

HP BC Series

PTFE-COATED FIBERGLASS

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

Typical Properties

Product Name	HP103-BC	HP205-2BC	HP105-2BC	HP106-2BC	HP108-1BC	HP210-1BC	HP110-1BC	HP010-1BC	HP214-1BC
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 Fill	60 50	130 130	140 140	150 150	160 150	250 200	225 175	225 160	350 250
Trapezoidal Tear (lbs.)									
Warp Fill	2 1	3 3	3 3	3 3	5 6	8 6	8 6	8 6	10 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

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

Features/Benefits

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

Availability

HP 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.

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ptfeglass.com

Limited Warranty: For a period of 6 months from the date of first sale, Hi-Performance Products 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). Hi-Performance Products **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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