

O & P, PEDORTHIC, CHIROPODY & PODIATRIC MATERIALS

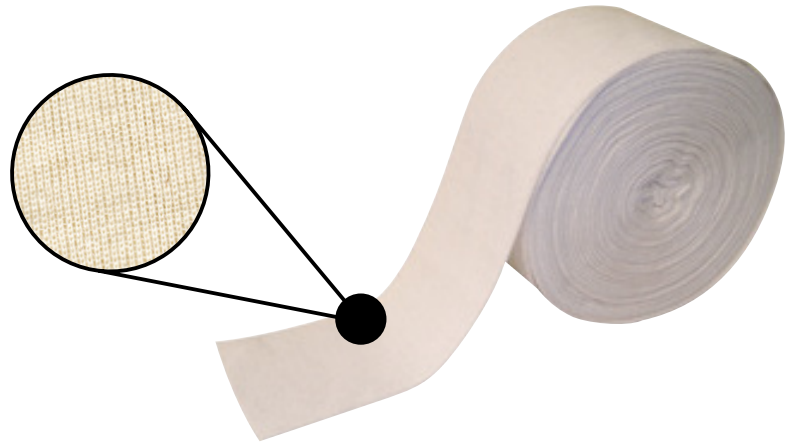


COTTON STOCKINETTES

USES: Provides skin protection for lining plaster or fiberglass casts. **2SC2** 2" (25 yard roll)

SPECIFICATIONS: **2SC3** 3" (25 yard roll)

- 25 yard roll **2SC4** 4" (25 yard roll)
- Available in 1"- 6", 8", 10", and 12" widths



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)



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

SACH FOOT ADAPTERS

ALUMINUM

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



PROSTHETIC ADAPTERS • TUBE ADAPTERS

ALUMINUM

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

STAINLESS STEEL / ALUMINUM

ITEM No.	WEIGHT LIMIT	WEIGHT	LENGTH
200077	125 kg / 275 lbs	272 g	400 mm
200078	125 kg / 275 lbs	207 g	250 mm



PROSTHETIC ADAPTERS • TUBE ADAPTER

STAINLESS STEEL

ITEM No.	WEIGHT LIMIT	WEIGHT	LENGTH
200085	125 kg / 275 lbs	170 g	70 mm



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

PROSTHETIC ADAPTERS • TUBE CLAMP ADAPTER

ALUMINUM

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

STAINLESS STEEL

200086	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
200089	125 kg / 275 lbs		136 g



200089

PROSTHETIC ADAPTERS • SLIDING ADAPTER

STAINLESS STEEL

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



200093

DOUBLE ADAPTERS • WITH ADJUSTMENT SCREWS

STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT	LENGTH
200104	125 kg / 275 lbs		130 g	32 mm
200102	125 kg / 275 lbs		148 g	45 mm
200100	125 kg / 275 lbs		167 g	60 mm
200098	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
200116	125 kg / 275 lbs		102 g	32 mm
200114	125 kg / 275 lbs		112 g	45 mm



200116



200114

FREE MOTION ANKLE JOINT

STAINLESS STEEL

ITEM NO.	THICKNESS
200374	3 mm



39.7 mm



PROSTHETIC ADAPTERS | SOCKET ADAPTERS

4 PRONG SOCKET ADAPTERS • WITH PYRAMID

STAINLESS STEEL

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



200118, 200200

3 PRONG SOCKET ADAPTER • WITH PYRAMID

STAINLESS STEEL

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



200201

3 PRONG SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

STAINLESS STEEL

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



200202

4 PRONG SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

STAINLESS STEEL

ITEM NO.	LOAD	WEIGHT	WEIGHT
200214	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
200212	125 kg / 275 lbs	145 g



200212

PROSTHETIC ADAPTER • 3 PRONG LAMINATION ANCHOR

STAINLESS STEEL

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



200206

PROSTHETIC ADAPTER • SOCKET ATTACHMENT BLOCK

WOOD & PLASTIC

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



200216

SOCKET ADAPTERS • WITH ROTATION ADJUSTMENT

STAINLESS STEEL

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



200220

SOCKET ADAPTERS • WITH PYRAMID

ALUMINUM

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

STAINLESS STEEL

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

TITANIUM

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



200219



200217



200218

COSMETIC FOAM COVERS | ADULT LOWER LIMB

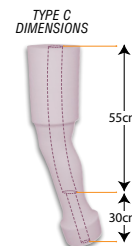
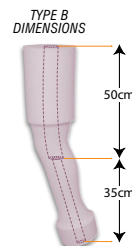
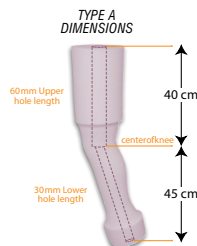
ADULT A.K. FOAM COVER • ABOVE - KNEE

LEFT SIDE RIGHT SIDE CALF. CIRCUM. HOLE DIAMETER LENGTH

200241	200242	40 cm	60-30 mm	85 / 90 cm	A
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200249	200250	44 cm	60-30 mm	85 / 90 cm	B
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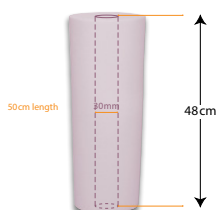
200255	200256	44 cm	60-30 mm	85 / 90 cm	C
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• A.K. foam covers are available in vacuum pack for easy storage and shipping

ADULT B.K. FOAM COVER • BELOW - KNEE

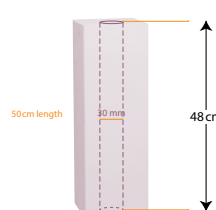
ITEM NO.	HOLE DIAMETER	LENGTH
200257	30 mm	48 cm



• 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
200258	30 mm	48 cm



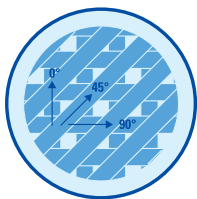


Toray Performance Materials

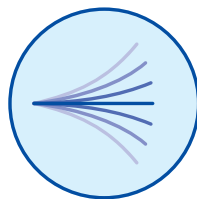
CFRT® Medical Performance Composites Materials Selector Guide Toray CFRT® composite materials are used to enhance the performance of medical applications. Our materials have unique attributes and, when used strategically, they can reduce the weight of the product substantially while increasing biomechanical stability. Our materials are used in combination with other components to develop product designs that are truly engineered. "Resilience" (spring or responsiveness) is a key performance attribute of Toray CFRT® composite materials that is found typically in Athletic Footwear applications. It is used to describe how the materials return to their original shape through millions of cycles; Thus, contributing to reduced foot fatigue and injury prevention. Toray CFRT® materials have performance and weight advantages over "chopped fiber reinforced" or "non-reinforced" injection molded materials. Toray CFRT® composite materials are "tunable." They can be tailored to increase or limit the range of foot motion with fiber replacement, resin mix, and component design. The fiber placement can be selected to provide the greatest mechanical properties in the desired direction. Similar to a continuous "bridge," Toray CFRT® materials provide engineered strength from one end of the component to the other. Toray CFRT® materials can be designed with different fiber types and content in each direction allowing for different properties in each direction. This allows the designer to develop a shoe component with different characteristics in the medial-lateral and longitudinal.



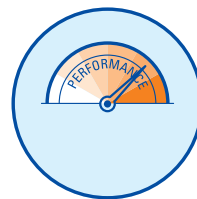
Lightweight



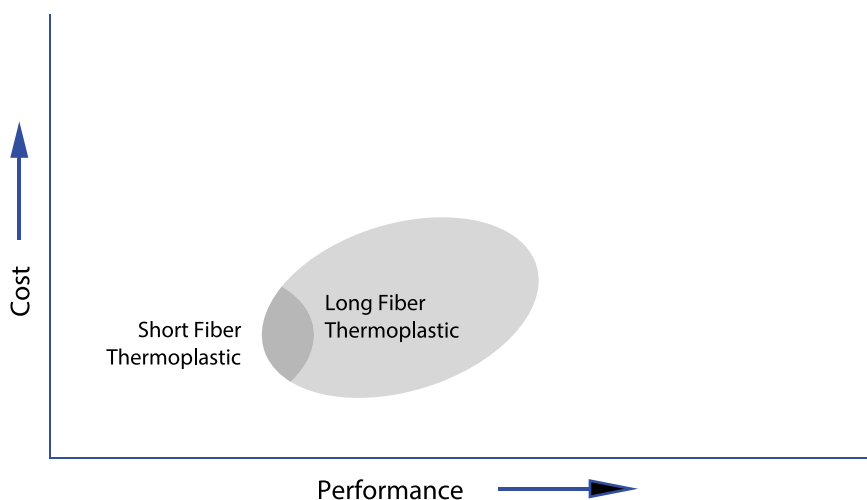
Engineered Reinforced Orientation



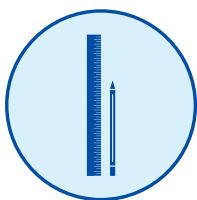
Resilient



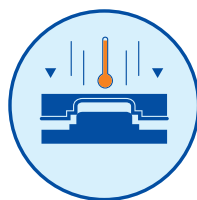
High Performance



Color Options



Design Freedom



Thermoformable



Strong

TORAY PMC CFRT® XT-ORTHOTICS FIBRE REINFORCED THERMOPLASTIC PLATES

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

THIN: XT 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 is 30% lighter than PP for the same degree of stiffness.

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

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

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

PRODUCT OFFERING: XT 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

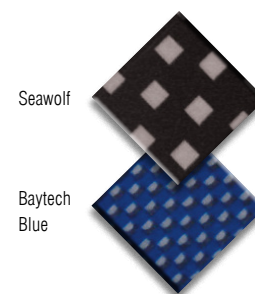
SIZES:

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

BLANK SIZES: (8.9 cm x 19.5 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")

SHEET SIZES: (61 cm x 91.4 cm, 24" x 36") (91.4 cm x 1.21 m, 36" x 48")

PLEASE NOTE: Cut sheets at a 45° angle



PROPERTY	EASE FLEX	SEMI FLEX	SEMI RIGID	MEDIUM RIGID	RIGID	ULTRA RIGID
Thickness mm	1.6 mm (1.5-1.75 mm)	1.8 mm (1.6-1.8 mm)	2.0 mm (1.85-2.0 mm)	2.3 mm (2.1-2.4 mm)	2.6 mm (2.4-2.65 mm)	3.1 mm (2.85-3.2 mm)
Rigidity	85 N-cm	265 N-cm	600 N-cm	724 N-cm	920 C-nm	1350 C-nm
Flexural Modulus	3.0 GPa	9.0 GPa	6.7 GPa	7.3 GPa	5.3 GPa	5.3 GPa
Time Grid Minutes 200 °C	3.0	3.5	4.0	4.5	4.5	5.0

TORAY PMC CFRT® XT-ORTHOTICS FABRICATION

THERMOPLASTIC ADVANTAGES:

- Composite structure for thinness and high strength
- Unique resin designed for high resistance to cracking, impact, and fatigue
- Superior recoil and spring characteristics
- Deep heel cups and directional rigidity for greater foot support and control
- Can be reheated and remolded

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

FABRICATION PROCESS:

- Easy to mold - allows deep heel cups • can be reheated and remolded • indefinite shelf life, no special storage conditions • easy to machine and finish • post adjustment with heat gun
- Equipment required: oven, vacuum former, mold cast, release liner (Teflon), gloves

1. Set the panel on release liner and place in oven at 200° C (400°F) for 3-5 minutes (see time grid)
2. Place the softened panel on mold.
3. Promptly apply vacuum and close the rubber membrane.
4. For the deep arches, massage out any wrinkles by hand.
5. After about 1 minute, remove molded insert and trim.

a) Note: If wrinkles occur, you can also 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



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
Semi Flex	1.8	3½ minutes
Semi Rigid	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

TORAY PMC CFRT® XT-ORTHOTICS PRODUCT CODES

	PLATES			SHEETS		
	Seawolf	8.9 cm x 19.5 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)	-----	2SWB4816	-----	-----	103221
	Semi Flex (1.8 mm)	2SWB357518	2SWB4818	2SWB5918	103228	104026
	Semi Rigid (2.0 mm)	-----	2SWB4820	2SWB5920	-----	103223
	Medium Rigid (2.3 mm)	2SWB357523	2SWB4823	2SWB5923	103230	103224
	Rigid (2.6 mm)	-----	2SWB4826	2SWB5926	-----	103225
	Ultra Rigid (3.1 mm)	-----	104078	-----	103232	103226
	Baytech Blue	8.9 cm x 19.5 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)	2BBB357520	2BBB4820	-----	-----	-----
	Medium Rigid (2.3 mm)	-----	2BBB4823	-----	-----	-----



TORAY CFRT® NRG PLATES

Toray CFRT® NRG Plates are used in medical applications to limit motion such as with Turf Toe or Hallux Rigidus and partial foot amputations. They are also used to make improvements in patients' gait and to redistribute pressures to less sensitive areas of the foot for diabetic patients. Toray CFRT® NRG plates are thermoplastic composite laminates that are made using Toray Cetex® TC940, a semi-crystalline polyethylene terephthalate (PET) matrix resin.

FEATURES:

- High performance, continuous fiber reinforced thermoplastic construction providing high strength to weight ratio.
- High resilience - will not lose shape or material properties after continued use in high loading applications.
- Easy to bond using conventional adhesives.
- Easy to fit and finish.

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, Hallux Rigidus

TORAY CFRT® NRG PRODUCT CODES

FLAT PLATES:	24 cm				26 cm				29 cm			
	Men's		Women's		Men's		Women's		Men's		Women's	
	US	EU	US	EU	US	EU	US	EU	US	EU	US	EU
	6	38	7	37.5	8	41	9	40	11	44.5	12	45
Semi Flex (1.6 mm)	-----				-----				2FPSF29			
Semi Rigid (1.8 mm)	2FPSR24				2FPSR26				2FPSR29			
Rigid (2.0 mm)	2FPR24				2FPR26				2FPR29			

CONTOURED PLATES:	23 cm				26 cm				29 cm				31 cm			
	Men's		Women's		Men's		Women's		Men's		Women's		Men's		Women's	
	US	EU	US	EU	US	EU	US	EU	US	EU	US	EU	US	EU	US	EU
	5	37	6	36	8	41	9	40	11	44.5	12	45	13	47	14	48
Semi Flex (1.6 mm)	2CPSF23				2CPSF26				2CPSF29				2CPSF31			
Semi Rigid (1.8 mm)	2CPSR23				2CPSR26				2CPSR29				2CPSR31			
Rigid (2.0 mm)	2CPR23				2CPR26				2CPR29				2CPR31			

MORTON TOE PLATES CONTOURED:	RIGHT 20 cm	LEFT 20 cm
Semi Rigid	2MTPSRCR	2MTPSRCL
Rigid	2MTPRCR	2MTPRCL

MORTON TOE PLATES FLAT:	20 cm
Semi-Rigid	2MTPSRF
Rigid	2MTPRF

TORAY CFRT® NRG FABRICATION

Fabrication Process:

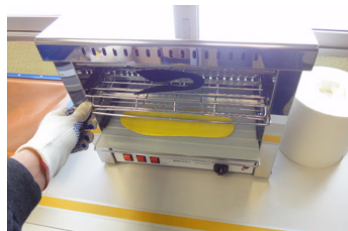
1. Cut plates using saw, jigsaw or scroll saw
2. Sand edges using conventional belt sander with 80 grit sandpaper and low RPM
3. Reforming NRG® plates is dependant on time, temperature, pressure, speed, mold condition and the amount of reshaping required. Please contact your National Shoe representative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



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.



