

CHEMFAB[®]

PTFE COATED FABRIC

Consistent Color

High Resin Content

Superior Reinforcement

Excellent Dimensional Stability

BC SERIES

THE PRODUCT YOU CAN COUNT ON

CHEMFAB® BC Series

PTFE-COATED FIBERGLASS

CHEMFAB® BC Series combines a high PTFE resin content with superior fiberglass reinforcement. The BC Series use a proprietary formulation that gives it a consistent brown color for applications where needed.

Typical Properties

Product Name	CF103-BC	CF205-2BC	CF105-2BC	CF106-2BC	CF108-1BC	CF210-1BC	CF110-1BC	CF010-1BC	CF214-1BC
Weight Nominal (oz./yd. ²)	4.4	7.6	8.0	9.4	10.5	14.6	15.9	17.1	20.0
Thickness Nominal (in.)	0.0032	0.0048	0.0052	0.0061	0.0076	0.0096	0.0101	0.0112	0.0135
Breaking Strength (lbs./in.)									
Warp	60	130	140	150	160	250	225	225	350
Fill	50	130	140	150	150	200	175	160	250
Trapezoidal Tear (lbs.)									
Warp	2	3	3	3	5	8	8	8	10
Fill	1	3	3	3	6	6	6	6	10
Dielectric Strength (volts/mil)	1000	1000	700	900	600	600	750	850	500
Resin Content (%)	68	58	61	67	64	59	62	65	58
Temperature Resistance (°F)	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500	-240 to +500
Standard Width (in.)	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5

Applications

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

Features/Benefits

CHEMFAB® BC Series products are suitable for direct food contact under 21CFR177.1550.

Availability

CHEMFAB® BC Series products are only available at the standard width, although slit widths are available. 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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