB85XFNC** Box (12 rolls)

### *OCL® PLASTER OF PARIS SPLINTS / SLABS - X-FAST (50 slabs/splints per box)*

12.5 cm x 0.76 m, 5" x 30"

**2OCLPS530XF** Box (50 splints)



**LATEX FREE**

## GYPSONA® PLASTER OF PARIS BANDAGES

The traditional rich and creamy texture of Gypsona® allows intimate molding and creates a smooth, appealing finished cast. The unique interlocking leno weave greatly enhances stability allowing more plaster to stay on the gauze. The result is a high quality premium plaster of Paris making Gypsona® the world's leading brand.

**GYPSONA® PLASTER OF PARIS - EXTRA FAST SETTING • 2 minutes**

- 2GYPPB43XFC** 10 cm x 2.7 m, 4" x 3 yd Box (12 rolls)
- 2GYPPB45XFC** 10 cm x 4.6 m, 4" x 5 yd Box (12 rolls)
- 2GYPPB63XFC** 15 cm x 2.7 m, 6" x 3 yd Box (12 rolls)
- 2GYPPB65XFC** 15 cm x 4.6 m, 6" x 5 yd Box (12 rolls)
- 2GYPPB85XFC** 20 cm x 4.6 m, 8" x 5 yd Box (12 rolls)

**GYPSONA® SLABS / SPLINTS - EXTRA FAST SETTING • 2 minutes**

- 2GYPPS530XF** 12.5 cm x .76 m, 5" x 30" Box (50 slabs)

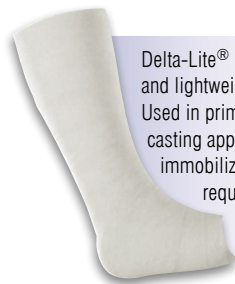
### FEATURES AND BENEFITS:

- Leno gauze for extra stability
- High mass weight resulting in low plaster loss
- Creamy texture
- Central plastic core



## DELTA-LITE® PLUS FIBERGLASS CAST TAPE - WHITE

- 2DEF2** 5 cm x 3.6 m, 2" x 4 yd Box (10 rolls)
- 2DEF3** 7.5 cm x 3.6 m, 3" x 4 yd Box (10 rolls)
- 2DEF4** 10 cm x 3.6 m, 4" x 4 yd Box (10 rolls)
- 2DEF5** 10 cm x 3.6 m, 5" x 4 yds Box (10 rolls)



Delta-Lite® Plus is a strong, durable and lightweight fiberglass cast tape. Used in primary and secondary casting applications where rigid immobilization and durability are required.



## STS® CASTING SUPPLIES



**SOCK REMOVAL SCISSORS\***  
**2STSSRS**

\* For use on STS products only



**CHANNEL TUBES**  
30.5 cm, 12" Long **2STSCT12**  
61 cm, 24" Long **2STSCT24**



### PROTECTIVE PLASTIC BAGGIES

- 500 per box
- 38 cm, 15" Long **2STSPPB15**
- 61 cm, 24" Long **2STSPPB24**
- 91.4 cm, 36" Long **2STSPPB36**



**PLASTIC PROTECTIVE CUTTING STRIP**  
30.5 cm, 12" Long **2STSPPCS12**  
61 cm, 24" Long **2STSPPCS24**

## STS® SLIPPER CASTING SOCK - POLYESTER

Quick, easy and accurate, the STS Slipper Sock is the innovative solution for taking a foot mould with benefits for both patient and practitioner.

**DESCRIPTION:** Knitted polyester slipper shaped sock, impregnated with extra fast setting, slippery polyurethane resin.

**USES:** Custom functional foot orthotic devices, custom accommodative foot orthotic devices, custom shoe insoles and post-operative immobilization dressings. No Plaster Mess - Eliminates mess, clean up and hassle, even enabling casting over women's nylon stocking or men's hosiery.

**EASY TO USE:** Simple, quick, accurate and virtually foolproof, slipping on quickly and easily. Resin is formulated to cure in two minutes or less and the cured mould "slips off" easily.

**CONFORMABLE AND ACCURATE:** Excellent conformity to the plantar surface of the foot is achieved using a unique velcro suspension strip. Because of cast accuracy, foot orthotic labs accept slipper casts for functional and accommodative orthotics.

**ECONOMICAL:** Since no special "casting room" is needed, it creates a more efficient use of office space.

**DURABLE:** In only 5 minutes after cure time, 90% of strength is achieved, allowing immediate shipping or scanning without damage.

**INNOVATIVE AND VERSATILE:** By applying a double layer, a rigid post-operative dressing can be fabricated for immobilization purposes for appropriate forefoot surgical procedures or stress fractures. Casts can also be taken inside of shoe gear when baggie is applied to outside of the Slipper Sock. Packaged two socks per pouch saves storage space, yet allows practitioner to use only one sock if necessary.



### SLIPPER SOCK SIZING CHART

SIZE	MEN'S SHOE	WOMEN'S SHOE
SMALL		5 - 7
MEDIUM	7 - 9	7 - 10
LARGE	9 - 12	10 - 11
X-LARGE	12 - 15	

- 2STSSSS (S) 2STSSSM (M) 2STSSSL (L)**
- 2STSSSXL (XL)**



## STS® FITTED CASTING SOCK - POLYESTER

Quick, easy and accurate, the STS Fitted Polyester Casting Socks (ankle, mid-leg, and bermuda) are the innovative solution for taking a mould with benefits for both patient and practitioner.

**DESCRIPTION:** Fitted polyester sock with heel, closed on one end, colour-coded toe stitching, impregnated with slippery, water-curable polyurethane resin.

**USES & SIZES:** Ankle (7"-9" High) - Custom moulded shoes, supra-malleolar AFO's.  
 Mid-Leg (12"-14" High) - Custom supra-malleolar AFO's, High-Top Shoes.  
 Bermuda (19-20" High) - Custom full length AFO's.

**CONFORMABLE:** Eliminates wrinkling, providing excellent conformity to the foot and ankle contours and eliminating toe contractures.

**EASY:** Quick, clean application. Socks simply "slip on" quickly and easily. Accelerated cure time.

**SAFE:** Innovative removal system is quick, simple and safe. Cutting strip and channel tube included with ankle and mid-leg socks when a full case is purchased.

**DURABLE:** In only 5 minutes after cure time, 90% of strength is achieved, allowing immediate shipping or scanning without damaging casts.

