



ALPHA - MARITEX  
STYLE 7628/9480 AMA 1S

DESCRIPTION

Alpha Style 7628/9480 is a laminate of lightweight fibergl-AMA-1S is a lamination of fiberglass fabric to aluminum foil, using a high temperature adhesive with a silicone wash coat to protect the exposed surface and prevent fabric fraying on the laminated edges. This composite is designed to withstand temperatures of 450°F with short exposure limits to 500°F.

APPLICATIONS

Automotive applications including insulation facings and radiant heat shields.

ADVANTAGES

High temperature resistance, reflects radiant heat, good corrosion resistance.

PROPERTY DATA  
STYLE 7628/9480 AMA 1S

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	9.5 oz/sy ± 10%	323 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	0.009" ± .001"	0.228 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 225 lbs./inch Fill- 150 lbs/inch	40.19 kg/cm 26.79 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- 15.0 lbs Fill- 17.5 lbs.	6.80 kg 7.94 kg
MULLEN BURST	ASTM-D-3786	470 psi	32.9 kg/cm <sup>2</sup>
FLAME RESISTANCE	ASTM D-6413	Char Length 1/2 inch maximum Afterglow 1 second maximum Flame Out 1 second maximum	1.27 cm max. 1 second maximum 1 second maximum
TEMPERATURE RESISTANCE		-40°F to 450°F max .	-40°C to 232°C max.
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Aluminum Foil	

DATA SHEET: 14017 REV: B DATE: 09/14/2014 \*All values are nominal unless otherwise specified.

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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.