

CHEMFAB®

PTFE COATED FABRIC

Enhanced Crease and
Tear Resistance

Balanced Resin Content

Ideal for High Flex Applications

Excellent Release Surface

TEAR RESISTANT GRADE

THE PRODUCT YOU CAN COUNT ON

CHEMFAB® Tear Resistant Series

PTFE-COATED FIBERGLASS

CHEMFAB® Tear Resistant Series is available with a tear-resistant coating that increases the tear strength of the fabric, making it more conformable and able to resist creasing. Tear Resistant Series products are available in a variety of coating weights and thicknesses.

Typical Properties

Product Name	CF103-TR	CF205-TR	CF205-2TR	CF206-2TR	CF106-TR	CF210-1TR
Weight Nominal (oz./yd. ²)	4.4	7.2	7.4	8.6	9.4	14.6
Thickness Nominal (in.)	0.0032	0.0048	0.0051	0.0060	0.0060	0.0098
Breaking Strength (lbs./in.)						
Warp	60	130	130	150	150	250
Fill	50	150	150	120	120	200
Trapezoidal Tear (lbs.)						
Warp	4	9	9	10	10	13
Fill	3	8	8	9	9	13
Dielectric Strength (volts/mil)	900	700	600	650	800	600
Resin Content (%)	68	57	58	65	67	59
Temperature Resist. (°F)	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500
Standard Width (in.)	39.5	43.5, 53.0	39.5	39.5	43.5, 53.0	39.5

Applications

Tear Resistant Series products are used as side sealer belts, release sheets for LDPE bag manufacturing, and in heat sealing applications where tear and flex resistance are needed.

Features/Benefits

Tear Resistant Series products feature tear resistant fiberglass reinforcement with the release characteristics of PTFE. These products are available in a variety of coating weights and can be combined with other attributes.

NOTE: NOT SUITABLE FOR DIRECT FOOD CONTACT.

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.

Availability

Tear Resistant Series products are available at the 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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