**ECONOMICAL:** Fast and easy without the mess of plaster of paris. Reduces labour and shipping costs.



### ANKLE SOCK SIZING CHART

SIZE	MEN'S SHOE	WOMEN'S SHOE
SMALL		4 - 5 ½
MEDIUM	6 - 9 ½	6 - 10 ½
LARGE	10 - 11 ½	11 - 12
X-LARGE	12 - 15	

### MID-LEG SOCK SIZING CHART

SIZE	MEN'S SHOE	WOMEN'S SHOE
SMALL		4 - 5 ½
MEDIUM	6 - 9 ½	6 - 10 ½
LARGE	10 - 11 ½	11 - 12
X-LARGE	12 - 15	

### BERMUDA SOCK SIZING CHART

SIZE	MEN'S SHOE	WOMEN'S SHOE
MEDIUM	6 - 9 ½	6 - 10
LARGE	10 - 11 ½	11 - 12
X-LARGE	12 - 15	

**2STSASS (S) 2STSASM (M)**  
**2STSASL (L) 2STSASXL (XL)**

**2STSMLSS (S) 2STSMLSM (M)**  
**2STSMLSL (L) 2STSMLSL (XL)**

**2STSBSM (M) 2STSBSL (L)**  
**2STSBSXL (XL)**

## STS® TUBULAR CASTING SOCK - FIBERGLASS 43.2 cm & 76.2 cm, 17" & 30"

Quick, easy and accurate, the STS Tubular Casting Socks are the innovative solution for taking a mold with benefits for both patient and practitioner.

**DESCRIPTION:** Knitted polyester slipper shaped sock, impregnated with extra fast setting, slippery polyurethane resin.

**USES:** Custom shoes, custom supra-malleolar ankle-foot orthotics, residual limb molding, custom AFO's and KAFO's.

**CONFORMABLE:** Virtually eliminates all wrinkling and provides excellent conformity to the foot and ankle, as well as lower leg contours, producing a glass-smooth finish. It will also conform to a residual limb providing an accurate model for CAD/CAM.

**EASY:** Quick, clean application. Socks simply "roll on" quickly and easily. Accelerated cure time.

**SAFE:** Innovative removal system is quick, simple and safe, eliminating the need for a cast saw.

**DURABLE:** In only 5 minutes after cure time, 90% of strength is achieved. Stronger resin formulation allows immediate shipping or scanning without damaging casts.

**ECONOMICAL:** Fast and easy without the mess of plaster of paris. Reduces labour and shipping costs.



### 43.2 cm, 17" TUBULAR SOCK

Small, Medium, Large, X-Large

**2STSTS17S (S) 2STSTS17M (M) 2STSTS17L (L) 2STSTS17XL (XL)**

## DISPOSABLE SHOE COVERS

DISPOSABLE SHOE COVERS - (100 PER BAG)

Blue - ONE SIZE FITS ALL

**2SC**



## STS® LEG LIFTER

**DESCRIPTION:** Heavy duty, metal tripod extremity cradle with nylon carrying case.

**USES:** Supports the extremity for casting the foot and leg.

**EASY TO USE & PRACTICAL:** With secure locking pin, assembly and setup is simple. It is easily disassembled for storage and portability. Comes with handy nylon carrying case for storage of casting supplies and materials when using the device at other locations.

**VERSATILE & SPACE SAVING:** Extends to a full 124.3 cm, 48.9" to accommodate any chair height. Closes to only 47 cm, 18.5" weighing just 3 pounds (1.36 kg) for easy storage and portability.

**ECONOMICAL:** No need to clean up the room or leg being casted, saving valuable time, and since no special "casting room" is needed, it also creates a more efficient use of office space.

**DURABLE & STURDY:** Oversize (22mm) 0.9" leg diameter for added strength and stability. Foot cradle and adaptor made of industrial grade materials for long lasting use. D-shape three-section legs with quick-lock levers and heavy-duty rubber feet for excellent stability.

**2STSLL**



## DISPOSABLE LAB COAT

**DISPOSABLE LAB COAT - (60G)**

White Non-Woven Poly-Blend

- 2LCS** (Small)
- 2LCM** (Medium)
- 2LCL** (Large)
- 2LCXL** (X-Large)



## DELUXE CAST STAND

Makes applying casts easier and more comfortable for the patient. Upright arm can be raised or lowered to accommodate clinician or patient. Includes reusable plastic drip pan.

**HEIGHT:** 31.8 cm, 12.5"

**ADJUSTABLE TO:** 53.3 cm, 21"

**2CSA**



## N95 PARTICULATE RESPIRATOR MASKS - (20 PER BOX)

Latex-free headstrap. Embossed fringe seal. Contour fit design. Adjustable nose piece. Easy breathing and speaking. Comfortable Nose Foam. Meets CDC Guidelines.

**2RMN95**



## GLOVES

**NITECH® EDT - LATEX-FREE** (100 Gloves per Box)

Easy Donning Technology (EDT) makes it easier to don gloves on moist wet hands.

Blue Nitech® EDT examination gloves are made from a premium blend of polymeric synthetic materials that are disposable, non-sterile, ambidextrous and powder free. The gloves are blue, smooth and CFIA, Medical Device License Certified.

- 103632** (M) **103633** (L)
- 103636** (XL)

**LATEX GLOVES** (100 Gloves per Box)

Powder Free, made from natural rubber latex. Durable, single use gloves protect against nicks/cuts and oil grease/organic solvent. Excellent sensitivity.

- 2LGS** (S) **2LGM** (M)
- 2LGL** (L) **2LGXL** (XL)



## CASTING SUPPLIES

### SAFETY GLASSES

Blue Frame with Clear Lens

**2SGCL**

### EXAMINATION TABLE PAPER

White Roll 45.7 cm X 68.6 m, 18" X 225'

**100321**

### INDELIBLE PENCIL

A bottle of ink in a pencil! Simply sharpen to a dull tip & use.

**103283** Violet Purple

### GREASE PENCIL

Simply pull string to unravel paper & use.

