



**PRODUCT INFORMATION SHEET**

**Nylon Release Peel Ply Fabric**

**STYLE:** 52006

**CODE:** 51789

Code 51789 is designed for vacuum bag lay-up composites and metal-to-metal bonding structures. Code 51789 nylon 6,6 fiber melts at approximately 480°F (249°C). The fabric is **not** recommended for phenolic systems. The fabric leaves a fine surface impression for priming and secondary bonding. It is available in precision slit widths of less than 58 inches.

**Code 51789 is available in:**

FIN 060 - Natural - Scoured and Heat-Set finish

FIN 061 - SRB - Super Release Blue - An inert, heat stabilized cross-linked polymer finish.

FIN 062 - 10 - International Orange for easy identification.

FIN 063 - GFR - A cross-linked low transfer fluorocarbon finish exhibiting totally inert characteristics for high release.

FIN 064 - LP - Low Porosity finish (4.5-8.0 cfm/ft<sup>2</sup>)

FIN 065 - VLP - Very Low Porosity finish (2.0-4.5 cfm/ft<sup>2</sup>)

<b>Physical Property</b>	<b>Value</b>	<b>Metric Equivalent</b>	<b>Test Method</b>
Roll Width	58 in (min.)	147 cm	ASTM-D-3774
Roll Length	300 yds (max.)	275 m	
Weight	1.85 oz/yd <sup>2</sup> (min.)	64 g/m <sup>2</sup>	ASTM-D-3776
Finished Count			
Warp	160 ends/in (min.)	63 ends/cm	ASTM-D-3775
Fill	103 picks/in (min.)	41 picks/cm	
Tensile Strength (Grab)			
Warp	110 lbs. (min.)	490 Newtons	ASTM-D-5034-95
Fill	130 lbs. (min.)	623 Newtons	
Thickness	0.005 in ±.0005 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

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