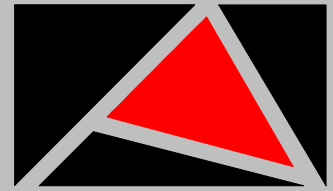


ALPHA ASSOCIATES, INC.

ALPHA - ALAFLEX (FILM BASE)
STYLE 13 AM

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



DESCRIPTION

Alpha Alaflex Style 13 AM is a two ply laminate made with an incombustible thermo-setting adhesive bonding polyester film to an aluminum foil backing.

1. Adhesive - Incombustible, thermo-setting.
2. Film - 1/2 mil. polyester.
3. Foil - Aluminum - 3/10 mil.

ADVANTAGES

Low cost.
Excellent vapor barrier.

APPLICATIONS

Flex Duct liner.
Refrigeration liners.

PROPERTY DATA STYLE 13 AM

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	1.30 oz/sy \pm 10%	44 g/m ² \pm 10%
THICKNESS	ASTM-D-1777-96	0.0012" \pm 0.0005"	0.030 mm \pm .013 mm
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 10 lbs./inch Fill- 10 lbs/inch	1.786 kg/cm 1.786 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 0.705 oz. Fill- 0.705 oz.	20 gms. 20 gms.
BURST STRENGTH	ASTM-D-3786-87	30 psi	2.1 kg/cm ²
FLAME RESISTANCE	FED STD 191/5903.2	Char Length 2 inches max. Afterglow 1 second max. Flame Out 1 second max.	5.08 cm max. 1 second max. 1 second max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	Cold: -20 °F Hot: +300 °F	-29 °C to 149 °C
PERMEABILITY (MVTR)	ASTM-E-96-94	Result = .05 Perms	
CORROSION RESISTANCE	FED SPEC HHB 100B	120 °F @95% RH 20 days Result = No Corrosion	49 °C

DATA SHEET 12424

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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