

CHEMFAB[®]

PTFE COATED FABRIC

Outstanding Performance

High Resin Content

Mirror-Like Surface

Excellent Dimensional Stability

PREMIUM
GRADE

THE PRODUCT YOU CAN COUNT ON

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

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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.

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