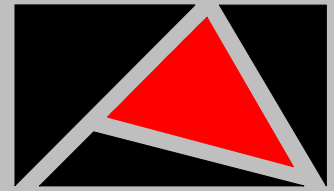


ALPHA ASSOCIATES, INC.

ALPHA - ALAFLEX (SCRIM BASE)
STYLE 4348 AMA

145 LEHIGH AVENUE 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.

PROPERTY DATA

STYLE 4348 AMA

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	3.3 oz /sy \pm 10%	112 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.006" \pm .001"	0.152 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 30 lbs/inch Fill- 25 lbs/inch	5.36 kg/cm 4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 31.75 oz. Fill- 28.22 oz.	900 gms. 800 gms.
BEACH PUNCTURE	ASTM-D-781	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	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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