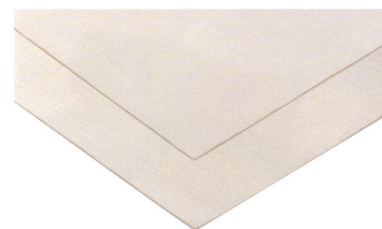


STIFFENING



SHEET SIZE: 27" x 39", COLOR: WHITE

Ref	Thickness
AC-55025	0.8 MM
AC-55026	1.2 MM
AC-55027	1.4 MM

PODIAFLEX

Can be used with foot orthotics. Podiaflex offers firm support that can be 'thinned-out' for flexibility, control and comfort. It can also be molded into a toe box and heel counter. One side (smooth, loose weave) has a heat activated adhesive and the other side (tight weave) has a thin cloth cover. It forms easily to casts and combines with many materials.

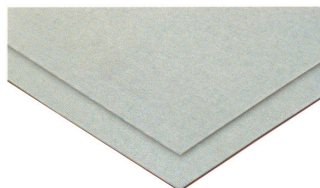
Podiaflex is grindable.

Molding T°: 90°C (200°F)

Always molded with the fabric side down to minimize sticking.

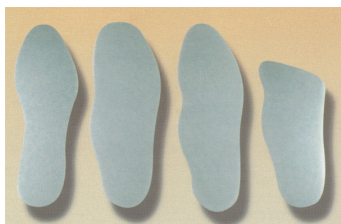
RX-SHEET

A top of the range thermoplastic reinforcement material which provides for fast and easy processing and ensures highly reliable bonding to almost all known upper materials. The combination of the substrate with the two different fabrics results in a product that will perform to the highest standards as required for shoes of outstanding quality.



Grindable

Molding Temperature: 130°C - 160°C (265°F - 320°F)



SHEET SIZE: 40" x 30", COLOR: GREY

Ref	Thickness
AC-55029	0.8 MM
AC-55030	1 MM
AC-55031	1.25 MM
AC-55032	1.4 MM
AC-55033	1.6 MM
AC-55034	1.8 MM

ANTI-STATIC NON-WOVEN BASE INSOLE

Innovative anti-static non-woven based insole material with PU-barrier.

Especially developed for safety shoes which fulfil the norm DIN EN 344 for anti-static insoles. They have high flexibility and are 50% lighter than the normal leather insoles.

The material is covered with a special barrier to prevent the penetration of PU during the direct injection process. The coating ensures best bonding to the sole materials.

Thickness: 2.5 MM

Ref.: **AC-55252**

1 M x 75 CM Sheet

PYROFLEX

Lining and backing material on non-woven base
Special structured polyester based non-woven, one side coated with thermoplastic adhesive.

Molding Temperature: 130°C - 140°C (265°F - 285°F)
White color

Ref.: **AC-55262**

40" x 27" Sheet

STIFFENING

ULTRALINE

Counter lining material, used for heel base, reinforcements, decorative elements and insocks.

Ultraline is similar to natural leather and in certain aspects even superior to it. Among its distinguishing features are: high abrasion-resistance, slipping-resistance, high tear strength of stitched parts, good air and water vapour permeability.

It gives comfort and is thermally stable.

It is easy working and can be used in all footwear manufacturing technologies.



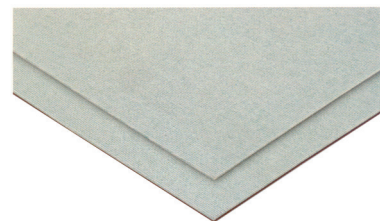
Ref.: AC-55265 24" x 60" Sheet

ACTIFLEX

Has characteristics similar to Podiaflex on the previous page.

SHEET SIZE: 40" x 30", COLOR: GREY		
Ref	Rigidity	Thickness
AC-55080	Flexible	0.8 MM
AC-55120	Semi-rigid	1.2 MM
AC-55140	Rigid	1.4 MM
AC-55180	Rigid +	1.8 MM

STIFFENING



ACTIFLUX

Can be used with foot orthotics. Podiaflex offers firm support that can be 'thinned-out' for flexibility, control and comfort. It can also be molded into a toe box and heel counter. One side (smooth, loose weave) has a heat activated adhesive and the other side (tight weave) has a thin cloth cover. It forms easily to casts and combines with many materials.

Podiaflex is grindable.

Molding T°: 90°C (200°F)

Always molded with the fabric side down to minimize sticking.

