



Polyester Release Peel Ply

Part # - 583

Moderate Resin Transfer

This polyester peel ply is scoured, heat set, and leaves a fine surface for priming or secondary bonding. It can be used at service temperatures of 350 degrees F and is resistant to phenolic resin system degradation. 60" Wide.

Application

#583 is designed for vacuum bag lay-up composites and metal-to-metal bonding structures. #583, 100% polyester fiber melts at approximately 480°F (249°C) and is resistant to phenolic resin system degradation. The fabric leaves a fine surface impression for priming and secondary bonding.

Physical Property	Value	Metric Equivalent	Test Method
Roll Width	60 in (min.)	157 cm	ASTM-D-3774
Weight	2.5 oz/yd ² (min.)	87 g/m ²	ASTM-D-3776
<i>Finished count</i>			
Warp	120 end/in (min.)	47 ends/cm	ASTM-D-3775
Fill	60 picks/in (min.)	24 picks/cm	
Tensile Strength (Grab)			ASTM-D-5034-95
Warp	130 lbs. (min.)	578 Newtons	
Fill	160 lbs. (min.)	712 Newtons	
Thickness	0.005 in ± .005 in	0.127 mm	ASTM-D-1777
pH	4.5-7.0		FTM-2811
Extractable Materials (Petroleum Ether Method)	0.5% (max.)		ASTM-D-2257