**102321** Black

**102322** White

### FOAM EAR PLUGS

Classic Yellow Foam (10 Pairs / Pack)

**2FEP**

### 3M SILICONE LUBRICANT (214 G)

#### APPLICATIONS:

- Rubber mold release
- Lubricate cutting tools, tables & sewing machines & needles
- Helps preserve plastic, rubber & leather
- Helps prevent build-up of glues, wax, inks and paints

#### FEATURES:

- Fast drying, long lasting
- Contains no petroleum oils
- Up to 350°F (177°C) resistance
- Non-staining

**23MSL**



## 3M™ GAS & VAPOUR RESPIRATORS • HALF FACEPIECE RESPIRATORS

**USES:** The 3M™ 6000 Series Half Facepiece Respirators are NIOSH approved and designed to help provide respiratory protection against certain airborne contaminants when used in accordance with all use instructions and limitations and applicable safety and health regulations. This product contains no components made from natural rubber latex.

**SMALL • 3M™ 6100/07024 SERIES (Half facepiece)**

**100538**

**MEDIUM • 3M™ 6200/07025 SERIES (Half facepiece)**

**100539**

**LARGE • 3M™ 6300/07026 SERIES (Half facepiece)**

**100540**

Use with 3M™ 60926 cartridge which is NIOSH approved against certain organic vapours, acid gases and particulates. \*See below for more details.



## 3M™ CARTRIDGE/FILTER 60926 • FOR GAS & VAPOUR RESPIRATORS

**USES:** The 3M™ 60926 cartridge is NIOSH approved against certain organic vapours, acid gases and particulates. Use with 3M™ Half and Full Facepieces 6000 Series and 3M™ Half and Full Facepieces 7000 Series with bayonet style cartridge holders.

Use in a variety of applications, including petrochemical and chemical processing, utilities, pharmaceuticals, mining and primary metals. When properly fitted, helps provide respiratory protection from certain organic vapours and particulates, chlorine, hydrogen chloride, sulfur dioxide, chlorine dioxide, hydrogen sulfide (escape only), ammonia, methylamine, formaldehyde or hydrogen fluoride at concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with full facepieces. Full facepieces must be quantitatively fit tested to claim assigned protection factor above 10 in negative pressure mode. Do not use in environments that are immediately dangerous to life or health (IDLH).

Sold in pairs

**100541**



## FOOT IMPRESSION PRODUCTS

**FOOT IMPRESSION FOAM (2 FOAMS PER BOX)** Box serves as a self-mailer; Weighing just ounces!

### STORAGE & HANDLING:

- Store the product properly in dry and dark condition
- Preferably keep the product stored in the master carton with the lid closed to avoid exposure to the aging factors of light and moisture
- Do not store it for too long of a period
- Apply pressure slowly and gently when being used
- Use the product carefully when the product begins to discolour

**1½" BOXED** (3.8 cm x 15.2 cm x 30.5 cm), (1½" x 6" x 12")  
Box of 50 pr

**2FIFG**

**1½" BULK** (3.8 cm x 15.2 cm x 30.5 cm), (1½" x 6" x 12")

Box of 50 pr

**2FIFGB**

**2" BOXED** (5.1 cm x 15.2 cm x 33 cm), (2" x 6" x 13")

Box of 25 pr

**2FIFG2**

**2" BULK** (5.1 cm x 15.2 cm x 33 cm), (2" x 6" x 13")

Box of 25 pr

**2FIFG2B**

**2" BOXED** (5.1 cm x 15.2 cm x 35.6 cm), (2" x 6" x 14")

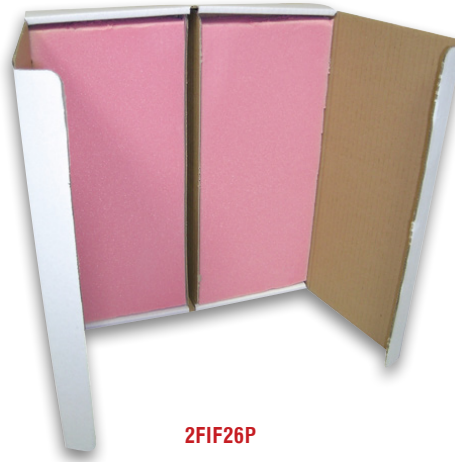
Box of 6 pr

**2FIF26P**

**2" BULK** (5.1 cm x 15.2 cm x 35.6 cm), (2" x 6" x 14")

Box of 34 pr

**2FIF26PB**



**2FIF26P**



**2FIFG, 2FIFG2**

## FOOT IMPRESSION WAX

50 pieces per box

**SIZE:** 12.7 cm x 20.3 cm, 15" x 8"

**2FIW**



## CASTING BLOCKS

Casting blocks are a clean, reliable implement to use while casting. These blocks are mounted on a plastic base to provide a sturdy surface to cast your patient. The heel is raised, placing the foot in the proper casting position for custom shoes and AFO gauntlets.

**SIZE:** 17.8 cm x 33 cm, 7" x 13"

**100231**



## INK IMPRESSION KIT, INK, ROLLER

**IMPRINTER UNIT WITH MAT**

**2IIK**

**REPLACEMENT INK (1 fl. oz.) + INK PAD**

**2II**

**REPLACEMENT ROLLER**

**2IIR**

**FOOT IMPRINTER INK PAPER**

**(100 SHTS)**

**103740**



## PODOTRACK FOOT IMPRESSION SHEETS

Only Podotrack impression paper can dynamically identify foot type in less than 60 seconds. All your customer needs to do is step on and off this unique 'pressure sensitive paper'. This simple walking motion provides you with a permanent foot imprint for sizing and fitting your customer to just the right shoe – without messy inks or expensive computer software.

100 pieces per box

**SIZE:** 42.4 cm x 18.6 cm, 16.7" x 7.3"

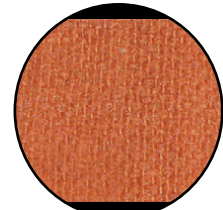
**103741**



## HAPLA-BAND

Hapla-Band is a Peach-coloured, thin hypoallergenic bandage. It has elastic warp threads which allow the bandage to stretch and recover longitudinally while remaining laterally rigid. Due to the extensibility of the strapping, it is ideal where a light compression is required in conjunction with padding. Supplied on backing paper so it can be easily and accurately cut to size.

- 2HAP125** 1.25 cm x 10 m . . . (4 rolls per box)  
**2HAP250** 2.50 cm x 10 m . . . (4 rolls per box)



Adhesive back

## HAPLA-SEMI-COMPRESSED WOOL FELT

Versatile padding to provide the patient with support, protection and relief from pressure / friction induced pain. Easy to shape and can be reduced in thickness to provide precisely the padding required. Modern adhesives minimize the problems of adverse skin reactions. In cool, dry conditions, they have virtually indefinite shelf life.