COLOR: GREENISH, SHEET SIZE: 30" X 40"

Ref	Thickness
AC-55050	0.8 MM
AC-55051	1.0 MM
AC-55052	1.2 MM
AC-55053	1.4 MM
AC-55054	1.6 MM
AC-55055	1.8 MM

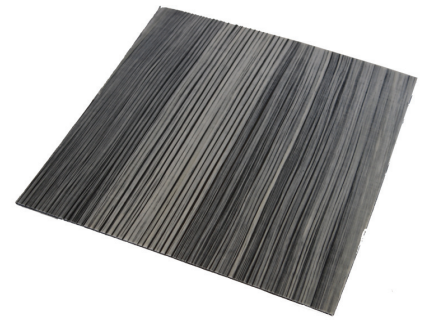
COLOR: GREENISH, SHEET SIZE: 16" X 40"

Ref	Thickness
AC-55050-1	0.8 MM
AC-55051-1	1.0 MM
AC-55052-1	1.2 MM
AC-55053-1	1.4 MM
AC-55054-1	1.6 MM
AC-55055-1	1.8 MM

STIFFENING

COMPCORE™ THERMO BONDING REINFORCEMENT SHEETS

Reinforces strategic areas of traditional thermoplastic orthoses and prostheses. Compcore™ is a carbon fiber composite formulated to chemically heat-bond to polypropylene and copolymer during a normal vacuum forming process. Compcore™ allows the chemical bonding of a carbon composite reinforcement to polypropylene, polypropylene based copolymers, and TPE during a normal vacuum forming process. Compcore™ is drape moldable at the same temperature as polypropylene; it increases area strength by a factor of three. Compcore™ is easy to use; thin, lightweight; cosmetically appealing.

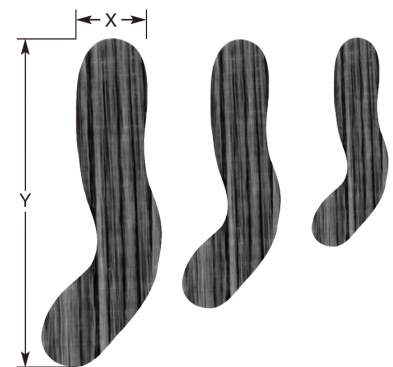


SHEET SIZE: 12" x 12"	
Thickness	Reference
0.06"	BO-MCC-412
0.09"	BO-MCC-415

COMPCORE ANKLEFORMS™

Pre-cut from Compcore to reduce time involved in fabrication. Comes in three sizes and two thicknesses.

Thickness	SMALL (X= 3 5/8, Y=3/4)	MEDIUM (X= 4 3/4, Y=1)	LARGE (X= 6, Y=1 1/4)
0.06"	MCC-1000	MCC-1010	MCC-1020
0.09"	MCC-1001	MCC-1011	MCC-1021



POLYCAR-C® CARBON-GLASS POLYPROPYLENE COMPOSITE

Thermo forms to severe shapes
Thermo bonds to polypropylene, copolymer and metal.

FIBER ORIENTATION: BIDIRECTIONAL			
	Thickness		
Sheet Size	0.06"	0.09"	0.125"
12" x 12"	FL-076608	FL-076612	FL-076616
12" x 24"	FL-076610	FL-076614	FL-076618



FIBER ORIENTATION: UNIDIRECTIONAL		
Reference	Sheet Size	Thickness
FL-076620	12" x 18"	0.125"
FL-076622	12" x 36"	0.125"

STIFFENING

CARBON COMPOSITE BANDS FOR LEG ORTHOSES

- Very short fabrication time, mouldable after 3 minute heat cycle
- Ideal fatigue resistance
- True joint alignment maintained

Length	Width		
	1 1/4"	1 1/2"	2"
8"	FL-076356	FL-076398	FL-076448
9"	FL-076364	FL-076521	FL-076455
10"	FL-076372	FL-076406	FL-076463
11"	-	FL-076414	FL-076471
12"	-	FL-076422	FL-076489
13"	-	FL--076430	FL-076497
14"	-	-	FL-076505
15"	-	-	FL-076513



POLYCAR-C® ANKLE INSERTS

- Heating temperature: 350°F - 400°F
- High Performance Reinforcing Composite
- Easy to mould
- High Carbon Content
- Thermobonds to polypropylene, copolymer and metal

Sold by pair.

Reference	Thickness	Size
FL-076630	0.06"	Small
FL-076632	0.09"	Medium
FL-076634	0.09"	Large
FL-076636	0.125"	X-Large



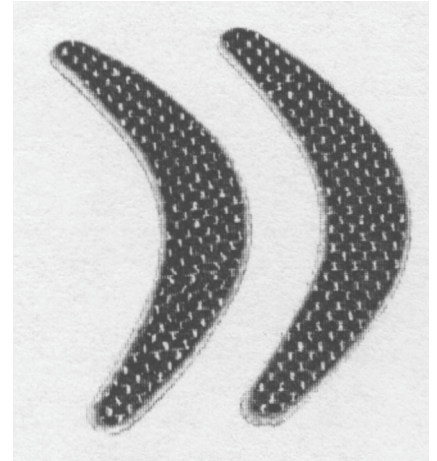
STIFFENING

CARBON COMPOSITE ANKLE INSERTS

- Heating temperature: 350°F - 400°F
- Ready for moulding to cast
- Thin cross-section
- All insert pairs include 4 mounts
- 15° Plantar flexion angle

Mouldable high strength stiffener inserts to be incorporated in an AFO when complete ankle rigidity is indicated.

Sold by the pair.



Reference	Thickness	Length of Insert	Size
FL-076059	3/32"	4 1/4"	Small, 2-ply
FL-076067	1/8"	5 1/4"	Medium, 3-ply
FL-076075	1/8"	6 1/4"	Large, 3-ply
FL-076166	1/8"	7 1/4"	X-Large, 3-Ply