



ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701

T: 732.634.5700 F: 732.634.1430 alphainc.com

ALPHA - SHIELD				
STYLE 2025/9480-PSA				
<u>DESCRIPTION</u>				
Alpha Style 2025/9480-PSA is a lamination of heavy weight fiberglass fabric and aluminum foil with a pressure sensitive backing.				
<u>PROPERTY DATA</u>				
STYLE 2025/9480-PSA				
<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>	<u>METRIC</u>	
WEIGHT	ASTM-D-3776	24 oz/syd ± 10%	816 g/m ² ± 10%	
THICKNESS	ASTM-D-1777	0.034 ± .003"	0.8636 mm ± .0762 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	250 lbs./in.	44.72 kg/cm
		Fill-	200 lbs/in.	35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp-	35 lbs.	15.91 kg
		Fill-	35 lbs.	15.91 kg
MULLEN BURST	ASTM-D-3786	300 psi		
HEAT AGING		Samples retain a minimum of 90% adhesion to Noryl test panel after aging for 30 minutes at 300 °F.		
COLOR and COATING		Aluminum Foil		
BASE FABRIC and WEAVE		Fiberglass/Plain Weave		
ADHESION STRENGTH: Method PSTC3: Samples retain a minimum of 50% of adhesion to Noryl test panel when immersed for 30 minutes in the following fluids:				
-Power Steering Fluid				
-Motor Oil 10W-40				
-Brake Fluid				
-3% Salt Solution				
-50/50 Mix of Antifreeze and Water				

DATA SHEET: 13684 REV: C DATE: 4/21/16 *All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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