22.5 cm X 45 cm

- 2FEL5** 5 mm . . . (4 sheets per bag)  
**2FEL7** 7 mm . . . (4 sheets per bag)



Adhesive back

## FLEECY FOAM®

Foam is a soft open cell polyurethane foam with the added strength of a bonded fleece surface. Highly compressible with instantaneous recovery, ideal for light comfort cushioning. Hapla Fleecy Foam provides a smooth surface next to hosiery.

22.5 cm X 45 cm

- 2FLE5** 5 mm . . . (4 sheets per bag)  
**2FLE7** 7 mm . . . (4 sheets per bag)



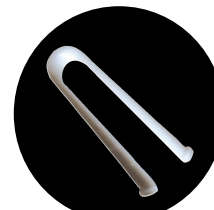
Adhesive back

## TUBULAR BANDAGE

Knitted, tubular bandage made of 100% viscose. Permits topical or medicated dressings to be held comfortably in place. Includes plastic applicator.

1 ROLL AND 1 APPLICATOR PER BOX

- 2TUB00** Size 00 Small Toes and Fingers  
**2TUB01** Size 01 Toes and Fingers  
**2TUB12** Size 12 Bulky Dressings on Fingers and Toes

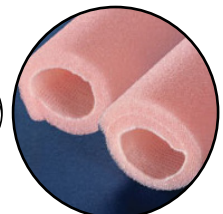
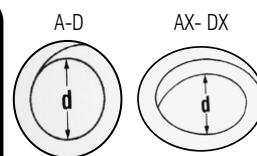


## HAPLA TOFOAM

Medical polyurethane foam on a 100% cotton stockinette core, protects digits and tender areas from friction and pressure. Available with or without overlap according to protection required.

12 TOFOAM PER BAG

- 2TOFA** 15 mm x 25 cm Size A  
**2TOFB** 18 mm x 25 cm Size B  
**2TOFC** 21 mm x 25 cm Size C  
**2TOFD** 25 mm x 25 cm Size D  
**2TOFAX** 15 mm x 25 cm Size AX  
**2TOFBX** 18 mm x 25 cm Size BX  
**2TOFDX** 25 mm x 25 cm Size DX



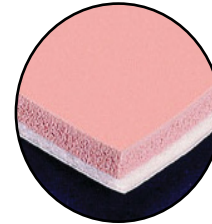
## FOAM-O-FELT - FOUR SHEETS PER BAG

Unique composite structure made of pure wool felt bonded to a latex foam surface. The resilient latex foam absorbs pressure and cushions impact. The closed-cell structure compresses to absorb pressure with instantaneous recovery. The pure wool felt is strong and comfortable to deflect constant pressure.

22.5 cm X 45 cm

**2FOA5** 5 mm

**2FOA7** 7 mm



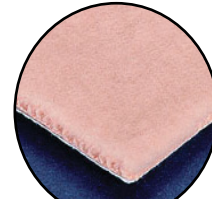
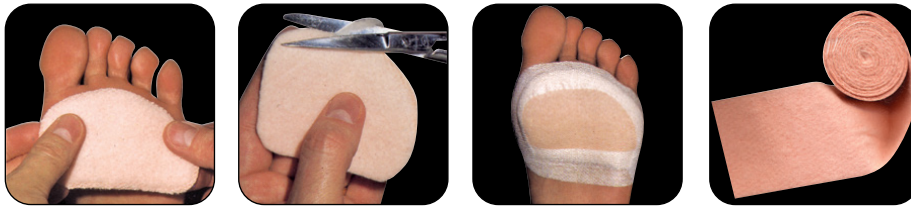
Adhesive back



## FLEECY WEB

100% cotton padding with raised fleecy surface; widely used to protect sore and tender skin from friction and rubbing. Transverse stretch allows Fleecy Web to conform to the skin which prevents creasing and provides comfort. It is soft and thin which is especially useful in confined and restricted areas. Available in sheets and rolls.

**2FLWS** 22.5 cm x 40 cm . . . . . (4 sheets per bag)



Adhesive back

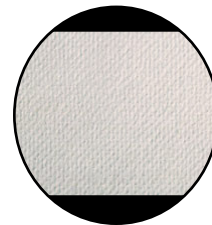


## CHIROFLEX

Transverse stretch prevents creasing and allows the patient maximum freedom and movement. It's versatility makes it ideal for a first dressing and also as a padding / dressing retention strapping. Air and moisture vapour permeable minimizes skin maceration and allows wide area application. Highly conformable has excellent molding qualities for easy shaping around toes, feet and joints. It can be sterilized in an autoclave, making it suitable for sterile procedures.

**2CH25** 2.5 cm x 10 cm . . . . . (2 rolls per box)

**2CH5** 5 cm x 10 cm . . . . . (2 rolls per box)



Adhesive back

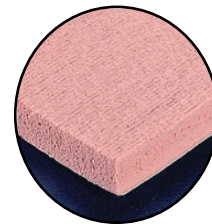


## SWAN FOAM

Unique composite structure made of latex foam bonded to a moleskin surface. Resilient latex foam absorbs force and cushions impact. Closed-cell structure compresses to absorb pressure with instantaneous recovery. Cotton moleskin cover increases tear-strength and provides a smooth surface for hosiery, shoes and skin.

22.5 cm X 45 cm

**2SWA5** 5 mm . . . . . (4 sheets per bag)

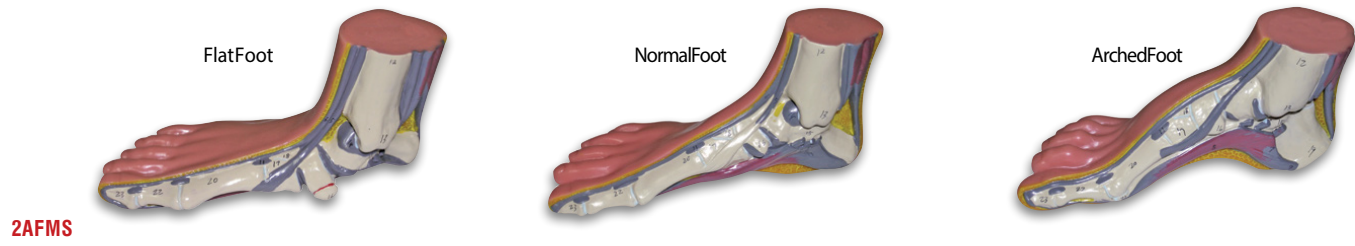


Adhesive back



# ANATOMICAL PRODUCTS

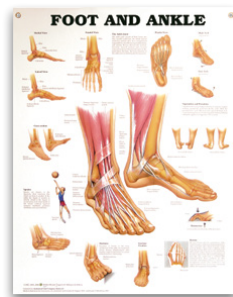
## SET OF THREE FOOT MODELS



## SKELETON FOOT MODEL



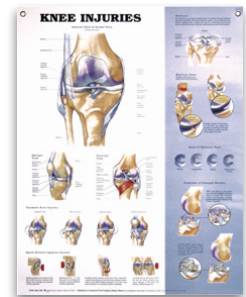
## ANATOMICAL CHARTS 20" X 26"