1. Heat for 2 minutes at 80°C

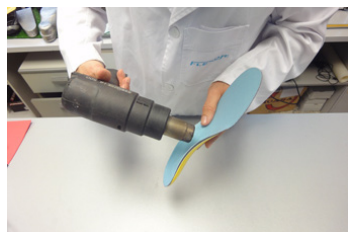


2. Join the elements and place on the plaster



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.

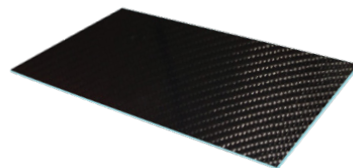
Amarillo Yellow Base + Carbon Fibre Heel + Blue Resiflex
102668 (36/38), **102669** (39/40), **102670** (41/42), **102671** (43/44), **102672** (45/46)

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

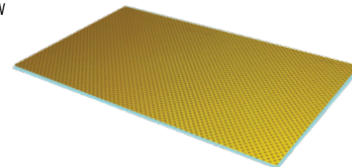


- No resistance to: alcohol, acetone, don't use solvents to clean
- Good resistance to: water, soap, salted water
- Temperature resistance: max 115°C (depending on the exposition time and pressure)

Black Resiflex Sheet (1mm) + Carbon Fibre (0.5mm)
 CF (Glass Fibres + PVC) 70cm x 110cm x 1.5mm (27.5" x 43" x 0.06")
 Black Carbon Fiber
103095



Blue Resiflex Sheet (1mm) + Amarillo Yellow (0.5mm) • AF (Polyurethane 69% + Cotton 11% + Polystyrene 20%) 70cm x 110cm x 1.5mm (27.5" x 43" x 0.06")
 Amarillo Yellow
103096



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:	
101342 Size 4	101345 Size 7	101349 Size 7	101353 Size 11
101343 Size 5	101346 Size 8	101350 Size 8	101354 Size 12
101344 Size 6	101347 Size 9	101351 Size 9	101355 Size 13
	101348 Size 10	101352 Size 10	

(High Arch)

Women's:		Men's:	
101356 Size 4	101359 Size 7	101363 Size 7	101367 Size 11
101357 Size 5	101360 Size 8	101364 Size 8	101368 Size 12
101358 Size 6	101361 Size 9	101365 Size 9	101369 Size 13
	101362 Size 10	101366 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:	
101328 Size 4	101331 Size 7	101335 Size 7	101339 Size 11
101329 Size 5	101332 Size 8	101336 Size 8	101340 Size 12
101330 Size 6	101333 Size 9	101337 Size 9	101341 Size 13
	101334 Size 10	101338 Size 10	



NS POLYPROPYLENE 3/4 PREFABS (THERMOPLASTIC) NS PRÉFABRIQUÉS EN POLYPROPYLENE 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.

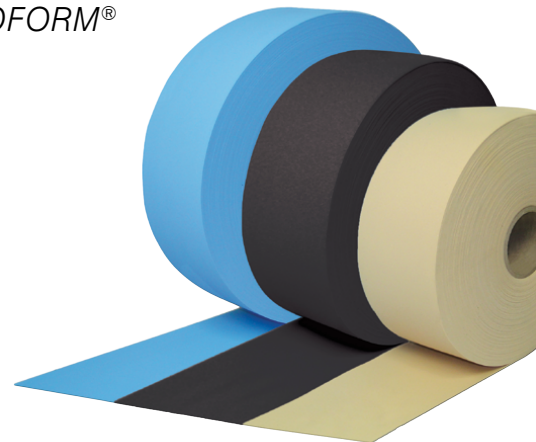
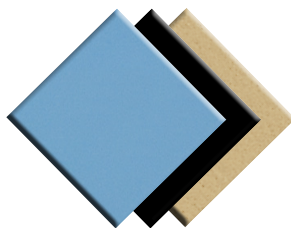
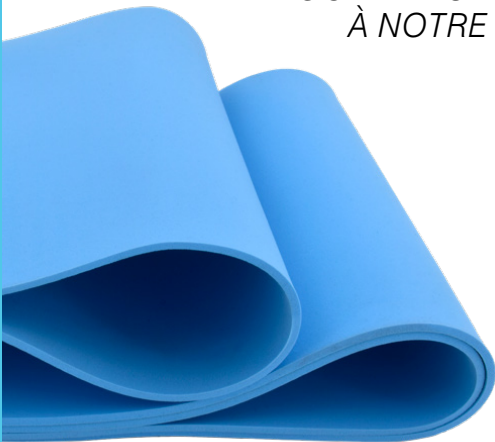
NEUTRAL ARCH	ARCHE NEUTRE	Regular Heel Cup 3.2 mm Talon régulière	Deep Heel Cup 2.4 mm Talon profonde
NS POLYPROPYLENE PREFAB WHITE (35-36)	NS POLYPROPYLENE PRÉFABRIQUÉ BLANC (35-36)	103926	103938
NS POLYPROPYLENE PREFAB WHITE (37-38)	NS POLYPROPYLENE PRÉFABRIQUÉ BLANC (37-38)	103927	103939
NS POLYPROPYLENE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

ProCell®

Urethanes / Uréthanes

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 CAV/E PROFORM®



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.

Properties / Propriétés

PROPERTY PROPRIÉTÉ	DENSITY DENSITÉ	CD 25%	CFD 25%	COMPRESSION SET 50% 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® 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'	103766
*LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 60" x 12" / 60"x100'	103767
*LIGHT BLUE / BLEU CLAIR	1/4", 6.4 mm - 60" x 12" / 60"x 50'	103780
*LIGHT BLUE / BLEU CLAIR	3/8", 9.5 mm - 60" x 12" / 60"x 50'	103772
LIGHT BLUE / BLEU CLAIR	1/16", 1.6 mm - 30"x100'	103952
LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 30"x100'	103953
LIGHT BLUE / BLEU CLAIR	1/4", 6.4 mm - 30"x 50'	103954
LIGHT BLUE / BLEU CLAIR	3/8", 9.5 mm - 30"x 50'	103955
*BLACK / NOIR	1/16", 1.6 mm - 60" x 12" / 60"x100'	103768
*BLACK / NOIR	1/8", 3.2 mm - 60" x 12" / 60"x100'	103769
*BLACK / NOIR	1/4", 6.4 mm - 60" x 12" / 60"x 50'	103781
*TAN / HAVANE	1/16", 1.6 mm - 60" x 12" / 60"x100'	103770
*TAN / HAVANE	1/8", 3.2 mm - 60" x 12" / 60"x100'	103771

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

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

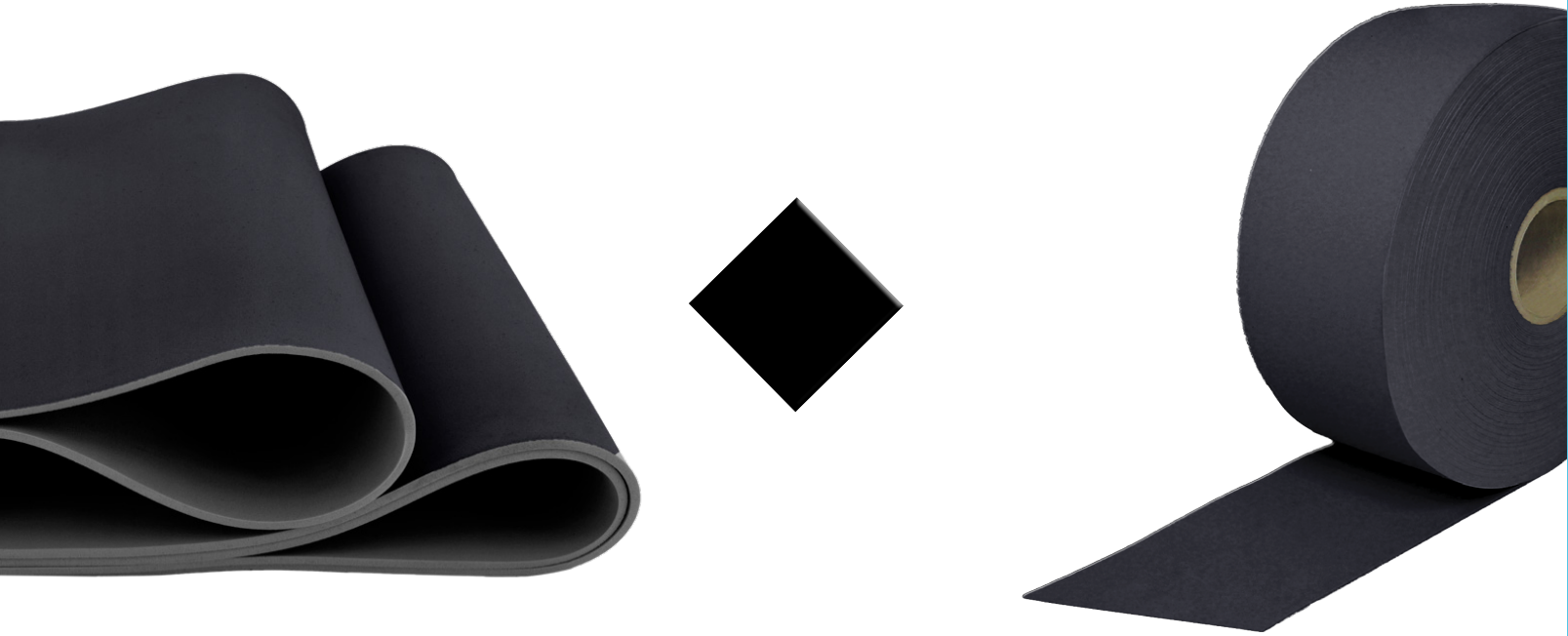
LIGHT BLUE / BLEU CLAIR	1/16", 1.6 mm - 5"x100'	103774
LIGHT BLUE / BLEU CLAIR	1/8", 3.2 mm - 5"x100'	103775
BLACK / NOIR	1/16", 1.6 mm - 5"x100'	103776
BLACK / NOIR	1/8", 3.2 mm - 5"x100'	103777
TAN / HAVANE	1/16", 1.6 mm - 5"x100'	103778
TAN / HAVANE	1/8", 3.2 mm - 5"x100'	103779

Does not contain latex (natural or synthetic) / Ne contient pas de latex (naturel ou synthétique)

ProCell® SOFT / DOUX

PROCELL® SOFT: SAME TRUSTED QUALITY, SOFTER CUSHIONING.

PROCELL® DOUX : MÊME QUALITÉ ÉPROUVÉE, AMORTI PLUS DOUX.



ProCell® SOFT 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® SOFT 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.

Properties / Propriétés									
PROPERTY PROPRIÉTÉ	DENSITY DENSITÉ	CD 25%	CFD 25%	COMPRESSION SET 50% 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® SOFT / DOUX Black / Noir	14	8	5	1.2	4.3	80	125	10.5	34

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

*BLACK / NOIR 1/4", 6.4 mm - 60"x12" / 60"x50' **103957**

BLACK / NOIR 1/16", 1.6 mm - 5"x100' **103958**

BLACK / NOIR 1/8", 3.2 mm - 5"x100' **103959**

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

Does not contain latex (natural or synthetic) / Ne contient pas de latex (naturel ou synthétique)

ProCell®

PROTECT / PROTECTION

PROCELL® PROTECT OFFERS OUTSTANDING HIGH-DENSITY DURABILITY AND SUPERIOR IMPACT RESISTANCE.

PROCELLMD PROTECT PERMET UNE DURABILITÉ REMARQUABLE ET UNE RÉSISTANCE SUPÉRIEURE AUX CHOCS GRÂCE À SA HAUTE DENSITÉ.



ProCell® Protect offers high-density strength and impact resistance for demanding use. It's advanced urethane cushions and rebounds reliably with every compression. Designed for repeated heavy use, it provides lasting comfort and shock absorption. 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® Protect procure la solidité et la résistance aux chocs nécessaires à un usage robuste grâce à sa haute densité. Fait d'uréthane supérieur, qui amortit et rebondit de manière fiable à chaque compression. Conçu pour un usage intensif et répété, il offre un confort durable et une bonne absorption des chocs. 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.

Properties / Propriétés									
PROPERTY PROPRIÉTÉ	DENSITY DENSITÉ	CD 25%	CFD 25%	COMPRESSION SET 50% 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® PROTECT / PROTECTION Blue Cobalt / Bleu cobalt	15-19	8-15	130	3	10	130	125	16.5	13

ProCell® PROTECT / PROTECTION Rolls / Rouleaux (60"x12"/100') Double Abraded / Double abrasion

*BLUE COBALT / BLEU COBALT 1/16", 1.6 mm - 60" x 12" / 60"x100' **104089**

*BLUE COBALT / BLEU COBALT 1/8", 3.2 mm - 60" x 12" / 60"x100' **104090**

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

Does not contain latex (natural or synthetic) / Ne contient pas de latex (naturel ou synthétique)

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
- Microcellular Structure
- Fungal Resistant
- 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** (6 mm 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")

Lt. Blue

Beige

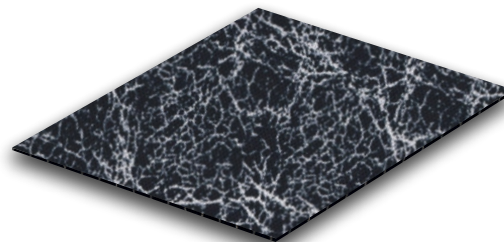


PORON MEDICAL® URETHANES SOFT SUPPORTING WITH XS

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")

11.4 cm x 24.4 m, 4.5" x 80' - Double Abraded

100811 (3 mm 1/8")

BEIGE

11.4 cm x 50.3 m, 4.5" x 165' - Double Abraded

100813 (1.5 mm 1/16")

Light Blue Poron Wheel
Beige Poron Wheel



ACOR® ECHOCEL® PULSE*(Luxurious comfort with dynamic memory response)*

EchoCel® Pulse delivers an unparalleled level of comfort. This exceptional custom-contouring material seamlessly bounces back to its initial state after every use.

