

versiv

COATED FABRICS

BETA® CLOTH

CF500 GW

BA 500BCGW utilises a tightly woven Beta® fiberglass substrate with a woven-in grid of graphite yarn to provide static dissipative performance. This product is silicone free.

ASTM E595 compliant.

PROPERTY	METRIC		IMPERIAL		TEST METHOD
Standard Widths	2030	mm	80	in	-
Coated Weight	260	g/m ²	7.6	oz/yd ²	FTMS 191A-5041
PTFE Weight	50	g/m ²	1.5	oz/yd ²	FTMS 191A-5041
Thickness	0.205	mm	8	mil	FTMS 191A-5030
Breaking Strength (Min. Avg)	165 x 160	N/cm	95 x 90	lb/in	FTMS 191A-5102
Trapezoidal Tear (Min. Avg)	17.8 x 17.8	N	4 x 4	lb	FTMS 191A-5136
Elongation at Break (Min. Avg)	2.0 x 2.0 %				-
Abrasion Resistance	> 750 Taber Cycles				FTMS 191A-5308
Thermal Emittance	> 0.88				ASTM E408
Solar Absorptance	< 0.15				ASTM E903
Solar Transmittance	< 0.35				ASTM E903
Nominal PTFE Content	10 - 27 %				-
Thermal Conductivity*	0.14 W/m·K				-
Temperature Resistance**	-150 to +260	°C	-240 to +500	°F	-
Grid Dimensions (Warp x Fill)	102 x 152	mm	4 x 6	in	-

*Not a routine test

**Based on widely available industry data. Testing required for exact application as values vary based on pressure and other environmental factors.

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Beta® is a registered trademark of Advanced Glassfiber Yarns LLC (AGY).

IMPORTANT: Pictures shown are for illustration purpose only. The values presented are typical values and should not be used for specification purposes. Contact your representative for more information. It is the user's responsibility to ensure the suitability and safety of Versiv Composites products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Versiv Composites Limited assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication, or application of the products into which the materials are incorporated by purchaser and/or user.

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