



# ALPHA

engineered composites

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ALPHA - MARITEX  
STYLE 1636/9480 SR PS

DESCRIPTION

Alpha Style 1636/9480 SR PS is a lamination of lightweight fiberglass fabric and aluminum foil. A reinforcing glass scrim adds to the dimensional stability of the product. It is especially suitable as a high-temperature, heat reflective fabric where weight is an important design consideration. This product is coated with a high performance pressure sensitive adhesive.

APPLICATIONS

Alpha Style 1636/9480 SR PS is used in the automotive and aircraft industries for insulation facings and radiant heat shields.

PROPERTY DATA  
STYLE 1636/9480 SR PS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	8.5 oz/sy $\pm$ 10%	289 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777	0.0125" $\pm$ 0.001"	0.316 mm $\pm$ .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp-	150 lbs./inch
		Fill-	100 lbs./inch
TEAR STRENGTH	ASTM-D-5587	Warp-	14 lbs. Min
		Fill-	12 lbs. Min
MULLEN BURST	ASTM-D-3786	200 psi	14 kg/cm <sup>2</sup>
TEMPERATURE RESISTANCE		350 °F max.	175 °C max.
BASE FABRIC and WEAVE		Fiberglass/Plain Weave	
COLOR and COATING		Aluminum Foil	
ADHESION	ASTM-D-3330	2.0 lbs./inch	357 g/cm

DATA SHEET: 14221 REV: C DATE: 12/1/2016 \*All values are nominal unless otherwise specified.

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

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