

1587

PTFE Coated FG - 38" Non-Porous



High Temp Laminated Release Fabric

Our Non-Porous Teflon Coated Fiberglass features a proven film lamination and coating technology which is less permeable than traditional coated products. It offers a uniform PTFE thickness over a coated fiberglass substrate. It is compatible with all composite manufacturing processes at temperatures up to 600 degrees F. Available in 38" wide rolls/packages.

Application

#1587 is designed for vacuum bag lay-up composites and metal-to-metal bonding structures. #1587 offers exceptional tensile strength in both fill and warp directions. The fabric leaves a fine surface suitable for priming and secondary bonding. This product is suitable for use in direct food contact applications under 21 CFR 177.1550 (FDA).

Physical Property	Value	Metric Equivalent	Test Method
Roll Width	38 in (min.)	96.5 cm	ASTM D 3774
Air Flow (cu.ft/Min)	20-40	34 - 68	
Weight			
Overall Weight	5.5 oz/sq. yd	190 g/sq. m	
PTFE % by Weight	74%	74%	
Operating Temperature	-100 - 600°F	-73 - 316°C	
Thickness	0.004 in	0.010 cm	ASTM D 1777
Tensile Strength (Wrap)	90 lbs/in	790 N/5 cm	
Tensile Strength (Fill)	70 lbs/in	610 N/5 cm	
Tear Strength (Wrap)	3	13 N/5 cm	
Tear Strength (Fill)	2	9 N/5 cm	

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