**2CFA**



**2CHK**



**2CKI**

# LATEX & RUBBER COMPONENTS

## SOFT LATEX RUBBER SHEETS

15.2 cm X 30.5 cm, 6" X 12" GREY

- 2ELS40** 4 mm 5/32"
- 2ELS50** 5 mm 3/16"
- 2ELS60** 6 mm 1/4"
- 2ELS90** 9 mm 5/32"



## TUBULAR LATEX STRIPS

SOFT GREY LATEX RUBBER

SIZES: 8 mm Thick / 90 cm Long    12 mm Thick / 70 cm Long    15 mm Thick / 30 cm Long

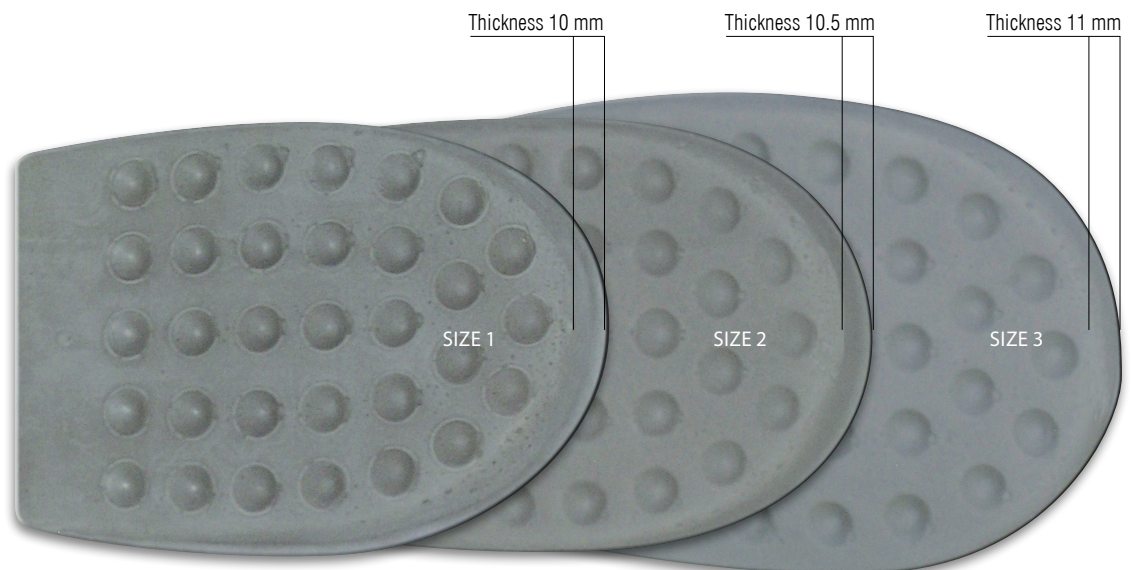
- 2E7182**                      **2E7137**                      **2E6513**



## #606 TAPERED HEEL PADS

SOFT GREY LATEX RUBBER

- 2E6061** (SIZE 1)
- 2E6062** (SIZE 2)
- 2E6063** (SIZE 3)



ACTUAL SIZES SHOWN

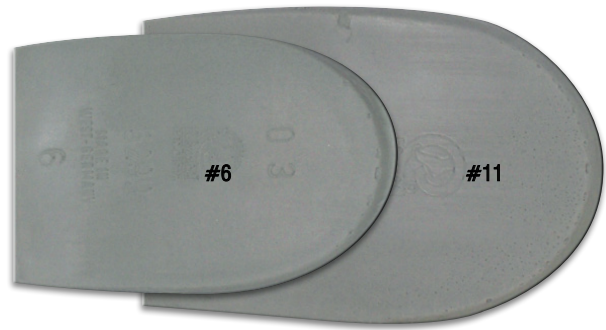
**#5299 TAPERED HEEL PADS**

**SOFT GREY LATEX RUBBER**

SIZES: 6.4 mm, 1/4" at Heel Strike 6, 11

**2E52996** (SIZE 6)

**2E529911** (SIZE 11)



ACTUAL SIZES SHOWN

**#6074 TAPERED BORDER PAD**

**SOFT GREY LATEX RUBBER**

**101388** (SIZE 3)

**101389** (SIZE 5)



ACTUAL SIZES SHOWN

**RUBBER WEDGE**

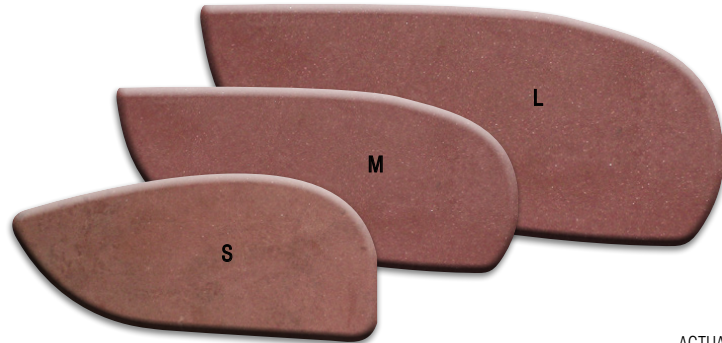
**FIRM PINK RUBBER**

(SOLD IN PAIRS; LEFTS & RIGHTS)