Density.....13 - 18 pcf

Compression Set 50%3% - 5% max

Tensile Strength70 psi

Resilience8 %

91.4 cm x 1.5 m, 36" x 60" - Double Abraded

104103 (1.6 mm 1/16")

104044 (3.2 mm 1/8")



POLYMER	POLYURETHANE		
PHYSICAL PROPERTY	TEST METHOD	RESULT (US UNITS)	RESULT (METRIC UNITS)
Density	ASTM D3574	13 - 18 pcf	208.2 - 288.3 kg/m ³
Compression Force Deflection 25%	ASTM D3574	4 - 9 psi	27.5 - 62 kPa
Compression Set 50%	ASTM D1056	3% Max	3% Max
Compression Set 50%	ASTM D3574	5% Max	5% Max
Tensile Strength	ASTM D3574	70 psi	482.6 kPa
Elongation	ASTM D3574	170%	170%
Tear Strength	ASTM D624	12 lb./in	2.1 kN/m
Resilience	ASTM D2632	8%	8%

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.....13 - 18 pcf

Compression Set 50%3% - 5% max

Tensile Strength70 psi

Resilience8%

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")



POLYMER	POLYURETHANE		
PHYSICAL PROPERTY	TEST METHOD	RESULT (US UNITS)	RESULT (METRIC UNITS)
Density	ASTM D3574	13 - 18 pcf	208.2 - 288.3 kg/m ³
Compression Force Deflection 25%	ASTM D3574	4 - 9 psi	27.5 - 62 kPa
Compression Set 50%	ASTM D1056	3% Max	3% Max
Compression Set 50%	ASTM D3574	5% Max	5% Max
Tensile Strength	ASTM D3574	70 psi	482.6 kPa
Elongation	ASTM D3574	170%	170%
Tear Strength	ASTM D624	12 lb./in	2.1 kN/m
Resilience	ASTM D2632	8%	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.

Qualität · Hygiene



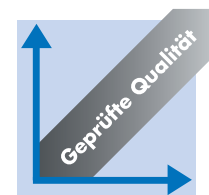
DERMATEST SEAL PROVEN SKIN COMPATIBILITY

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.
Lunatec combi 1	Lunalastik (6 mm)	Permanently resilient	25	0.23	6	12
14 mm	Lunasoft AL (8 mm)	Stabilising	52	0.26		
Lunatec combi 2	Lunairflex (6 mm)	Bedding	22	0.12	9	18
16 mm	Lunasoft SLW (10 mm)	Permanently resilient	30	0.20		
Lunatec combi 3	Lunalastik (6 mm)	Permanently resilient	25	0.23	9	18
16 mm	Lunasoft SLW (10 mm)	Permanently resilient	30	0.20		
Lunatec combi 4	Lunairflex (3 mm)	Bedding	22	0.12	5	10
9 mm	Lunalastik (6 mm)	Permanently resilient	25	0.23		
Lunatec combi 5	Lunalastik (3 mm)	Permanently resilient	25	0.23	3	6
7 mm	Lunasoft SLW (4 mm)	Permanently resilient	30	0.20		
Lunatec combi 6	Lunasoft SLW (4 mm)	Permanently resilient	30	0.20	6	12
14 mm	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

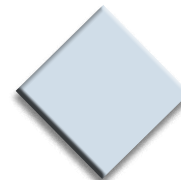
PRODUCT DETAILS • ASTRO FORM 8

DENSITY: 0.17 g/cm³

COLOUR: Ice Blue (318)

THICKNESS: 1.5 mm, 3 mm & 6 mm

Ice Blue



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 a 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

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

PRODUCT DETAILS • ASTRO MED 10:

SOFTNESS: approx. 10 Shore A

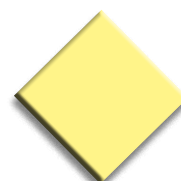
DENSITY: 0.27 g/cm³

COLOUR: vanilla (316)

THICKNESS: approx. 3mm

***Not thermoformable**

Vanilla
(Pale Yellow)



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 heel 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/cm³

COLOUR: sky blue (339)

THICKNESS: 2 mm, 3 mm

Sky Blue



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/cm³

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

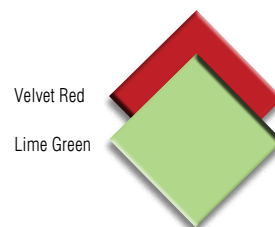
- Thermoformable at a processing temperature of approx. 110-130°C
- Hygienic and disinfectable due to the closed cellular surface
- Skin tolerability tested and certified by the Fresenius Institute
- Excellent bonding properties

PRODUCT DETAILS • AERO SORB M

HARDNESS: M = Medium
DENSITY: 0.16 g/cm³
COLOUR: velvet red (31g)
THICKNESS: 3 mm & 6 mm
bedding cushioning properties

PRODUCT DETAILS • AERO SORB W

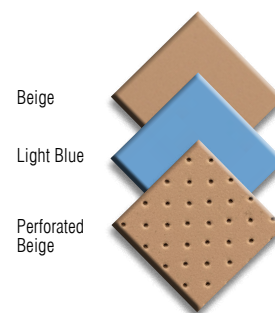
HARDNESS: W = Soft
DENSITY: 0.15 g/cm³
COLOUR: lime green (325)
THICKNESS: 3 mm & 6 mm
bedding cushioning properties



LUNAIRMED 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.

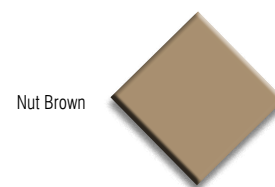
PROCESSING NOTES: Usual EVA bonding. Adapt contact pressure to the flexibility of the material, horizontal deformation is to be avoided. Thermoformable at 110°C - 130°C.

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.

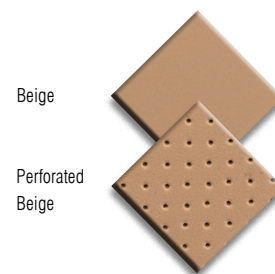
LUNAIRFLEX EVA EXPANDED SHEETS • 22 DUROMETER

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.

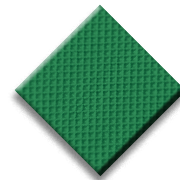
ORTHOSORB (SHOCK ABSORBING RUBBER)

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.

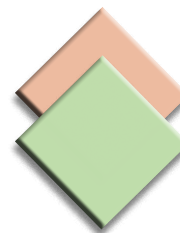
APPLICATIONS: Cushioning sheets for inner shoes. For shaping elements for medium stresses, e.g. calf prostheses, as upper material for interim, therapy, and bathing shoes, for beddings and shock-absorbers in inner shoes.

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)

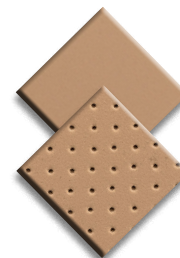
APPLICATIONS: Cushioning material for soft bedding inserts in orthopaedic custom-made shoes and in ready-made shoes, for cushioning support of the calcaneal spur.

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

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.

Beige



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)

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

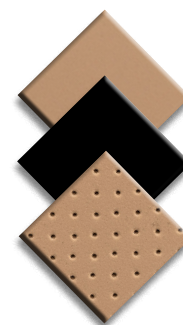
101218 (12 mm 1/2") Black

Beige

Black

Perforated

Beige



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 Lunalight 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 unsuceptible 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

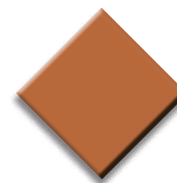
1NN3 (3 mm 1/8") Brown

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.

Brown



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.

nora® LUNALASTIK

DENSITY: 0.23 g/cm³

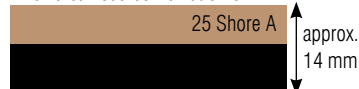
SHORE HARDNESS: 25 Shore A

COLOUR: beige (07)

THICKNESS: 6 mm

permanently resilient cushioning properties

The vulcanised combination of:



nora® LUNASOFT AL

DENSITY: 0.26 g/cm³

SHORE HARDNESS: 52 Shore A

COLOUR: white (09)

THICKNESS: 8 mm

stabilizing properties

SHEET SIZE:

91.4 cm x 57.2 cm, 36" x 22.5"

1NNLC1

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.

nora® LUNAIRFLEX

DENSITY: 0.12 g/cm³

SHORE HARDNESS: 22 Shore A

COLOUR: beige (07)

THICKNESS: 6 mm

bedding cushioning properties

The vulcanised combination of:



nora® LUNASOFT SLW

DENSITY: 0.20 g/cm³

SHORE HARDNESS: 30 Shore A

COLOUR: grey-beige (17)

THICKNESS: 10 mm

permanently resilient cushioning properties

SHEET SIZE:

91.4 cm x 57.2 cm, 36" x 22.5"

1NNLC2

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.

nora® LUNALASTIK

DENSITY: 0.23 g/cm³

SHORE HARDNESS: 25 Shore A

COLOUR: beige (07)

THICKNESS: 6 mm

permanently resilient cushioning properties

The vulcanised combination of:



nora® LUNASOFT SLW

DENSITY: 0.20 g/cm³

SHORE HARDNESS: 30 Shore A

COLOUR: stone (19)

THICKNESS: 10 mm

permanently resilient cushioning properties

SHEET SIZE:

86.4 cm x 57.2 cm, 34" x 22.5"

1NNLC3

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.

nora® LUNAIRFLEX

DENSITY: 0.12 g/cm³

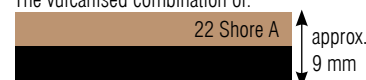
SHORE HARDNESS: 22 Shore A

COLOUR: beige (07)

THICKNESS: 3 mm

bedding cushioning properties

The vulcanised combination of:



nora® LUNALASTIK

DENSITY: 0.23 g/cm³

SHORE HARDNESS: 25 Shore A

COLOUR: white (09)

THICKNESS: 6 mm

permanently resilient cushioning properties

SHEET SIZE:

86.4 cm x 57.2 cm, 34" x 22.5"

1NNLC4

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/cm³
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/cm³
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/cm³
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/cm³
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"
1NLT6

LUNASOFT AL WEDGE • 50 DUROMETER (POSTING STRIPS)

(3 mm) 55.8 cm, 22" LONG

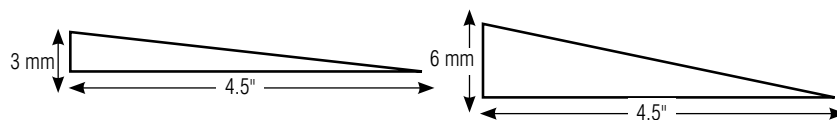
101255 (Beige)

101256 (Black)

(6 mm) 55.8 cm, 22" LONG

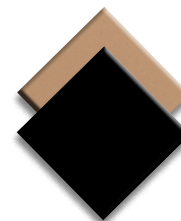
101257 (Beige)

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

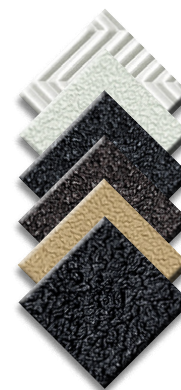
White

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 soling 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



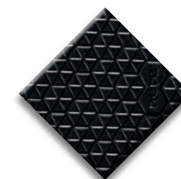
NORA® ASTROLIGHT DELTA • 50 DUROMETER

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

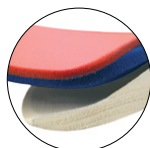


HEAT MOLDABLE ORTHOTIC PRE-FAB (LATEX FREE)

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



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

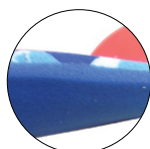
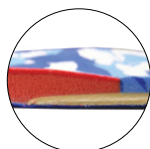


100287 Size 35	100089 Size 39	100093 Size 43
100086 Size 36	100090 Size 40	100094 Size 44
100087 Size 37	100091 Size 41	100095 Size 45
100088 Size 38	100092 Size 42	100096 Size 46

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



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



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



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

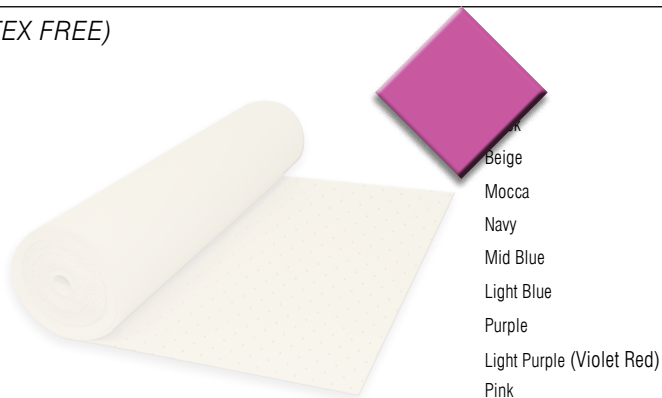
National Shoe Specialties is proud to offer the most extensive line of EVA fabrication materials in Canada. We can offer custom thicknesses (1mm-36mm), colours, durometers, and laminations in most of our Proform™, Orthoplast™, and Featherlite™ brands. Call our customer service team at 1-800-387-5246 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
100046	(1 mm 3/64")	Purple
100047	(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)

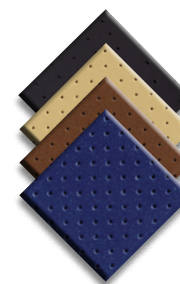
45 DUROMETER

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

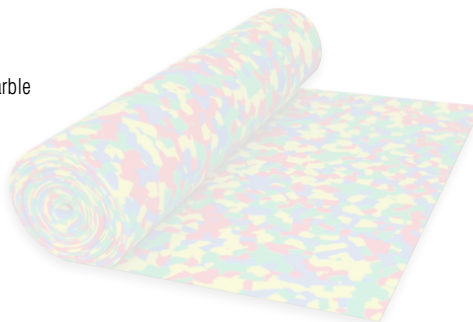
4 m x 31 cm, 157" x 12"

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



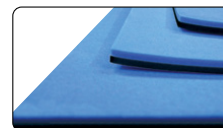
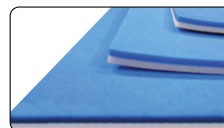
PROFORM™ DUAL-LAM EVA SHEETS (LATEX FREE)

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)

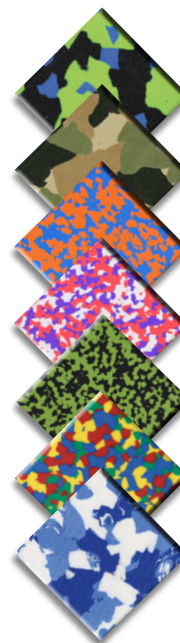
Grn/Blk/Blue
Marble

Camouflage

Blue/Orange

Pink/Purple/
White (Candy)

Grn/Blk
(Army)



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

Yel/Grn/Blue/
Red Marble

Blue/White
Marble

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



125 cm x 92 cm, 49" x 36" Solid Colour Sheets

100824	(34 mm 1.3")	Mid Blue
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* 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)
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

85.1 cm x 1.2 m, 33.5" x 45.5" Solid Colour Sheets
100484 (34 mm 1 11/32") 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

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.

