



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%	374 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.016" ± .001"	0.406 mm ± 0.04 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 250 lbs./inch Fill- 120 lbs/inch	44.66 kg/cm 26.79 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 20.0 lbs Fill- 20.0 lbs.	9.07 kg 9.07 kg
MULLEN BURST	ASTM-D-3786	200 psi	31.5 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: B DATE: 6/24/2015 *All values are nominal unless otherwise specified.

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

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