

CHEMFAB[®]

PTFE COATED FABRIC

Cost-Effective Solution

Moderate Resin Content

Lightly Textured Surface

Good Mechanical Durability
and Release

MECHANICAL
GRADE

THE PRODUCT YOU CAN COUNT ON

CHEMFAB® Mechanical Series

PTFE-COATED FIBERGLASS

CHEMFAB® Mechanical Series provides a cost-effective solution for mechanical release applications. Mechanical Grade fabrics are used where smooth surface finish is not as critical or where the fabric texture may be desirable.

Typical Properties

Product Name	CF303	CF305	CF310	CF314
Weight Nominal (oz./yd. ²)	3.5	6.5	13.6	18.6
Thickness Nominal (in.)	0.0029	0.0043	0.0087	0.0128
Dielectric Strength (volts/mil)	400	500	700	400
Resin Content (%)	60	52	55	55
Temperature Resistance (°F)	-240 to +500	-240 to +500	-240 to +500	-240 to +500
Standard Width (in.)	39.5, 49.5, 60.0	39.5	39.5, 49.5	39.5

Applications

Mechanical Series products are used as release and separator sheets, cable wrap, lightweight belting, and in heat sealing and packaging applications where some surface imprint is desired.

Features/Benefits

Mechanical Series products are suitable for direct food contact under 21CFR177.1550. These products are a good choice for price sensitive applications where release is still needed and texture is acceptable.

Availability

Mechanical Series products are available at the standard width only. CF303 is available at 79.5" by special order. 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.

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

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

CHEMFAB® is a registered trademark.

©2009 Saint-Gobain Performance Plastics Corporation
AFF-1498-1M-1009-SGCS

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.