



# ALPHA

high performance fabrics & composites

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ALPHA - TEMP (SCRIM BASE)  
STYLE 4313-MAE

DESCRIPTION

Alpha Style 4313-MAE is a triple ply laminate of a vinyl back with a metallized polyester film face and a fiberglass scrim tear stopper. The components are adhered together using a high performance flame retardant adhesive.

CONSTRUCTION 4 x 3 Fiberglass scrim 75G  
Clear PVC Film: 0.0008"  
Metallized Polyester Film : 0.0005"

PROPERTY DATA  
STYLE 4313-MAE

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	2.0 oz/yd <sup>2</sup> ± 10%	67.8 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	.007" ± .001"	0.178 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 40 lbs/inch Fill- 30 lbs/inch	7.14 kg/cm 5.36 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 56.44 oz. Fill- 56.44 oz.	1600 gms. 1600 gms.
BURST STRENGTH	ASTM-D-3786	85 psi	5.95 kg/cm <sup>2</sup>
BEACH PUNCTURE	ASTM-C-1136	150 units (39.75 inch-lbs)	4.5 joules
CORROSION RESISTANCE	AST- C-1258	106 °F @100% RH 30 days No Corrosion	41 °C
PERMEABILITY: (MVTR)	ASTM-E-96	0.02 Perms	0.013 metric Perms
WATER RESISTANCE		1 hr soak, 23 °C No Delamination	

DATA SHEET: 13956 REV: C DATE: 01/08/15 \*All values are nominal unless otherwise specified.

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

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