

Overview

AeroWindTech offers a complete range of products for the high-end composite molding industry, including mold release and vacuum bagging films, PTFE coated fiberglass bleeder cloth, release fabrics, and PSA Tool Coat tapes. Our Mold Release and Vacuum Bagging films are suitable for the upper end temperatures required in the fabrication of high-performance composites for the aerospace industry.

Technical Properties

Porous Bleeder Cloth	2	3
Upper Use Temperature:	600°F	
Overall Weight oz./yd.² (g/m²):	1.5 (51)	2.0 (68)
Thickness in (mm):	0.002 (0.050)	0.003 (0.076)
Width in (mm):	38 (1016), 50 (1270)	
Color:	Natural (light	

Release Fabric	3	5	10
Upper Use Temperature:	600°F (316°C)		
Overall Weight oz./yd.² (g/m²):	3.5 (120)	7.5 (250)	14.5 (490)
Thickness in (mm):	0.003 (0.076)	0.005 (0.13)	0.0010 (0.25)
Width in (mm):	38 (1016), 50 (1270)		
Color:	Natural (light		

Tool Coat Adhesive Tape	3S	5S
Upper Use Temperature:	500°F	
PTFE Coated Base Weight oz./yd.² (g/m²):	4.5 (150)	7.5 (250)
Width in (mm):	36.0	
PTFE Coated Base Nominal Thickness in (mm):	0.003 (0.076)	0.005 (0.127)
Adhesive Nominal Thickness in (mm):	0.002 (0.051)	
Overall Product Thickness in (mm):	0.005 (1.127)	0.007 (0.178)
Tensile Strength lbs./in (N/50mm): Warp x Fill	60 (534) x 50 (445)	130 (1157) x 140 (1246)
Adhesive System	Silicone	
Color:	Natural (light brown), Copper, Brown	

Shelf Life

The Release Fabric and Bleeder Cloth products have no shelf life expiration. The Tool Coat Adhesive Tape expires 18 months from the date of shipment.

Packaging

Product is sold by the roll and shipped on 3" cores for ease of storage on clean room racks. Product is protected in cardboard boxes during transit.

Freight Classification

Product is categorized as a Textile, and not hazardous for transport.