



ALPHA
high performance fabrics & composites

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ALPHA - TEMP (FABRIC BASE) STYLE 7642/9480 BH PS				
<u>DESCRIPTION</u> Alpha Style 7642/9480-BH-PS is a lamination of fiberglass fabric and aluminum foil with a pressure sensitive backing for use in automotive heat shields.				
PROPERTY DATA STYLE 7642/9480 BH PS				
<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>	<u>METRIC</u>	
WEIGHT	ASTM-D-3776	11.7 oz/sy ± 10%	397.11 g/m ² ± 10%	
THICKNESS	ASTM-D-1777	0.016" ± .001"	0.406 mm ± 0.025 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp- 250 lbs./inch Fill- 120 lbs/inch	44.69 kg/cm 21.45 kg/cm	
TEAR STRENGTH	ASTM-D-5587	Warp- 20.0 lbs Fill- 20.0 lbs.	9.08 kg 9.08 kg	
MULLEN BURST	ASTM-D-3786	200 psi	13.97 kg/cm ²	
FLAME RESISTANCE				
BASE FABRIC and WEAVE		Fiberglass/Plain Weave		
COLOR and COATING		Aluminum Foil		
PEEL ADHESION	ASTM-D-3330	2 lbs./inch	357 g/cm	

DATA SHEET: 14018 REV: C DATE: 11/2/2015 *All values are nominal unless otherwise specified.

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

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