

CHEMFAB[®]

PTFE-COATED FABRIC

For High End Applications

Highest Resin Composition

Super Smooth Surface

Outstanding Dielectric Strength

ELECTRICAL GRADE

THE PRODUCT YOU CAN COUNT ON

CHEMFAB® Electrical Series

PTFE-COATED FIBERGLASS

CHEMFAB® Electrical Series offers the highest level of PTFE content to produce a smooth surface coating. Electrical grade fabrics are an excellent choice for applications that require consistently high dielectric strength or where an ultra-smooth finish is desired.

Typical Properties

Product Name	CF003	CF006-2	CF010-2X
Weight Nominal (oz./yd. ²)	5.20	10.50	17.40
Thickness Nominal (in.)	0.0035	0.0069	0.0113
Breaking Strength (lbs./in.)			
Warp	100	130	140
Fill	80	150	160
Trapezoidal Tear (lbs.)			
Warp	2.0	4.0	8.0
Fill	1.5	4.0	6.0
Dielectric Strength (volts/mil)	1200	1100	800
Resin Content (%)	73	70	66
Temperature Resistance (°F)	-240 to +500	-240 to +500	-240 to +500
Standard Width (in.)	39.5, 60.0	39.5	39.5

Applications

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

Features/Benefits

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

Availability

Electrical Series products are available in standard 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.

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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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AFF-1581-PDF-1009-SGCS

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