PROFORM™ EVA SHEETS (LATEX FREE)

55 DUROMETER

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

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

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

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

65 DUROMETER

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

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

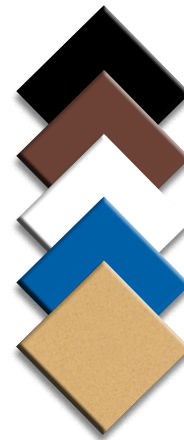
Black

Brown

White

Mid Blue

Oak



FEATHERLITE™ FIRM EVA SHEETS (LATEX FREE)

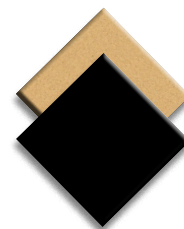
70 DUROMETER

81.3 cm x 1.1 m, 32" x 43.5"

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

Oak

Black



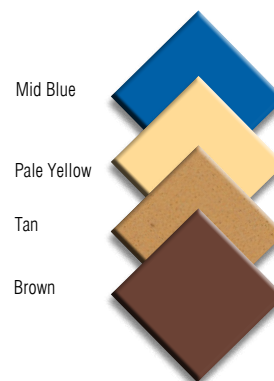
* Proform™ EVA sheets are available for custom order. Please contact your sales representative for more information.

* 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)

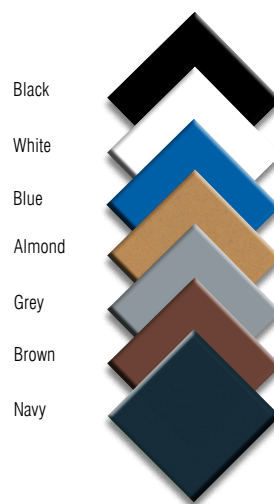
ORTHOPLAST™ EVA SHEETS (LATEX FREE)

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

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

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 • 55 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 • 55 DUROMETER 1.12 m x 86.4 cm, 44" x 34"

102272	(10 mm 25/64") Multicork
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MULTICORK • 55 DUROMETER 76.2 cm x 91.4 cm, 30" x 36"

100834	(6 mm 1/4") Black
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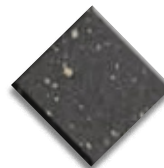
Aerocork



Multicork

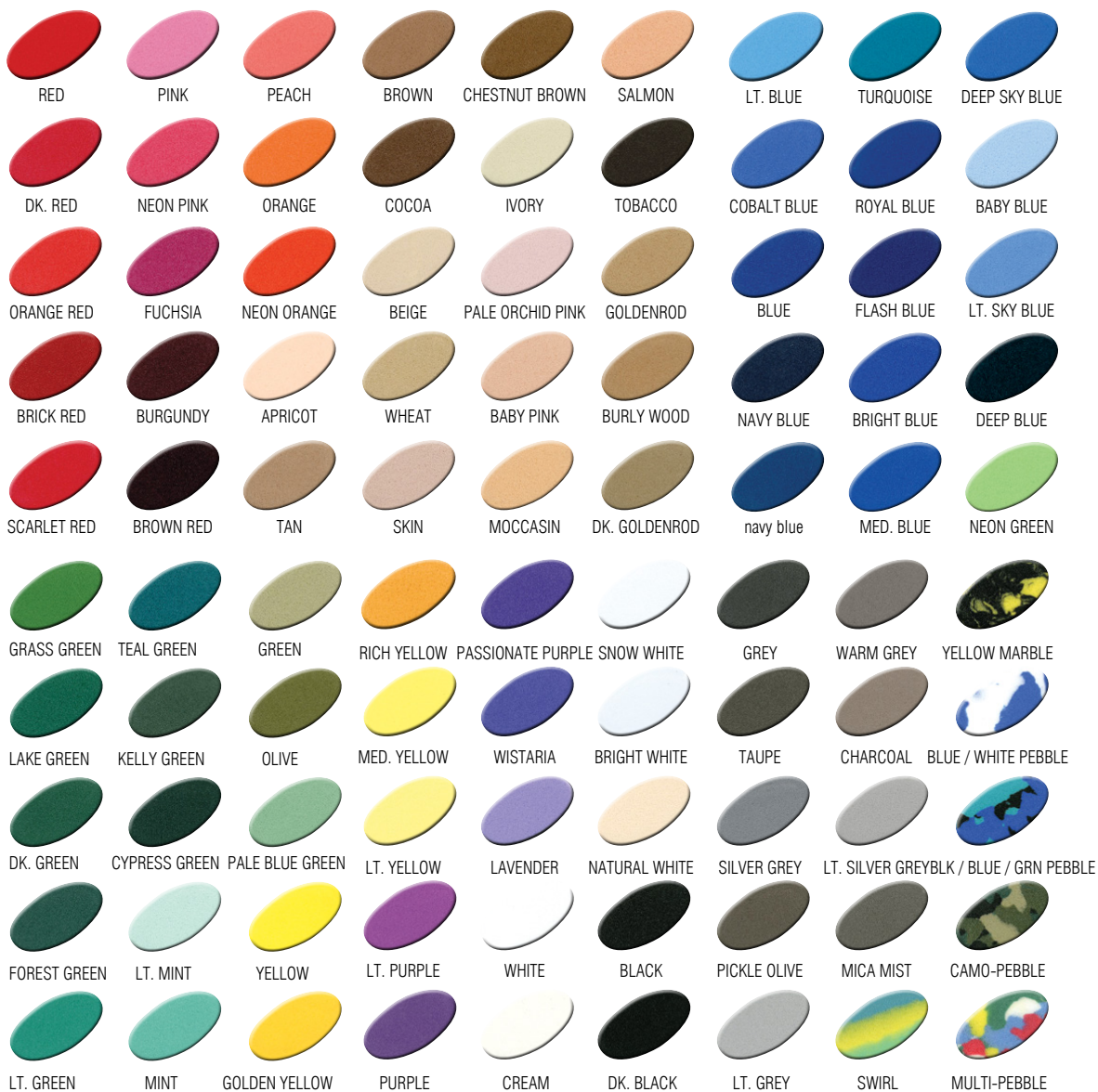


Black



ProForm®
EVA

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.

* 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)

CORK SHEETS

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

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

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

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

Rubberized
cork

Cork



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

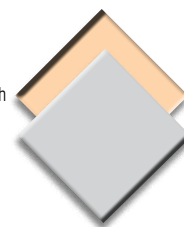
RCH 500 - PRE-CUT BLANKS

12.7 cm x 22.9 cm, 5" x 9"

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

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



Peach Flesh

Red

Blue

Natural

Black



93.4 cm x 1.9 m, 37" x 76"

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

RCH 500 - SHEETS (Similar to Subortholene™)

96 cm x 96 cm, 37.8" x 37.8"

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

Peach Flesh

Red

Blue

Natural

Black



POLYPROPYLENE & CO-POLYMER SHEETS

NOTE: POLYPROPYLENE, CO-POLY AND LOW DENSITY POLYETHYLENE SHEETS IN 4' X 8', 4' X 4', AND 2' X 4' FORMATS WILL HAVE SPECIAL HANDLING CHARGES APPLIED IF SHIPPING ON OUR COURIER ACCOUNT. (LTL/PALLET/SKID SHIPMENTS DON'T APPLY).

***SHIPMENTS VIA COURIER CAN BE CUT TO 24" X 32" (4' X 4' SHEETS) OR 24" X 42" (2' X 4' SHEETS) TO AVOID SPECIAL HANDLING CHARGES.**

***CUTTING REQUESTS MUST BE CONFIRMED WHEN PLACING ORDER OR CHARGES WILL APPLY.**

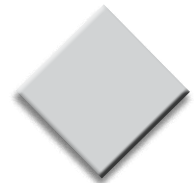
O & P GRADE POLYPROPYLENE SHEETS

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

1.2 m x 1.2 m, 4' x 4'

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

Natural



1.2 m x 2.4 m, 4' x 8'

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

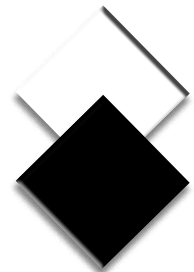
This coloured polypropylene is ideal for a broad variety of orthotic and prosthetic applications. Polypropylene sheets are stress relieved.

1.2 m x 1.2 m, 4' x 4'

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

White

Black



1.2 m x 2.4 m, 4' x 8'

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

1.2 m x 1.2 m, 4' x 4'

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

Natural



1.2 m x 2.4 m, 4' x 8'

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

- 1.2 m x 1.2 m, 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

- 1.2 m x 2.4 m, 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.

100761 (14")

PLEASE NOTE:

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



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)

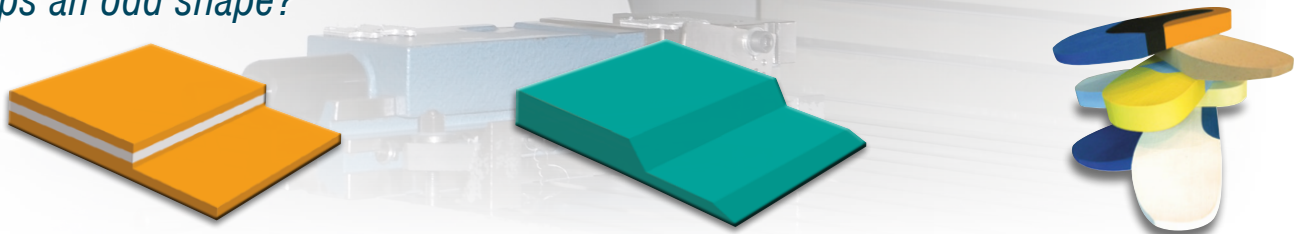
Density, g/cm3	0.90 - 0.91
Water absorption	0.03 - 0.04
Molding shrink ratio	1.0 - 2.0
Tensile strength, MPa	30.0 - 390
Elongation	>200
Bending strength, MPa	42.0 - 56.0
Impact strength	2.2 - 2.5
Compressive strength, MPa	39.0 - 50.0
Rigidity (HRC) R	95 - 105
Distortion temperature (1.86MPa) °C	56 - 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

CAD-CAM polypropylene blocks for direct milled orthotics fabrication.

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?

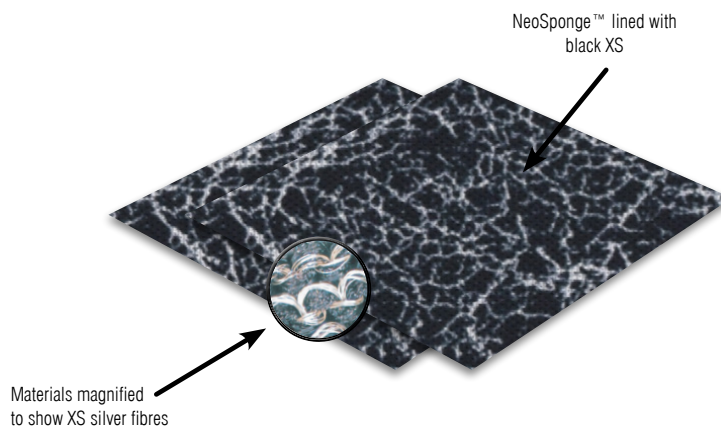


Call us at 1-800-387-5246 for a solution today.

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"

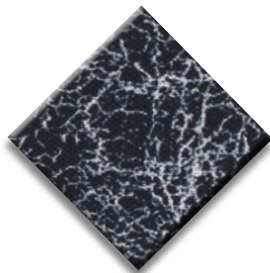
1.6 m x 68.6 cm, 40" x 27"

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"

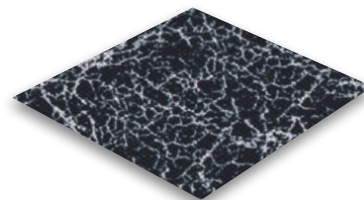
1.19 m x 102 m, 40" x 50"

103610

3.2 mm, 1/8"

1.19 m x 102 m, 40" x 50"

103611



ACOR® FABRIFIT® CERAMIC

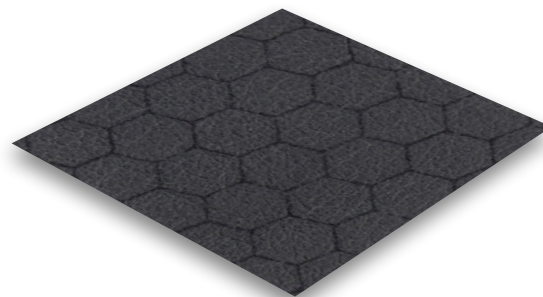
Ceramic coated leather like microfiber orthotic cover with the ultimate moisture control properties.

- 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



(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®

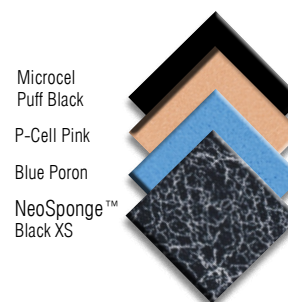
2QW116BLKP	1/16" Black	4.5" x 225'	(45 Strips of 60")
2QW18BLKP	1/8" Black	4.5" x 130'	(26 Strips of 60")

P-CELL®

2QW18PCP	1/8" Pink . . . . .	.5" x 130'	(26 Strips of 60")
2QW18PP116P	1/8" Pink P-Cell + 1/16" Blue Poron . . . . .	.5" x 95'	(19 Strips of 59")
2QW116PP116BP	1/16" Pink P-Cell + 1/16" Blue Poron. . . . .	.5" x 130'	(26 Strips of 59")
2QW116PP18BP	1/16" Pink P-Cell + 1/8" Blue Poron5" x 95'	(19 Strips of 59")

MICROCEL PUFF®

103609	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

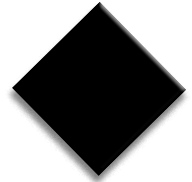
Pink



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"

1MCPSPW116	(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

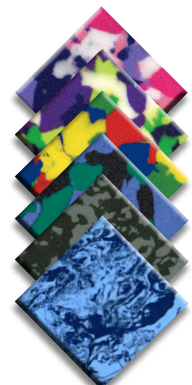
Green / Purple
White

Yellow / Red
Blue / Green

Black / Blue
Aqua Confetti

Black Ice

Storm



94 cm x 76.2 cm, 37" x 30"

1MCPSPW18	(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® • 35 DUROMETER

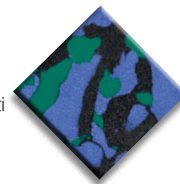
94 cm x 76.2 cm, 37" x 30"

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"

1MCP55116RED (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 wedge.

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

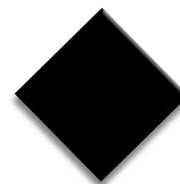
USES: Base and centercore of foot orthotics, midsoles and heavy posting.

