

AWTNPP-589 / AWTNRP-589

AWTNPP-589 & AWTNRP-589 are both designed for vacuum bag lay-up composites and metal-to-metal bonding structures. AWTNPP-589 & AWTNRP-589 are both 100% nylon 6 6. The 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. Standard roll width is 58 inches. Precision slit widths of 56 inches or less available upon request.

AWTNPP-589 Peel Ply is available in:

AWTNPP-589-58-N: Scoured and Heat-Set finish

AWTNPP-589-58-O: International Orange for easy identification

AWTNPP-589-58-LP: Very Low Porosity finish

AWTNRP-589 Release Ply is available in:

AWTNRP-589-58-SR: Super Release Blue is an inert, heat stabilized, cross-linked polymer finish

AWTNRP-589-58-FR: a cross-linked, low transfer fluorocarbon finish for ease of release

US			Metric	
ROLL WIDTH				
ASTM-D-3774	58 in		147.3 cm	(min)
ROLL LENGTH				
	300 yd.		274.3 m	(max)
WEIGHT				
ASTM-D-3776	1.85 oz. /yd.2 (min)		62.7 g/m2	(min)
FINISHED COUNT				
ASTM-D-3775	WARP	160 ends/in	63.0 ends/cm	(min)
	FILL	103 picks/in	40.6 picks/cm	(min)
TENSILE STRENGTH				
ASTM-D-5034 (Grab)	WARP	110 lb. /in	489.5 Newtons	(min)
	FILL	130 lb. /in	578.5 Newtons	(min)
THICKNESS				
ASTM-D-1777	0.0045 – 0.0055 in		0.114 – 0.140 mm	
pH				
AATCC-81	4.5 – 7.0			
EXTRACTABLE MATERIALS				
ASTM-D-2257 (Petroleum Ether)	0.5 %		(max)	