

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.

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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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