

# CHEMFAB® Premium Series

## PTFE-COATED FIBERGLASS

CHEMFAB® Premium Series provides high PTFE content for long release life in many demanding applications. The dimensional stability, smooth surface and mechanical durability make Premium Grade products ideal for applications such as conveyor belting, heat sealing, gasketing and release sheets.

### Typical Properties

Product Name	CF103	CF105	CF106	CF110	CF114
<b>Weight Nominal</b> (oz./yd. <sup>2</sup> )	4.40	8.00	9.40	15.90	21.25
<b>Thickness Nominal</b> (in.)	0.0032	0.0052	0.0060	0.0100	0.0138
<b>Breaking Strength</b> (lbs./in.)					
Warp	60	140	150	225	400
Fill	50	140	150	175	300
<b>Trapezoidal Tear</b> (lbs.)					
Warp	2	4	4	10	12
Fill	1	4	4	8	11
<b>Dielectric Strength</b> (volts/mil)	900	1100	1200	900	500
<b>Resin Content</b> (%)	68	61	67	62	61
<b>Temperature Resistance</b> (°F)	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500
<b>Standard Width</b> (in.)	39.5, 49.5, 60.0	39.5, 49.5, 60.0	39.5, 49.5, 60.0	39.5, 49.5, 60.0	39.5

#### Applications

Premium Series products are used as conveyor belts, release sheets, gaskets, and in heat sealing and packaging applications.

#### Features/Benefits

Premium Series products are suitable for direct food contact under 21CFR177.1550.

#### Availability

Premium Series products are available at standard and slit widths. The standard roll lengths are 18, 36, 54 and 108 yards.

#### Splice Policy

- Over 18 and up to 36 yard rolls: 1 splice
- Over 36 and up to 54 yard rolls: 2 splices
- Over 54 and up to 108 yard rolls: 3 splices

Minimum distance between splices is 18 yards. Splice-free rolls are available by special order only.

*The data listed herein fall within the normal range of product properties for the products described, but they should not be used to establish specification limits nor used alone as the basis of design. Saint-Gobain assumes no obligation or liability for any advice furnished by it or for results obtained with respect to these products. All such advice is provided gratis and Buyer assumes sole responsibility for results obtained in reliance thereon. Saint-Gobain warrants that the material itself does not infringe any United States patent, but no license is implied nor is any further warranty made.*

**Saint-Gobain Performance Plastics Corporation**  
701 Daniel Webster Highway  
Merrimack, NH 03054  
**Customer Service: (800) 451-6101**  
Tel: (603) 424-9000  
Fax: (603) 424-9012

#### EUROPE

**Saint-Gobain Performance Plastics**  
Kilrush  
County Clare, Ireland  
Tel: 353 65 90 80 170  
Fax: 353 65 90 80 177

#### ASIA-PACIFIC

**Saint-Gobain Performance Plastics**  
Room 302, 3F-1  
147 Jianguo North Road, Section 2  
Taipei, Taiwan, 104  
Tel: (886) 2-2503-4201  
Fax: (886) 2-2503-4202

[www.chemfab.com](http://www.chemfab.com)

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