



ALPHA - ALAFLEX (FILM BASE)

STYLE 13 AM

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	1.30 oz/sy ± 10%	44 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.0012" ± 0.0005"	0.030 mm ± .013 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 10 lbs./inch Fill- 10 lbs/inch	1.786 kg/cm 1.786 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 0.705 oz. Fill- 0.705 oz.	20 gms. 20 gms.
BURST STRENGTH	ASTM-D-3786	30 psi	2.1 kg/cm ²
FLAME RESISTANCE	ASTM-D-6413	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		Cold: -20 °F Hot: +300 °F	-29 °C to 149 °C
PERMEABILITY (MVTR)	ASTM-E-96	Result = .05 Perms	
CORROSION RESISTANCE	ASTM-C-1136	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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.