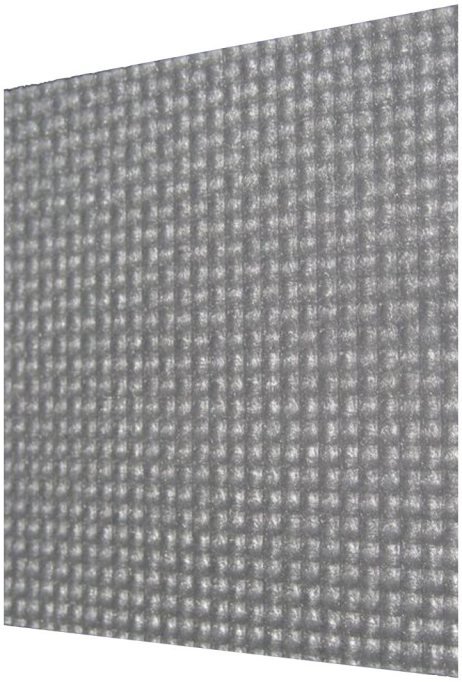
PMC BAYCOMP

PERFORMANCE MATERIALS CORPORATION

Continuous Fiber Reinforced Thermoplastic (CFRT®)

TL-Silver is offered in two grades to meet a broad range of biomechanical requirements.



TL-Silver Glass Product Guide

Both grades of TL-Silver consist of the same ingredients:

The specific type of glass fiber used: The glass fiber provides strength, stiffness, and durability. It facilitates a thin and light weight composite.

The specific type of acrylic resin used to impregnate the glass fiber, fill the center core, and protect the outer surface.

The unique thermoformable sandwich sheet material concept, for which PMC has earned a patent.

- **Excellent Orthosis Comfort**
- **Functional Biomechanical Control**
- **Excellent Formability for Deep Heel Cup**

For more information please call your preferred lab or:

JMS Plastics Supply Inc.

Phone: 1-800-342-2602
Fax: 732-918-1131

E-Mail: info@jmsplastics.com

PMC BAYCOMP

TL-Silver

TL-Silver is produced and sold in dried pre-cut plates with a radius heel, in moisture resistant bags which are ready for fabrication into orthotics. Five standard sizes cover the full range of Orthotic requirements.

Size	Dimension
1	3.0 x 7.0 inches
3	3.5 x 7.5 inches
4	4.0 x 8.0 inches
5	4.0 x 8.5 inches
6	5.0 x 9.0 inches

Additional sheet sizes are available on a factory special order basis only. Contact your materials distributor for further information.

Specifications:

Property	Semi-Rigid	Rigid
Rigidity (#-in^2)	80	150
Thickness (inches)	0.085	0.110
Composition	100% Glass	100% Glass
Polypro Replacement	1/8” - 3/16”	3/16” - 1/4”

TL-Silver - Polypropylene Replacement Guide

	Semi-Rigid		**Rigid**	
	In-Shoe Bulk	Control	In-Shoe Bulk	Control
TL-Silver	0.085	80	0.110	150
vs	vs	vs	vs	vs
Polypro 1/8”	0.125”	26	N/A	N/A
Polypro 5/32”	0.156”	51	N/A	N/A
Polypro 3/16”	0.188”	90	0.188	90
Polypro 1/4”	N/A	N/A	0.250	210

Control: Defined as material rigidity (lbs-in^2). Materials tested in accordance to ASTM D-790

In-Shoe Bulk: Defined as material thickness. Values are measured with Micrometer.