

CF500 F

CF500 F is a CHEMFAB® material that utilizes a tightly woven Beta® fiberglass substrate, lightly coated with PTFE. This product is silicone free.

This material is primarily used in aerospace applications for space shuttles and international space stations.

Typical Properties

Property	Units	Value
Widths Available	inches	51
Weight	oz/yd ²	7.6
Thickness	inches	0.008
Breaking Strength (Warp)	lbs/in	90
Breaking Strength (Fill)	lbs/in	80
Trapezoidal Tear (Warp)	lbs	3
Trapezoidal Tear (Fill)	lbs	3
Permeability	CFM	<0.01
Elongation at Break (Warp)	%	2.0
Elongation at Break (Fill)	%	>2.0
Thermal Emittance	%	>88
Solar Absorbance	%	<15
Solar Transmittance	%	<35
Abrasion Resistance	Taber Cycles	>750
Resin Content	%	17-22

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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.

Valid 02/2017 • Supersedes all previous versions
 PDS.CF500F.0217.US.CFMC