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

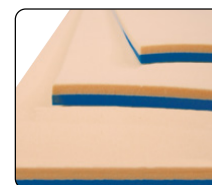
LAMINATES: Material Laminates offer some distinct advantages over single layer materials. A characteristic, which is poor in one material, may be offset by the same characteristic which is strong in another material. Laminating two such materials together, or otherwise using them in conjunction, produces 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

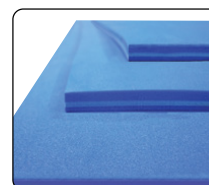
MICROCEL PUFF® + PORON + PUFF TRI-LAM

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

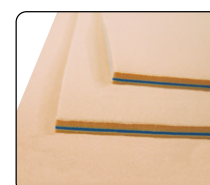
76.2 cm x 94 cm, 30" x 37"

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

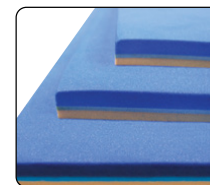
TRI-LAM®

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

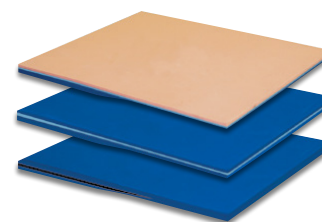
35.6 cm x 27.9 cm, 14" x 11"

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)

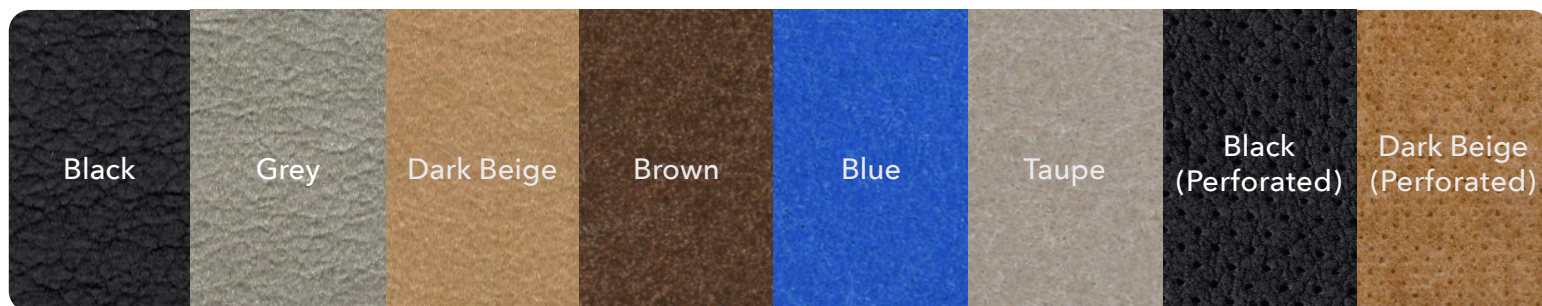
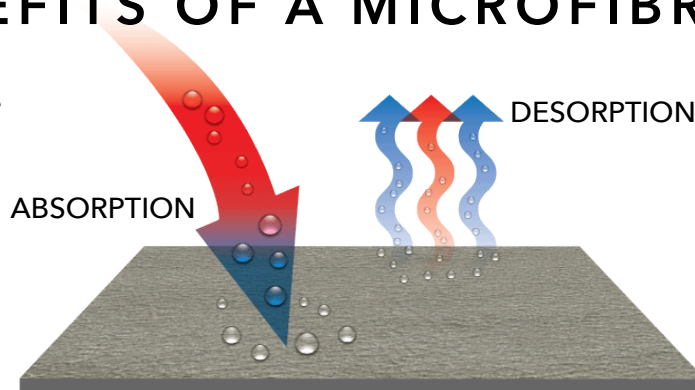


ProFibre

Microfibre Leather

PROFIBRE HAS THE SENSATION OF LEATHER WITH THE BENEFITS OF A MICROFIBRE

ProFibre is a 100% breathable microfibre providing a leather-like sensation that is capable of absorbing 8 times its own weight in water. It's thermo-regulation ability ensures maximum comfort and total dryness in the interior of the shoe. A perfect top cover for insoles or orthotics.



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 PERMEABILITY mg/cm².h: 13,5

VAPOUR COEFFICIENT mg/cm²: 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

FULL ROLL SIZE: (1.4 m x 50 m) *ProFibre sheets can be ordered in a continuous roll (50 m)

*Custom colours available (minimums apply)

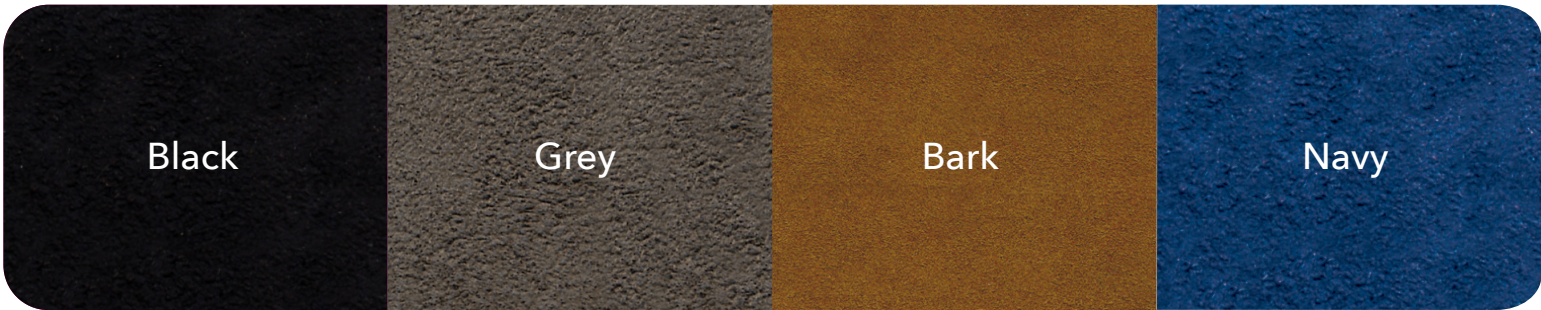
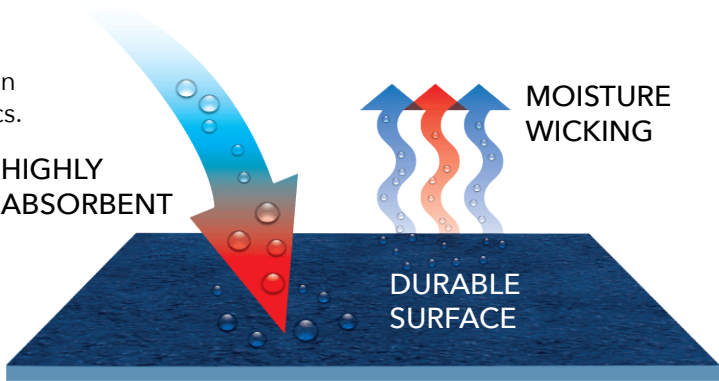
PRODUCT		PRODUCT SKU
ProFibre - SYNTHETIC LEATHER - BLACK	99.1 cm x 1.4 m (39" x 57")	101551
ProFibre - SYNTHETIC LEATHER - GREY	99.1 cm x 1.4 m (39" x 57")	101553
ProFibre - SYNTHETIC LEATHER - DARK BEIGE	99.1 cm x 1.4 m (39" x 57")	101550
ProFibre - SYNTHETIC LEATHER - BROWN	99.1 cm x 1.4 m (39" x 57")	104052
ProFibre - SYNTHETIC LEATHER - BLUE	99.1 cm x 1.4 m (39" x 57")	104053
ProFibre - SYNTHETIC LEATHER - TAUPE	99.1 cm x 1.4 m (39" x 57")	104054
ProFibre - SYNTHETIC LEATHER - BLACK (PERFORATED)	99.1 cm x 1.4 m (39" x 57")	101552
ProFibre - SYNTHETIC LEATHER - DARK BEIGE (PERFORATED)	99.1 cm x 1.4 m (39" x 57")	103865

ProSuede

Micro Fibre Suede

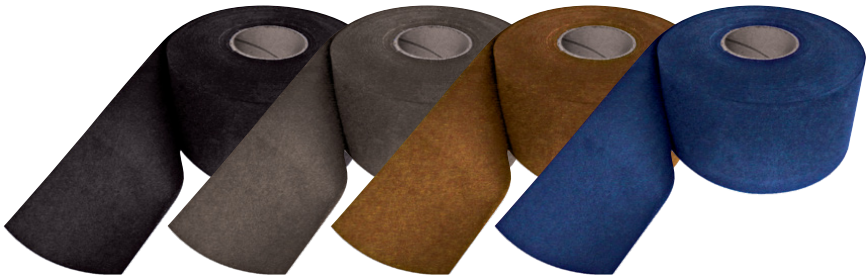
BREATHABLE, DURABLE, COMFORTABLE: THE ProSuede ADVANTAGE!

ProSuede offers exceptional comfort due to it's soft, suede like texture which is great for friction reduction and is ideal for footwear linings, insoles and orthotics. Excellent moisture management, absorbing up to three times it's weight in moisture while remaining breathable to prevent odor and maintain a hygienic environment. Superior perspiration management compared to natural suede. Durable and washable, ensuring long-lasting use.



ADVANTAGES:

- Durable covering material smooth finish
- Reduces friction
- Absorbent & moisture wicking
- Custom colours available (minimums apply)



FULL ROLL SIZE: (1.4 m x 40 m) *ProSuede sheets can be ordered in a continuous roll (40 m)

PRODUCT		PRODUCT SKU
ProSuede - SYNTHETIC SUEDE SHEETS - BLACK	0.8 mm Thickness - 99.1 cm x 1.4 m (39" x 56")	100613
ProSuede - SYNTHETIC SUEDE SHEETS - GREY	0.8 mm Thickness - 99.1 cm x 1.4 m (39" x 56")	100672
ProSuede - SYNTHETIC SUEDE SHEETS - BARK	0.8 mm Thickness - 99.1 cm x 1.4 m (39" x 56")	100717
ProSuede - SYNTHETIC SUEDE SHEETS - NAVY	0.8 mm Thickness - 99.1 cm x 1.4 m (39" x 56")	103639
ProSuede - SYNTHETIC SUEDE WHEELS - BLACK	0.8 mm Thickness - 11.4 cm x 40 m (4.5"x 43.7 yd)	100614
ProSuede - SYNTHETIC SUEDE WHEELS - GREY	0.8 mm Thickness - 11.4 cm x 40 m (4.5"x 43.7 yd)	100517
ProSuede - SYNTHETIC SUEDE WHEELS - BARK	0.8 mm Thickness - 11.4 cm x 40 m (4.5"x 43.7 yd)	100718
ProSuede - SYNTHETIC SUEDE WHEELS - NAVY	0.8 mm Thickness - 11.4 cm x 40 m (4.5"x 43.7 yd)	103640



Neolon with Neolon avec



BLACK
NOIR

NAVY
MARINE

GREY
GRIS

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.

Le Neolon doublé d'etc® convient même aux patients les plus actifs, car il réduit la friction à presque zéro, l'humidité, la chaleur et apporte ainsi un confort et une portabilité prolongée à des niveaux jusqu'ici inatteignables. Ce tissu est très résistant, respirant et inaltérable.

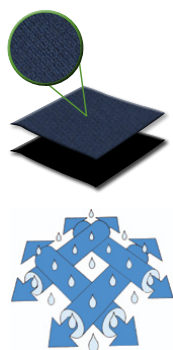
DYNAMIC BALANCE OF SHOCK ABSORPTION
AND ENERGY RETURN

WICKS MOISTURE

WASHABLE - DURABLE - WON'T 'BOTTOM OUT'

LESS HEAT AND MOISTURE BUILD-UP FROM FRICTION

MORE PROTECTION FROM ODOR-CAUSING BACTERIA



ÉQUILIBRE DYNAMIQUE ENTRE L'ABSORPTION DES
CHOCSET LE RETOUR D'ÉNERGIE

ÉVACUE L'HUMIDITÉ

LAVABLE - DURABLE - NE S'ABÎME PAS

MOINS DE CHALEUR ET D'HUMIDITÉ DUES
AU FROTTEMENT

PLUS DE PROTECTION CONTRE LES BACTÉRIES
RESPONSABLES DES ODEURS

NOTE: NEOLON IS NOT HEAT MOULDABLE. FOR ANY FABRIC LAMINATIONS TO NEOLON, HEATING IS NOT RECOMMENDED AS IT MAY CAUSE DELAMINATION.

NOTER : NEOLON N'EST PAS THERMOFORMABLE. POUR TOUTE LAMINATION DE TISSU SUR NEOLON, LE CHAUFFAGE N'EST PAS RECOMMANDÉ CAR CELA PEUT PROVOQUER UN DÉLAMINAGE.

PRODUCT		PRODUIT	45" x 72"	45" x 36"
NEOLON 1.5 mm BLACK / BLACK ETC®	NEOLON NOIR DOUBLÉ D'ETC® NOIR – 1.5 mm		100295	100299
NEOLON 1.5 mm ROYAL BLUE / NAVY ETC®	NEOLON BLEU ROYAL DOUBLÉ D'ETC® BLEU MARINE – 1.5 mm		100297	100301
NEOLON 1.5 mm BLACK / GREY ETC®	NEOLON NOIR DOUBLÉ D'ETC® GRIS – 1.5 mm		104047	104048
NEOLON 3 mm BLACK / BLACK ETC®	NEOLON NOIR DOUBLÉ D'ETC® NOIR – 3 mm		100296	100300
NEOLON 3 mm ROYAL BLUE / NAVY ETC®	NEOLON BLEU ROYAL DOUBLÉ D'ETC® BLEU MARINE – 3 mm		100298	100302
NEOLON 3 mm BLACK / GREY ETC®	NEOLON NOIR DOUBLÉ D'ETC® GRIS – 3 mm		104049	104050



Neolon with **BAMBOO**
Néolon avec **BAMBOU**

REFINING PROCESS / PROCESSUS DE RAFFINAGE



RAW MATERIAL
MATIÈRE PREMIÈRE



CARBONIZED BAMBOO
BAMBOU CARBONISÉ



CHARCOAL POWDER GRINDING
USING NANO TECHNOLOGY
BROYAGE DE POUDRE DE CHARBON AU
MOYEN DE LA NANOTECHNOLOGIE



FIBER SPINNING
FILATURE DE FIBRES



TECH GREY
GRIS TECH

NATURAL PLANT CHARCOAL FIBER

This fibre is unique; it does not cause skin allergies like some synthetic fibres, nor does it harbour germs like cotton.

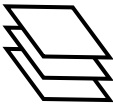


FIBRE DE CHARBON VÉGÉTAL NATUREL

Cette fibre est unique; elle ne provoque pas d'allergies cutanées comme certaines fibres synthétiques et n'abrite pas de germes comme le coton.

MULTI-LAYERED STRUCTURE

This design enhances warmth and effectively reduces heat exchange and convection, helping to maintain body temperature.

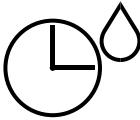


STRUCTURE MULTICOUCHE

Conception qui garde au chaud et réduit efficacement l'échange de chaleur et la convection, pour aider à maintenir la température corporelle.

ABSORBENT AND QUICK DRY

The cross-sectional structure of the fibre prevents sweat and moisture from contacting the skin, ensuring comfort. Additionally, the high volume of bamboo charcoal powder in the fibre significantly increases its absorbency.



