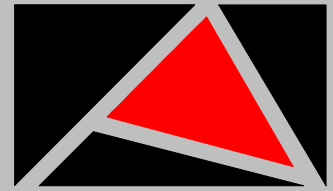


# ALPHA ASSOCIATES, INC.

ALPHA - ALAFLEX  
STYLE 59-M TAN

TWO AMBOY AVENUE PO BOX 128 WOODBRIDGE, N.J. 07095  
Phone: (732) 634-5700 Fax: (732) 634-1430



## DESCRIPTION

Alpha Style 59-M Tan is a lamination of 100% fiberglass scrim and polyester film. It is laminated using a tan, high temperature resistant fire-retardant adhesive.

## ADVANTAGES

Resists oil and water  
Tough - resists damage and has excellent puncture resistance.  
Paintable - surface may be painted with a compatible paint.  
High tear strength.

## APPLICATIONS

Facing for Navy Hullboard.  
Sound absorption membrane.

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## *PROPERTY DATA* *STYLE 59-M TAN*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	3.0 oz/sy $\pm$ 10%	102 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.008" $\pm$ .001"	0.203 mm $\pm$ .025 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 50 lbs/inch Fill- 50 lbs/inch	8.93 kg/cm 8.93 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 7 lbs Fill- 7 lbs	3.18 kg 3.18 kg
BEACH PUNCTURE	ASTM-D-781-68	400 units (106 in/lbs)	122 cm/kg
FLAME RESISTANCE	FED 191/5903.2	Char Length 5 1/2 inch max. Afterglow 1 sec max. Flame Out 1 sec. max.	13.97 cm max. 1 sec max. 1 sec. max.
PERMEABILITY (MVTR)	ASTM-E-96-94	Result - 0.05 Perms	
CORROSION RESISTANCE	FED SPEC HHB 100B	120 °F @95% RH 20 days Result - No Corrosion	49 °C

COMPLIES TO U.S. COAST GUARD #46-CFR 164.012 INTERIOR FINISH  
COAST GUARD APPROVAL #164.012/73/0

DATA SHEET 13059

REV B

DATE: 10/1/98

\* All values are nominal unless otherwise specified.

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

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