**2RWS** (Small)

**2RWM** (Medium)

**2RWL** (Large)



ACTUAL SIZES SHOWN

**SCAPHOID PADS**

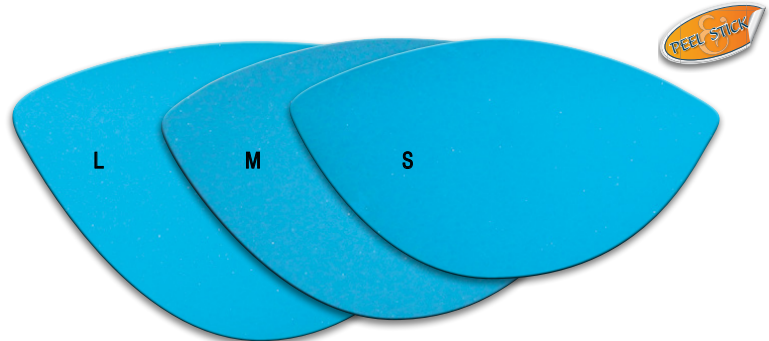
**MEDICAL GRADE BLUE PORON WITH PSA BACKING**

(Dozen pair per bag)

**2PSPS** (Small)

**2PSPM** (Medium)

**2PSPL** (Large)



ACTUAL SIZES SHOWN



# SCAPHOID PADS

## #12448 SCAPHOID PADS

### SOFT GREY LATEX RUBBER

#### 2E124482 (SIZE 2)

Thickness at highest point 4.8 mm, 3/16"

#### 2E124483 (SIZE 3)

Thickness at highest point 7.9 mm, 5/16"

#### 2E124484 (SIZE 4)

Thickness at highest point 5.5 mm, 7/32"

#### 2E124485 (SIZE 5)

Thickness at highest point 8.7 mm, 11/32"

#### 2E124486 (SIZE 6)

Thickness at highest point 15.1 mm, 19/32"



ACTUAL SIZES SHOWN

## SCAPHOID PADS

### FIRM PINK RUBBER

#### 2SP127 (SIZE 127)

Thickness at highest point 4.8 mm, 3/16"

#### 2SP122 (SIZE 122)

Thickness at highest point 5.5 mm, 7/32"

#### 2SP107 (SIZE 107)

Thickness at highest point 8.7 mm, 11/32"

#### 2SP108 (SIZE 108)

Thickness at highest point 5 mm, 19/32"

#### 2SP109 (SIZE 109)

Thickness at highest point 16.7 mm, 21/32"

#### 2SP126 (SIZE 126)

Thickness highest point 12.7 mm, 1/2"



ACTUAL SIZES SHOWN

# METATARSAL PADS

## METATARSAL PADS

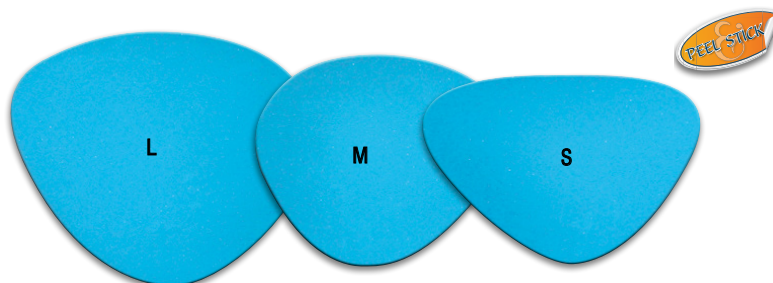
### MEDICAL GRADE BLUE PORON WITH PSA BACKING

(Dozen pair per bag)

#### 2PMPS (Small)

#### 2PMPM (Medium)

#### 2PMPL (Large)



ACTUAL SIZES SHOWN

## #8508 METATARSAL PADS

**SOFT GREY LATEX RUBBER**

(SOLD IN PAIRS; LEFTS & RIGHTS)

**2E85081** (SIZE 1)

**2E85082** (SIZE 2)

**2E85083** (SIZE 3)

**2E85084** (SIZE 4)

**2E85085** (SIZE 5)

**2E85086** (SIZE 6)



ACTUAL SIZES SHOWN

## #7443 STOMACH SHAPED METATARSAL PADS

**SOFT GREY LATEX RUBBER**

(SOLD IN PAIRS; LEFTS & RIGHTS)

**2E74431** (SIZE 1)

**2E74432** (SIZE 2)

**2E74433** (SIZE 3)

**2E74434** (SIZE 4)



ACTUAL SIZES SHOWN

## METATARSAL BARS

**MEDICAL GRADE BLUE PORON WITH PSA BACKING**

(Dozen pair per bag)

**2PMBS** (Small)

**2PMBM** (Medium)

**2PMBL** (Large)



ACTUAL SIZES SHOWN

## #7007 METATARSAL BARS

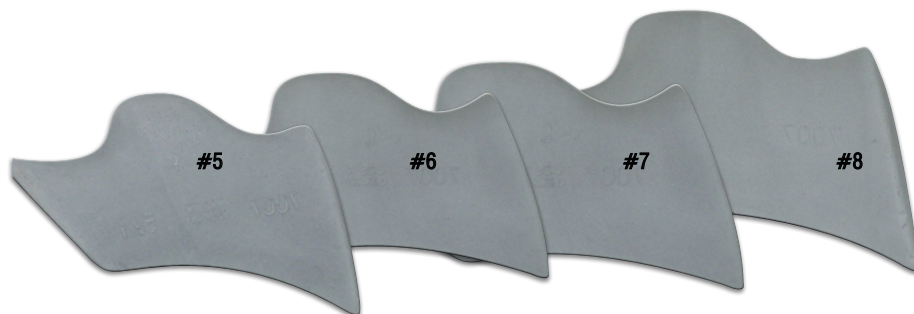
(SOLD IN PAIRS; LEFTS & RIGHTS)