BONNE CAPACITÉ D'ABSORPTION ET SÉCHAGE RAPIDE

La structure transversale de la fibre empêche la sueur et l'humidité d'entrer en contact avec la peau, pour un confort assuré. De plus, la teneur élevée en poudre de charbon de bambou de la fibre augmente grandement sa capacité d'absorption.

DEODORIZING AND ANTI-BACTERIAL

Bamboo charcoal fibres contain natural minerals that absorb moisture, prevent bacterial growth, reduce odor, and inhibit the spread of germs and fungi.



DÉSODORISANT ET ANTIBACTÉRIEN

Les fibres de charbon de bambou contiennent des minéraux naturels qui absorbent l'humidité, empêchent la croissance bactérienne, réduisent les odeurs et inhibent la propagation des germes et des champignons.

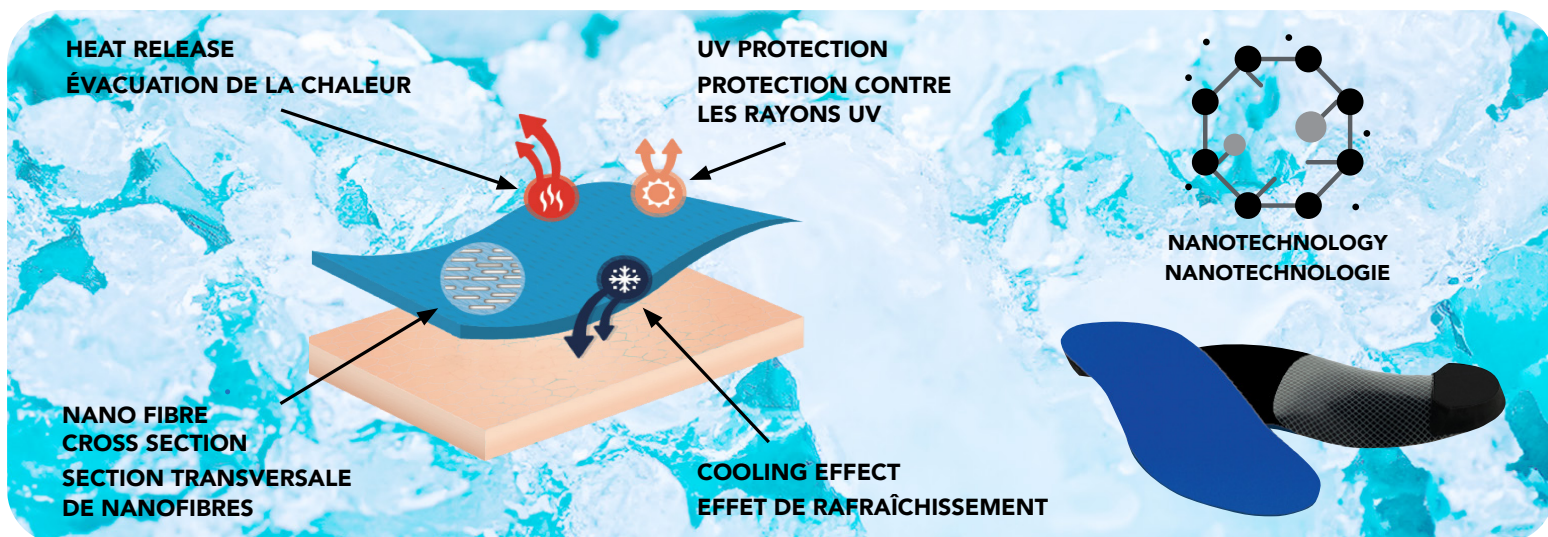
NOTE: NEOLON IS NOT HEAT MOULDABLE. FOR ANY FABRIC LAMINATIONS TO NEOLON, HEATING IS NOT RECOMMENDED AS IT MAY CAUSE DELAMINATION.

NOTER : NEOLON N'EST PAS THERMOFORMABLE. POUR TOUTE LAMINATION DE TISSU SUR NEOLON, LE CHAUFFAGE N'EST PAS RECOMMANDÉ CAR CELA PEUT PROVOQUER UN DÉLAMINAGE.

PRODUCT		PRODUIT	Product Sku Numéro de produit
NEOLON 1.5 mm BLACK / TECH GREY BAMBOO (40" x 50")	NEOLON 1.5 mm BAMBOU NOIR / GRIS TECH (40" x 50")		104016
NEOLON 3 mm BLACK / TECH GREY BAMBOO (40" x 50")	NEOLON 3 mm BAMBOU NOIR / GRIS TECH (40" x 50")		104017

Neolon with Nano Cooling Nylon

Neolon avec nylon nanorafraîchissant



BLACK
NOIR

ROYAL BLUE
BLEU ROYAL

Neolon with Nano Cooling Nylon is a soft, lightweight fabric that provides a sense of being cool, dry, and comfortable. Our special texturizing process creates a low-bulk yarn which gives garments maximum breathability and ventilation. Wide surface area achieved with flat cross section structure allows for quick transfer of heat away from the body. Unique polymer which contains inorganic micron particles further increases surface area and forms small channels to promote cooling.

Le Neolon avec nylon nanorafraîchissant est un tissu doux et léger qui garde au frais, au sec et à l'aise. Notre procédé spécial de texturation permet d'obtenir un fil de faible épaisseur qui assure une respirabilité et une circulation d'air maximales. La large surface obtenue grâce à la structure plate de la section transversale permet d'évacuer rapidement la chaleur du corps. Un polymère unique contenant des particules microniques inorganiques augmente encore la surface et forme de petits sillons favorisant le rafraîchissement.

NANO COOLING NYLON HELPS MAINTAIN A COMFORTABLE FOOT TEMPERATURE DURING AND AFTER PHYSICAL PERFORMANCE AND IN HOT WEATHER.

LE NYLON NANORAFRAÎCHISSANT CONTRIBUE À MAINTENIR UNE TEMPÉRATURE CONFORTABLE POUR LE PIED PENDANT ET APRÈS L'ACTIVITÉ PHYSIQUE ET PAR TEMPS CHAUD.

EFFICIENT VENTILATION FACILITATES OPTIMAL PHYSICAL PERFORMANCE.

LA CIRCULATION D'AIR FAVORISE LES PERFORMANCES PHYSIQUES.

INNOVATIVE CROSS SECTION AND FINE YARN COUNT CREATE FABRIC WITH HIGH DRAPE, IMPROVED COMFORT.

LA SECTION TRANSVERSALE INNOVANTE ET LA FINESSE DU FIL CRÉENT UN TISSU TRÈS SOUPLE ET CONFORTABLE.

UV PROTECTION PROVIDED BY THE UNIQUE POLYMER.

UNE PROTECTION CONTRE LES RAYONS UV EST FOURNIE PAR LE POLYMÈRE UNIQUE.

ULTRA-SOFT HAND FEEL, PROVIDING A SMOOTH SENSATION ON THE FEET.

LE TEXTILE ULTRADOUX EST AGRÉABLE POUR LES PIEDS.

NOTE: NEOLON IS NOT HEAT MOULDABLE. FOR ANY FABRIC LAMINATIONS TO NEOLON, HEATING IS NOT RECOMMENDED AS IT MAY CAUSE DELAMINATION.

NOTER : NEOLON N'EST PAS THERMOFORMABLE. POUR TOUTE LAMINATION DE TISSU SUR NEOLON, LE CHAUFFAGE N'EST PAS RECOMMANDÉ CAR CELA PEUT PROVOQUER UN DÉLAMINAGE.

PRODUCT	PRODUIT	Product Sku Numéro de produit
NEOLON 1.5 MM BLACK / BLACK NANO COOLING NYLON (40" X 50")	NEOLON 1.5 MM NOIR / NYLON NANORAFRAÎCHISSANT NOIR (40" X 50")	104019
NEOLON 3 MM BLACK / BLACK NANO COOLING NYLON (40" X 50")	NEOLON 3 MM NOIR / NYLON NANORAFRAÎCHISSANT NOIR (40" X 50")	104020
NEOLON 3 MM BLACK / ROYAL BLUE NANO COOLING NYLON (40" X 50")	NEOLON 3 MM NOIR / NYLON NANO RAFRAÎCHISSANT BLEU ROYAL (40" X 50")	104021

NEOLON LINED WITH NYLON

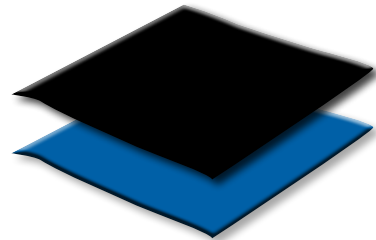
Neolon lined with nylon is an expanded closed black neoprene. As the material has excellent cushioning properties it is ideal for use as a covering for insoles, orthotics, lining for supports, and as it is tough wearing making it usable suitable for even the most active patients.

- 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:
- (Neolon™)
- 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)				
2N116BLKF	1.5 mm	1/16"	Black Neolon™ lined with Black	Nylon
2N116BLUF	1.5 mm	1/16"	Black Neolon™ lined with Blue	Nylon
2N18BLKF	3 mm	1/8"	Black Neolon™ lined with Black	Nylon
2N18BLUF	3 mm	1/8"	Black Neolon™ lined with Blue	Nylon
1.14 m x 91.4 cm, 45" x 36" (Half Sheet)				
2N116BLK	1.5 mm	1/16"	Black Neolon™ lined with Black	Nylon
2N116BLU	1.5 mm	1/16"	Black Neolon™ lined with Blue	Nylon
2N18BLK	3 mm	1/8"	Black Neolon™ lined with Black	Nylon
2N18BLU	3 mm	1/8"	Black Neolon™ lined with Blue	Nylon

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



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

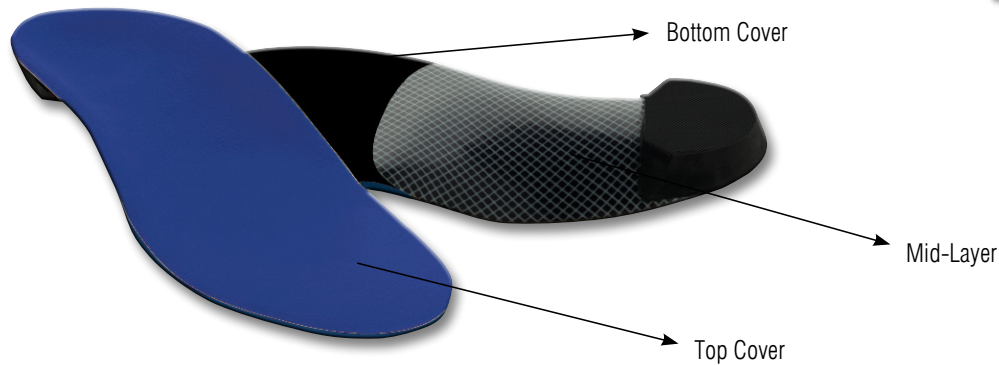
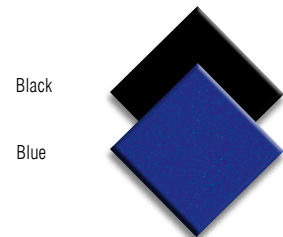
NOTE: NEOLON IS NOT HEAT MOULDABLE. FOR ANY FABRIC LAMINATIONS TO NEOLON, HEATING IS NOT RECOMMENDED AS IT MAY CAUSE DELAMINATION.

NOTER : NEOLON N'EST PAS THERMOFORMABLE. POUR TOUTE LAMINATION DE TISSU SUR NEOLON, LE CHAUFFAGE N'EST PAS RECOMMANDÉ CAR CELA PEUT PROVOQUER UN DÉLAMINAGE.

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



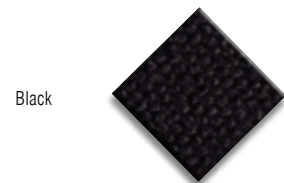
Nyplex cushion sheets can be use as the following:

NOTE: SHEETS MAY BE NOT TRIMMED FLUSH ON EDGES. 2" OF EACH SIDE MAY NOT BE USEABLE. SHEETS MAY BE THINNER THROUGHOUT THE 2" EDGE AREA. 1.5 mm / 2 mm MAY HAVE SPORADIC HOLES IN SHEETS.

SOFT SPONGE - SHEETS

Neoprene sponge with a polyester cover.

91.4 cm x 1.4 m, 36" x 54"			
101207	3 mm	1/8"	Black



TRINIDAD SYNTHETIC EMBOSSED GRAIN LEATHER TOPCOVER - SHEETS + WHEELS

Synthetic embossed grain leather (Smooth back)

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)

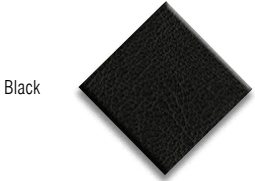


TOP COVER BLANKS

NEOLON™ BLANKS LINED WITH BLACK ETC®

12.7 cm x 33 cm, 5" x 13"

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

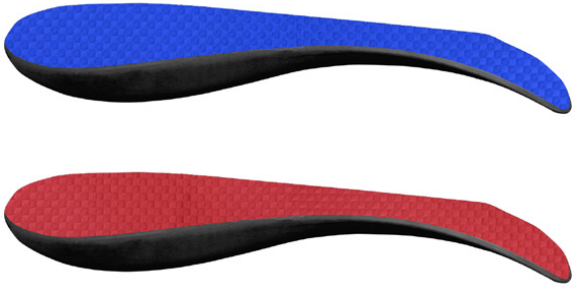
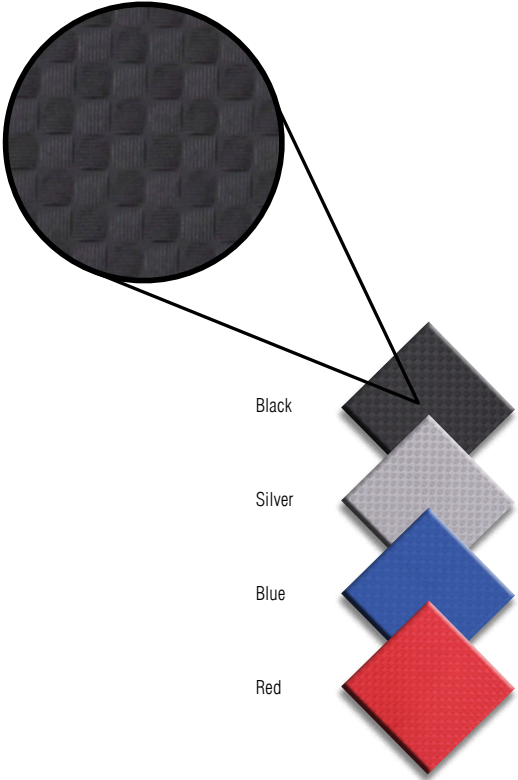


CARBON FIBRE VINYL TOP COVER - SHEETS

Vinyl synthetic top cover with carbon fibre pattern

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

TEST	NORM	UNITS	VALUE
Composition	32% Viscose + 68% Polyurethane		
Weight	Internal method	g / m ²	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	nº revolution	> 25600 > 12800
Flex resistance, room temperature + 20°	UNI 4818/13 Satra TM 55	nº flex	> 100000 > 100000
Resistance to methyl-ethyl-ketone	UNI .4818/28	-	OK



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

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

- 100958 (Black)
- 100959 (Navy)
- 100960 (Sand)
- 100962 (Bone)
- 100963 (White)
- 100964 (Light Blue)
- 100965 (Forest Green)
- 100966 (Wine)

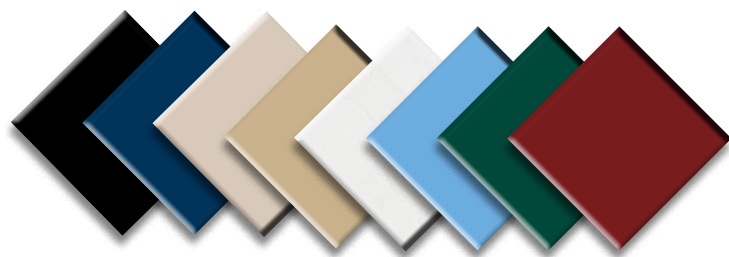


BLACK BACKING

Leather grain finish with woven backing for easy cementing.

