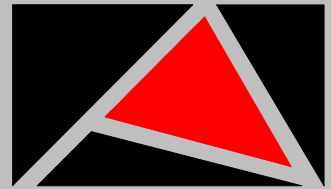


# ALPHA ASSOCIATES, INC.

ALPHA - ALAFLEX (SCRIM BASE)  
STYLE 4348 AMA

145 LEHIGH AVE CN2013 LAKEWOOD, N.J. 08701  
Phone: (732) 634-5700 Fax: (732) 634-1430



## DESCRIPTION

Alpha Alaflex Style 4348 AMA is a triple ply laminate made with a fiberglass scrim adhered with a fire retardant, thermo-setting adhesive to an aluminized polyester face and an aluminum foil backing.

1. Base Fabric - Fiberglass, 4 x 3 scrim
2. Adhesive - Fire Retardant, Thermo - Setting
3. Film - 1/2 mil polyester, aluminized
4. Foil - Aluminum 1 mil.

## ADVANTAGES

Aluminum surface ( both sides ), Excellent vapor barrier.

## APPLICATIONS

Flex Duct Jacketing, Refrigeration liners.

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## *PROPERTY DATA* *STYLE 4348 AMA*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	3.3 oz /sy $\pm$ 10%	112 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.006" $\pm$ .001"	0.152 mm $\pm$ .025 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 30 lbs/inch Fill- 25 lbs/inch	5.36 kg/cm 4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 31.75 oz. Fill- 28.22 oz.	900 gms. 800 gms.
BEACH PUNCTURE	ASTM-D-781-68	100 units (26.5 in/lbs)	30.5 cm/kg
FLAME RESISTANCE	FED 191/5903.2	Char Length 2 inch max. Afterglow 2 sec. max. Flame Out 2 sec. max.	5.08 cm max. 2 sec. max. 2 sec. max.
PERMEABILITY (MVTR)	ASTM-E-96-94	Result - .02 Perms	
CORROSION RESISTANCE	FED SPEC HHB 100B	120 °F 95% RH 20 days Result - No Corrosion	49 °C
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-40°F to +300 °F	-40 °C to 149 °C

DATA SHEET 12534

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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