**2E70075** (SIZE 5)

**2E70076** (SIZE 6)

**2E70077** (SIZE 7)

**2E70078** (SIZE 8)



ACTUAL SIZES SHOWN

## METATARSAL PADS

### #12436 METATARSAL PADS

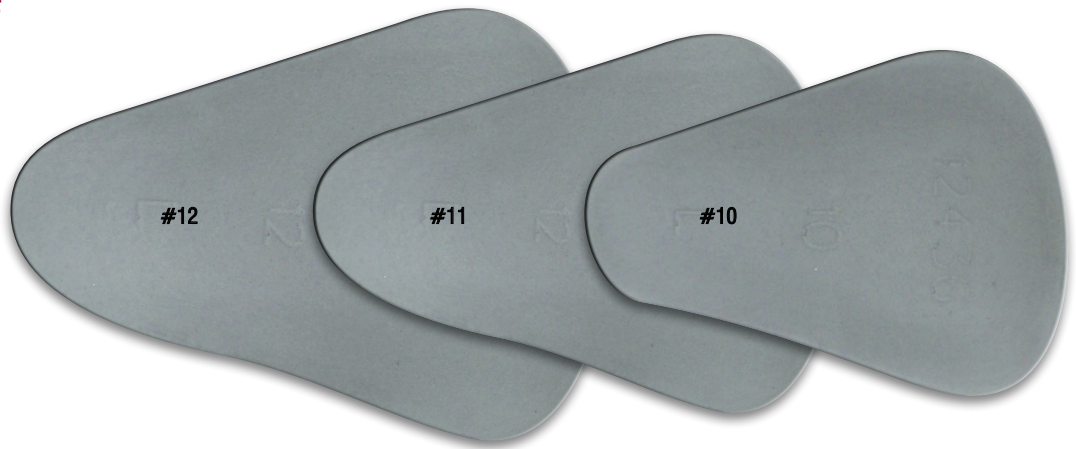
#### SOFT GREY LATEX RUBBER

(SOLD IN PAIRS; LEFTS & RIGHTS)

**2E1243610** (SIZE 10)

**2E1243611** (SIZE 11)

**2E1243612** (SIZE 12)



ACTUAL SIZES SHOWN

## FOREFOOT PADS

### #12470 FOREFOOT PADS

#### SOFT GREY LATEX RUBBER

(SOLD IN PAIRS; LEFTS & RIGHTS)

**2E124701** (SIZE 1)

**2E124702** (SIZE 2)

**2E124703** (SIZE 3)

**2E124704** (SIZE 4)



ACTUAL SIZES SHOWN

## SBR FOAM METATARSAL PADS & BARS

SBR foam metatarsal pads and bars are fabricated with 100% synthetic latex foam, making them hypo allergenic and free of any harmful substances. This material with a memory that bounces back without losing its cushioning effectiveness, is also known for its superior shock absorption, moisture absorption and breathability. A great alternative for those with allergies to latex!

### #7830 SYNTHETIC LATEX MET PADS - WITH THIN PROFILE • 15 - 20 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

**100454** SIZE 0 (2 mm)

*Thickness is measured from the centre of the pad.*

*Sizes are approximate.*



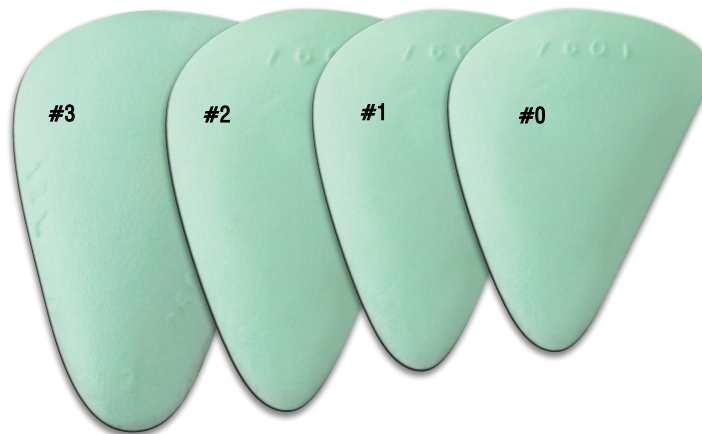
ACTUAL SIZES SHOWN

## #7601 SYNTHETIC LATEX MET PADS - WITH CENTRAL LIFT • 15 - 20 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

- 100445** SIZE 0 (3 mm)
- 100446** SIZE 1 (5 mm)
- 100447** SIZE 2 (7 mm)
- 100448** SIZE 3 (8 mm)

Thickness is measured from the centre of the pad.  
 Sizes are approximate.



ACTUAL SIZES SHOWN

## #7714 SYNTHETIC LATEX MET PADS - WITH LOW PROFILE • 15 - 20 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

- 100441** SIZE 1 (5 mm)
- 100442** SIZE 2 (5 mm)
- 100443** SIZE 3 (6 mm)
- 100444** SIZE 4 (7 mm)

Thickness is measured from the centre of the pad.  
 Sizes are approximate.



ACTUAL SIZES SHOWN

## #7721 SYNTHETIC LATEX MET PADS - WITH SOFT MET DISCHARGE • 15 - 20 DUROMETER

(SOLD IN PAIRS; EQUILATERALS)

- 100461** SIZE 0 (3.5 mm)
- 100434** SIZE 1 (3.5 mm)
- 100435** SIZE 2 (3.5 mm)
- 100436** SIZE 3 (3.5 mm)

Thickness is measured from the centre of the pad.  
 Sizes are approximate.



ACTUAL SIZES SHOWN

## #9025 SYNTHETIC LATEX MET PADS • 15 - 20 DUROMETER

(SOLD IN PAIRS; EQUILATERALS)

**100437** SIZE 0 (2.5 mm)

**100438** SIZE 1 (3.5 mm)

**100439** SIZE 2 (4.5 mm)

**100440** SIZE 3 (4.5 mm)

*Thickness is measured from the centre of the pad.*

Sizes are approximate.



ACTUAL SIZES SHOWN

## #7727 SYNTHETIC LATEX TOE BAR • 15 - 20 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

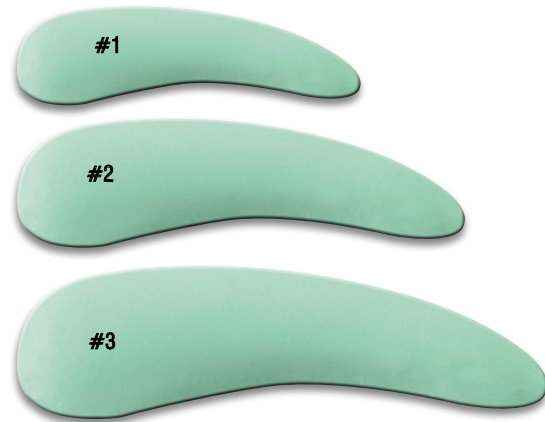
**100451** SIZE 1 (5 mm)

**100452** SIZE 2 (6 mm)

**100453** SIZE 3 (10 mm)

*Thickness is measured from the centre of the larger end of the pad.*

Sizes are approximate.



ACTUAL SIZES SHOWN

## #9056 SYNTHETIC LATEX MET BAR - WITH CENTRAL LIFT • 15 - 20 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

Synthetic latex met bars with central lift  
and 1<sup>st</sup> and 5<sup>th</sup> metatarsal discharge.