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

- 100656 (Black)



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

(All have white fabric backing)



Custom colours available.

* 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)



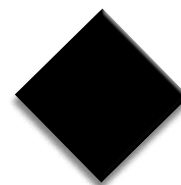
Black

Bone

Navy



Black



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)

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)

100268 Black
100269 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)

100224 Black

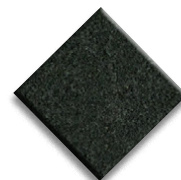
ULTRALINE

Counter lining material, orthotic bottom covers used for heel base, reinforcements, decorative elements and insoles. 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.

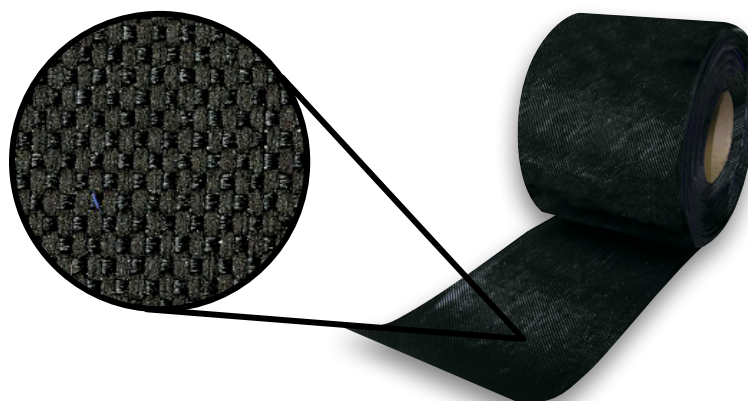
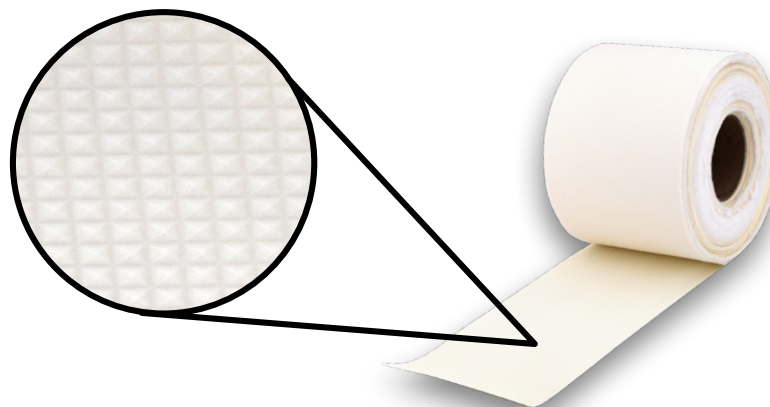
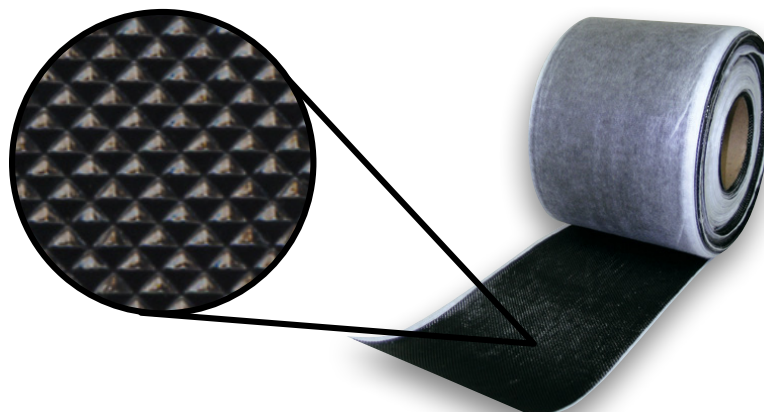
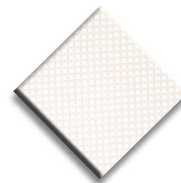
39" X 59" Sheet

100678 Black 0.7 mm 1/32"

Black



White



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 & HD110

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.

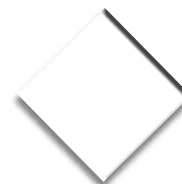
USES: Top covers in orthotics and AFO interfaces.

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.

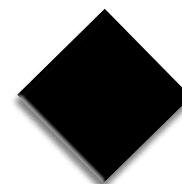
USES: Base layer in foot orthotics and light posting.

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.

Note (HD110): Sheet thicknesses is measured on the sides, not at the ends as the ends will be thinner because of how the machine grabs the material when they are split to size. This is predominantly seen at the beginning of the sheets. Each sheet is measured and produced to pass quality specs which does include a 10% +/- variance.

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

20CLPB33XFNC Box (12 rolls)

10 cm x 2.7 m, 4" x 3 yd

20CLPB43XFNC Box (12 rolls)

10 cm x 4.6 m, 4" x 5 yd

20CLPB45XFNC Box (12 rolls)

12.5 cm x 4.6 m, 5" x 5 yd

20CLPB55XFNC Box (12 rolls)

15 cm x 2.7 m, 6" x 3 yd

20CLPB63XFNC Box (12 rolls)

15 cm x 4.6 m, 6" x 5 yd

20CLPB65XFNC Box (12 rolls)

20 cm x 4.60 m, 8" x 5 yd

20CLPB85XFNC 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"

20CLPS530XF 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)

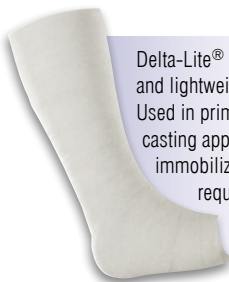
FEATURES AND BENEFITS:

- 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 4yds 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



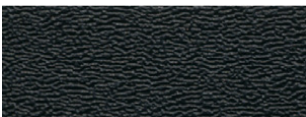
SOCK REMOVAL SCISSORS*
2TSSRS
* For use on STS products only



CHANNEL TUBES
30.5 cm, 12" Long **2TSTCT12**
61 cm, 24" Long **2TSTCT24**



PROTECTIVE PLASTIC BAGGIES
500 per box
38 cm, 15" Long **2TSTPPB15**
61 cm, 24" Long **2TSTPPB24**
91.4 cm, 36" Long **2TSTPPB36**



PLASTIC PROTECTIVE CUTTING STRIP
30.5 cm, 12" Long **2TSTPPCS12**
61 cm, 24" Long **2TSTPPCS24**

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	

2TSSSSS (S) 2TSSSSM (M) 2TSSSSL (L)
2TSSSSXL (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	

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

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	

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

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	

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")

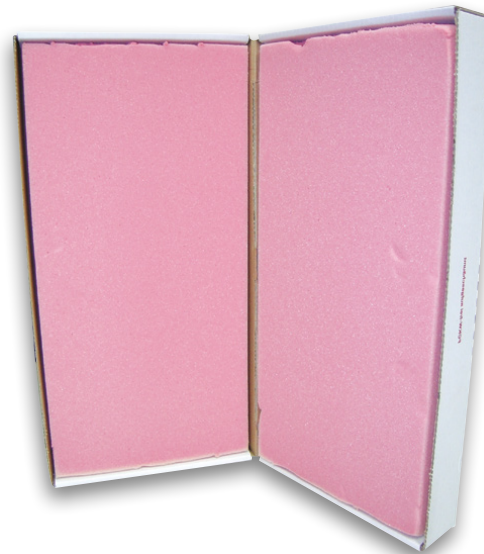
Box of 25 pr

2FIFG2

2" BULK (5.1 cm x 15.2 cm x 33 cm), (2" x 6" x 13")

Box of 25 pr

2FIFG2B



2FIFG, 2FIFG2

FOOT IMPRESSION WAX

50 pieces per box

SIZE: 12.7 cm x 20.3 cm, 15" x 8"

2FIW

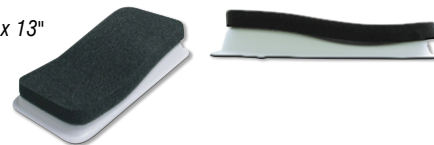


CASTING BLOCKS

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"

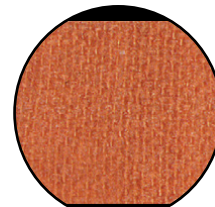
103741



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)



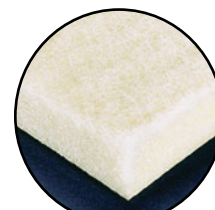
Adhesive back

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)



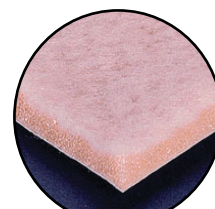
Adhesive back

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)



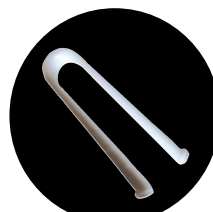
Adhesive back

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

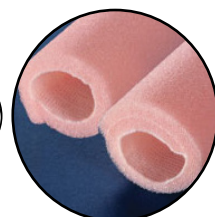
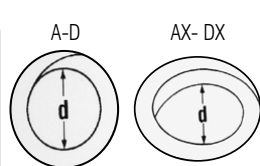


HAPLA TOFOAM

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



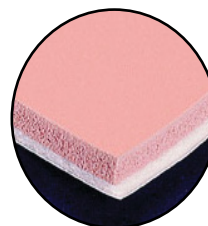
FOAM-O-FELT - FOUR SHEETS PER BAG

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



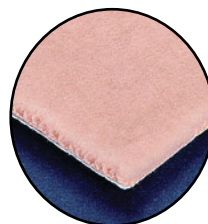
Adhesive back



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

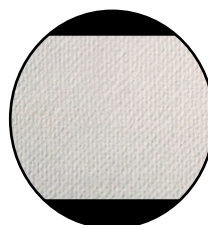


CHIROFLEX

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

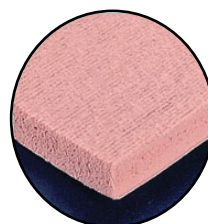


SWAN FOAM

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

SKELETON FOOT MODEL

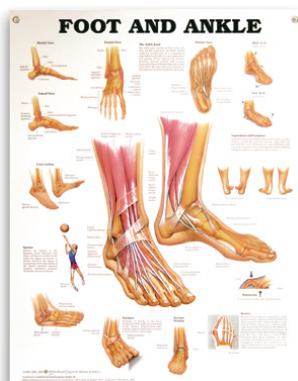


2FMSF



With removeable stand

ANATOMICAL CHARTS 20" X 26"



Foot and Ankle
2CFA



Hip and Knee
2CHK



Knee Injuries
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

2E7182

2E7137

15 mm Thick / 30 cm Long

2E6513



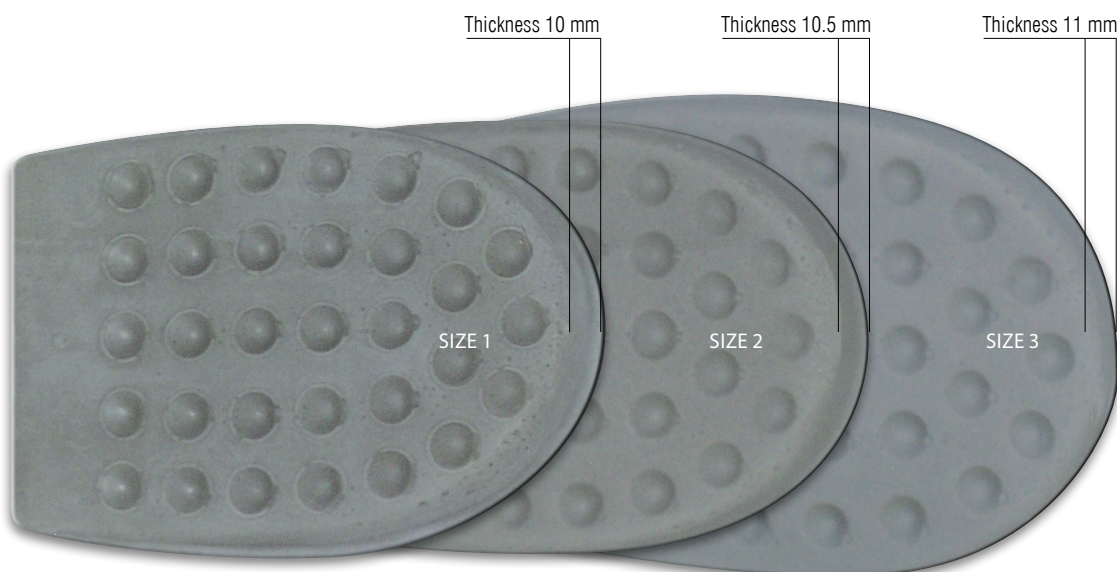
#606 TAPERED HEEL PADS

SOFT GREY LATEX RUBBER

2E6061 (SIZE 1)

2E6062 (SIZE 2)

2E6063 (SIZE 3)



ACTUAL SIZES SHOWN

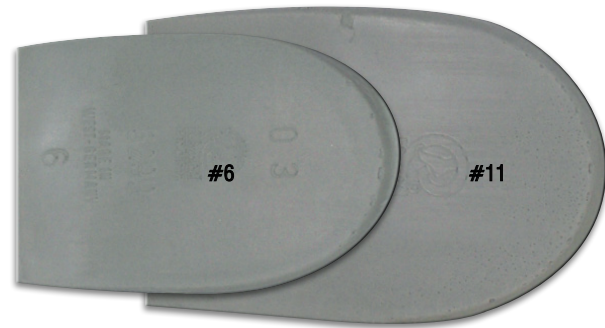
#5299 TAPERED HEEL PADS

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

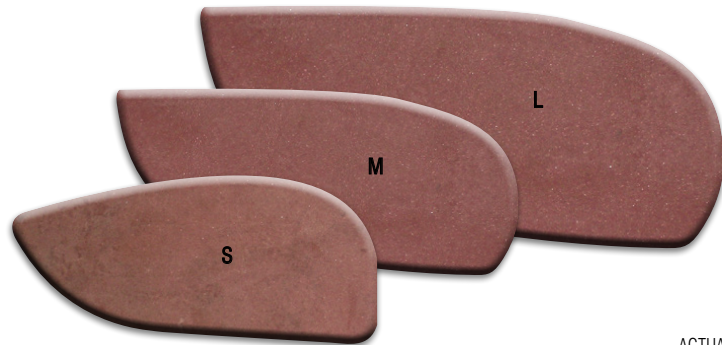
FIRM PINK RUBBER

(SOLD IN PAIRS; LEFTS & RIGHTS)

2RWS (Small)

2RWM (Medium)

2RWL (Large)



ACTUAL SIZES SHOWN

SCAPHOID PADS

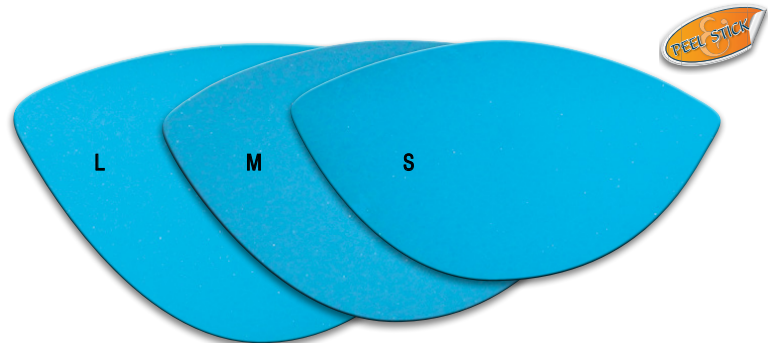
MEDICAL GRADE BLUE PORON WITH PSA BACKING

(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

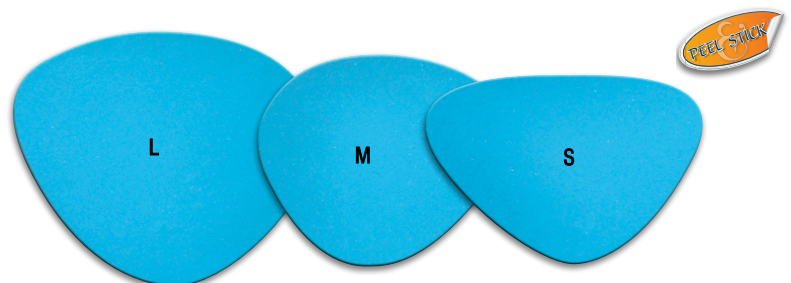
MEDICAL GRADE BLUE PORON WITH PSA BACKING

(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)

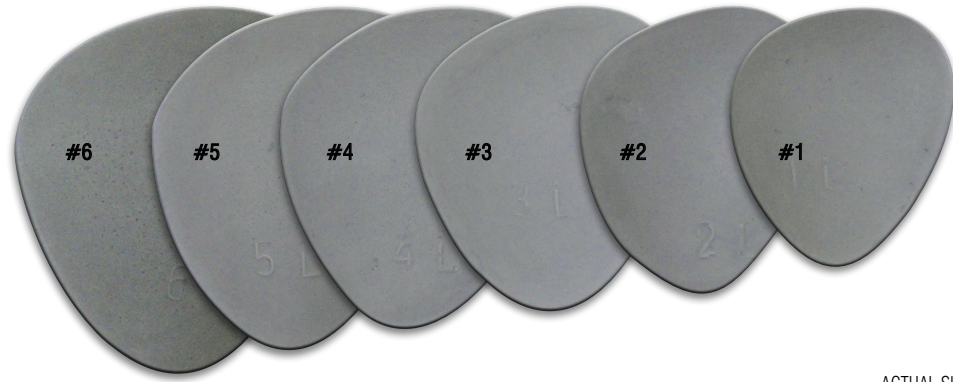
2E85082 (SIZE 2)

2E85083 (SIZE 3)

2E85084 (SIZE 4)

2E85085 (SIZE 5)

2E85086 (SIZE 6)



ACTUAL SIZES SHOWN

#7443 STOMACH SHAPED METATARSAL PADS

SOFT GREY LATEX RUBBER

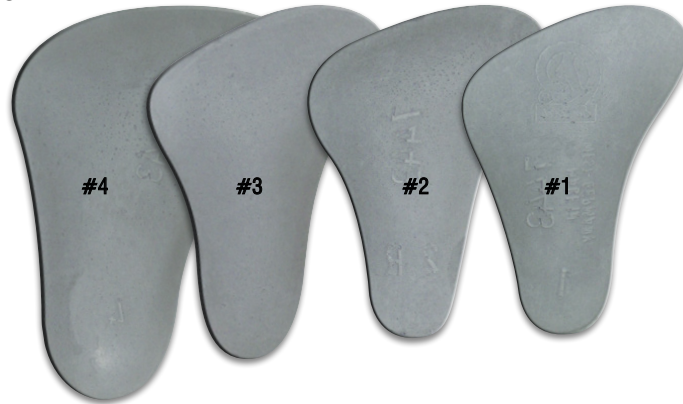
(SOLD IN PAIRS; LEFTS & RIGHTS)

2E74431 (SIZE 1)

2E74432 (SIZE 2)

2E74433 (SIZE 3)

2E74434 (SIZE 4)



ACTUAL SIZES SHOWN

METATARSAL BARS

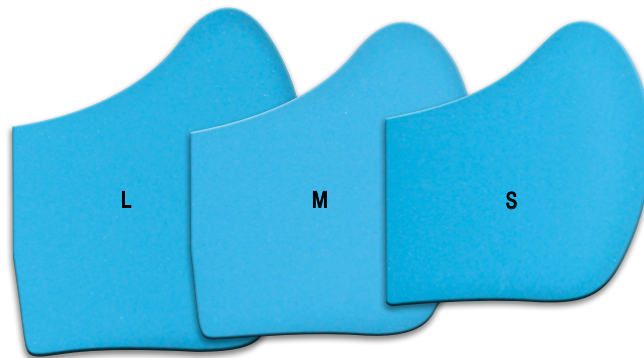
MEDICAL GRADE BLUE PORON WITH PSA BACKING

(Dozen pair per bag)

2PMBS (Small)

2PMBM (Medium)

2PMBL (Large)



ACTUAL SIZES SHOWN

#7007 METATARSAL BARS

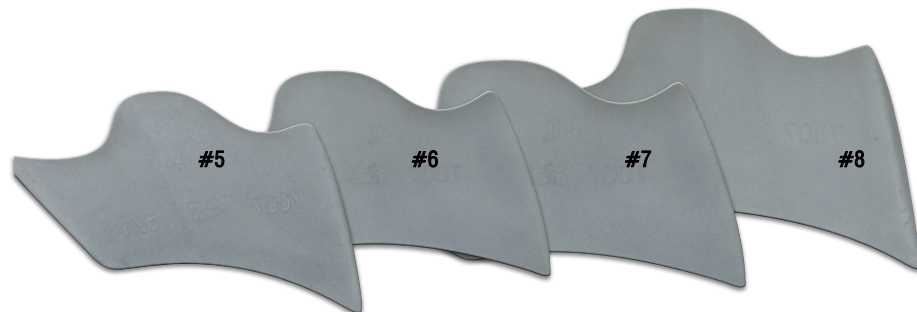
(SOLD IN PAIRS; LEFTS & RIGHTS)

2E70075 (SIZE 5)

2E70076 (SIZE 6)

2E70077 (SIZE 7)

2E70078 (SIZE 8)



ACTUAL SIZES SHOWN

METATARSAL PADS

#12436 METATARSAL PADS

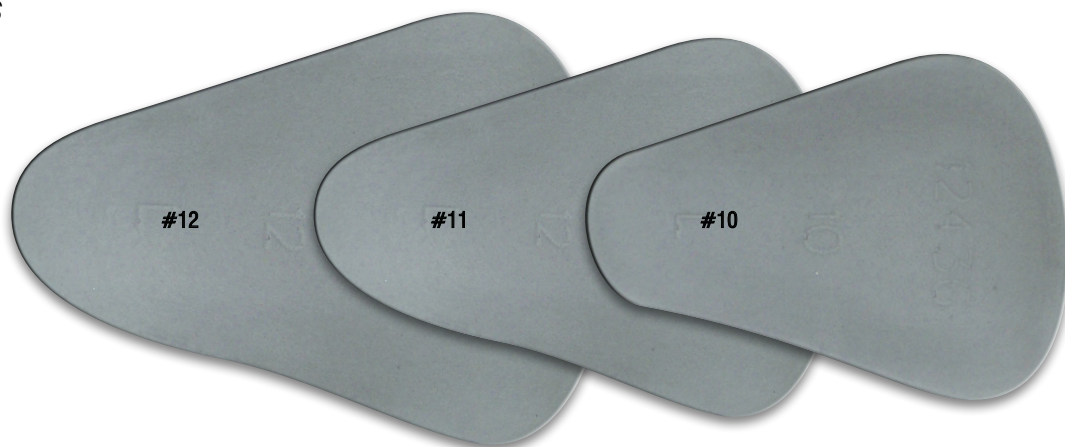
SOFT GREY LATEX RUBBER

(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!

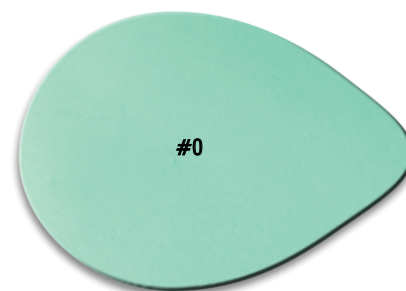
#7830 SYNTHETIC LATEX MET PADS - WITH THIN PROFILE • 15 - 20 DUROMETER

(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)

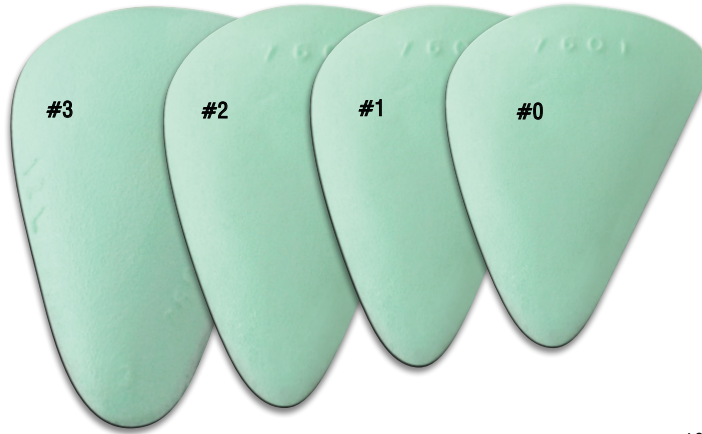
100446 SIZE 1 (5 mm)

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)

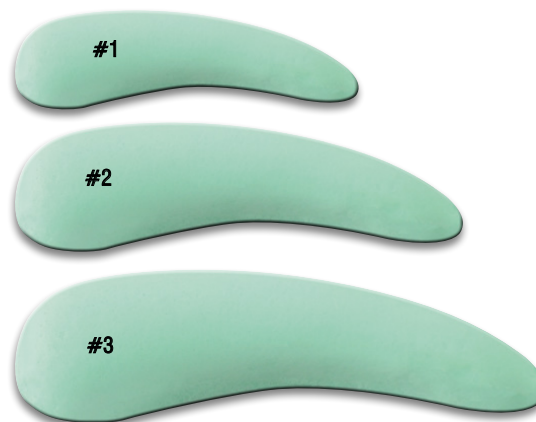
100451 SIZE 1 (5 mm)

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 1st and 5th 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

RUBBER & CORK COMPONENTS

#7658 RUBBER & CORK 5 MM HEEL PADS • 70 - 75 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

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

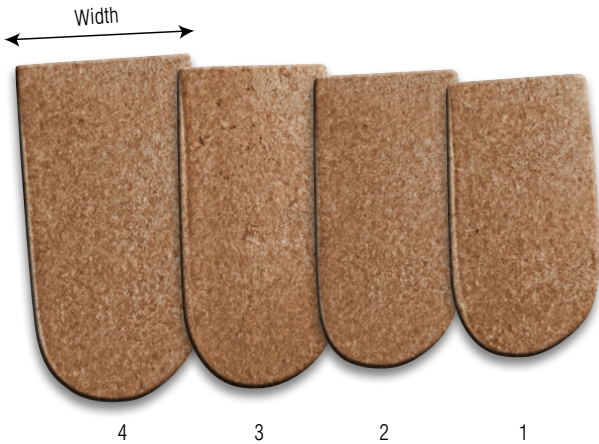


SIDE PROFILE

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 7.3"
100458

Length



ACTUAL SIZES SHOWN

#7653 RUBBER & CORK 10 MM HEEL PADS • 70 - 75 DUROMETER

(SOLD IN PAIRS; LEFTS & RIGHTS)

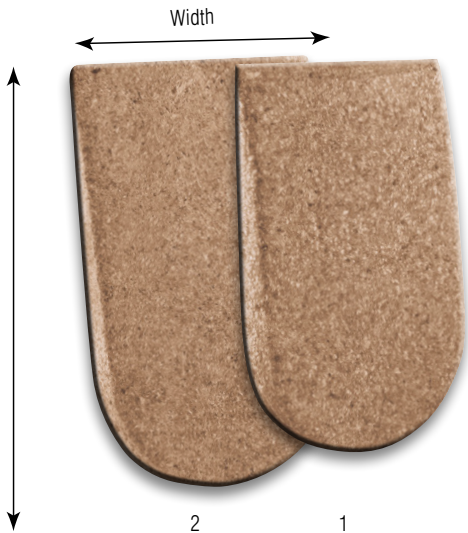
SIZE 1 (10 mm)
10.2 cm x 6.5 cm, 4" x 2.6"
100459



SIDE PROFILE

SIZE 2 (10 mm)
11.8 cm x 7.6 cm, 4.6" x 3"
100460

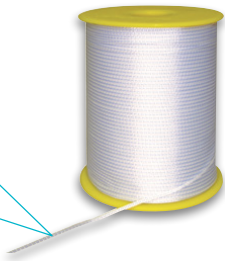
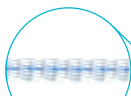
Length



ACTUAL SIZES SHOWN

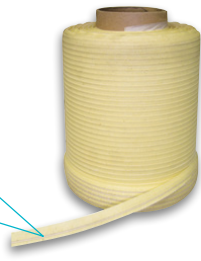
MATERIALS FOR CUSTOM SHOE ENGINEERING

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

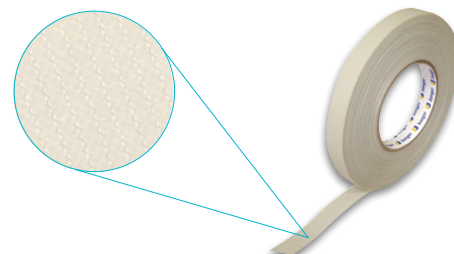
2SE3 3 mm Semi-Transparent

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