**100449** SIZE 1 (7.5 mm)

**100450** SIZE 2 (9 mm)

*Thickness is measured from the centre of the pad.*

Sizes are approximate.



ACTUAL SIZES SHOWN

## #7658 RUBBER & CORK 5 MM HEEL PADS • 70 - 75 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)



SIDE PROFILE

SIZE 1 (5 mm)

9.8 cm x 6 cm, 3.9" x 2.4"

**100455**

SIZE 2 (5 mm)

10.6 cm x 6 cm 4.2" x 2.4"

**100456**

SIZE 3 (5mm)

11.4 cm x 6.7 cm, 4.5" x 2.6"

**100457**

SIZE 4 (5mm)

11.9 cm x 7.3 cm, 4.7" x 2.9"

**100458**

Length

Width



4 3 2 1

ACTUAL SIZES SHOWN

## #7653 RUBBER & CORK 10 MM HEEL PADS • 70 - 75 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)



SIDE PROFILE

SIZE 1 (10 mm)

10.2 cm x 6.5 cm, 4" x 2.6"

**100459**

SIZE 2 (10 mm)

11.8 cm x 7.6 cm, 4.6" x 3"

**100460**

Length

Width

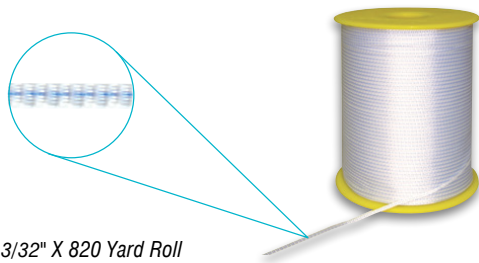


2 1

ACTUAL SIZES SHOWN

## MATERIALS FOR CUSTOM SHOE ENGINEERING

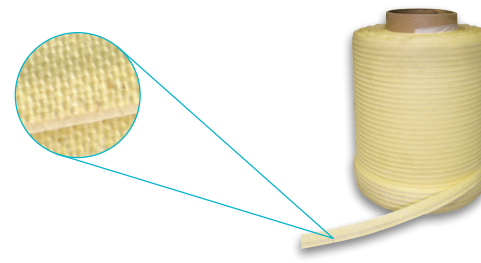
### TOP LINE REINFORCING TAPE



2.4 mm X 749 m, 3/32" X 820 Yard Roll

**2TLT**

### PRIME RIB TAPE



**2PRT1**

### STEEL SAFETY PLATES

#### FLEXIBLE MID-SOLE PLATE

SIZE 2: 27.3 cm x 8.9 cm, 10 3/4" x 3 1/2"

**2SM2**

SIZE 3: 28.9 cm X 9.2 cm, 11 3/8" x 3 5/8"

**2SM3**



## IMPERFLEX MATERIAL (SIMILAR TO AGOFLEX)

Box Toe and Heel Counter • Coated on one side with hot melt adhesive • Heat activated

### BOX TOE

1 m x 1.5 m, 39" x 59"

**100675** 0.55 mm - 0.6 mm White

### HEEL COUNTER

1 m x 1.5 m, 39" x 59"

**100676** 0.9 mm - 1.0 mm White

White



## ERKOFLEX

- Soft, clear (semi-transparent), flexible material
- Ideal for box toe reinforcement
- Never hardens
- Heat at 250°F for two minutes

1 m x 1 m, 39" x 39"

**2SE15** 1.5 mm Semi-Transparent

**2SE2** 2 mm Semi-Transparent

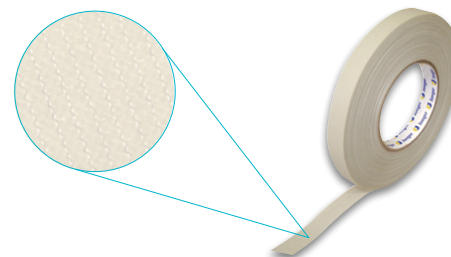
**2SE3** 3 mm Semi-Transparent

## BACK SEAM TAPE

1.6 cm x 91.4 m

5/8" x 100 Yard Roll,

**2BST** White



## RHENOFLEX

**APPLICATIONS:** Renoflex is used to add rigidity to foot orthoses as a mid layer / stiffener, or for box toe and heel counter reinforcements in addition to other shoe modifications.

**PROPERTIES:** Economical thermolastic one-piece counter on non woven base with excellent shape reproduction and retention. One side coated with EVA Hotmelt

- Semi-flexible plastic with fabric backing for gluing
- When hot, exposed side is self-adhesive
- Washable and grindable

**PROCESSING NOTES:** This material requires an interface temperature of 95°C - 100°C for bonding, and 75°C - 80°C for reactivation. These temperatures can be reached with hot / cold system. Activating temperature is 140°C. Dwell time is 10 - 14sec. (according to the substance).

1 m x 1.5 m, 39" x 59"

**2SRF11** 1.05 - 1.10 mm White

**2SRF15** 1.5mm - 1.6 mm White

**2SRF18** 1.8mm - 1.85 mm White

White



## FLEXON INSOLE BOARD

1 m x 1.5 m, 40" x 60"

**2FIB3** 1.5 mm 1/16" Beige

**2FIB4** 2 mm 5/64" Beige

Beige



## E.P. REINFORCING MATERIAL (SIMILAR TO TEPP2)

1 m x 1.5 m, 39" x 59"

**2SEP1** 1.0 mm - 1.1 mm Natural

**2SEP17** 1.65 mm - 1.75 mm Natural

**APPLICATIONS:** E.P. Reinforcing material is an extremely versatile product which has a wide range of applications in orthopaedic's and footwear manufacture. E.P. Reinforcing material allows for flexible stabilization of orthopedic makeshifts such as flexible toe puffs and heel stiffeners, and any other applications where stiffening is required

**PROPERTIES:** E.P. Reinforcing material is an innovative plastic non-woven material that provides many possibilities to solve orthopaedic footwear tasks better, safer, and faster.

- Has fantastic shape stability
- Sweat and heat resistant
- Washable
- Perforated
- Synthetic non-woven fabric coated on one side with hot melt glue
- Water vapour permeable and absorbable
- Skin compatible

**PROCESSING NOTES:** Thermoplastically distortable at 180°C .Remoldable at 160°C

Natural

