

ALPHA ASSOCIATES, INC.

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ALPHA - ALAFLEX (SCRIM BASE)
STYLE 2278 - MAM- J
UL File # MH-8631



DESCRIPTION

Alpha Style 2278 - MAM- J is a helically wound triple ply laminate made with a fiberglass scrim adhered with a fire-retardant thermo-setting adhesive to an aluminized polyester face and a clear polyester backing.

1. Base Fabric - Fiberglass 2 x 2 scrim.
2. Adhesive - Fire-retardant, thermo-setting.
3. Film - 1/2 mil aluminized polyester.
4. Film - 1/2 mil polyester.

ADVANTAGES

Aluminized surface, one side. Excellent vapor barrier properties. Superior strength characteristics. This product is recognized under the Recognized Component Program of UnderWriters' Laboratories, Inc.

APPLICATIONS

Flex Duct Jacketing, Refrigeration liners.

PROPERTY DATA

STYLE 2278 - MAM- J

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	1.80 oz/syd \pm 10%	61.2 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.009" nominal	0.229 mm nominal
TENSILE STRENGTH	ASTM-D-5035	Warp- 20 lbs/inch Fill- 25 lbs/inch	3.57 kg/cm 4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 42.33 oz. Fill- 63.49 oz.	1200 gms. 1800 gms.
BEACH PUNCTURE	ASTM-D-781	100 units (26.5 in/lbs)	30.5 cm/kg
SEAM TENSILE	ASTM-D-5035	12 lbs/inch	2.14 kg/cm
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-65 °F to +265 °F	-54 °C to 129 °C
CORROSION RESISTANCE	FED SPEC HHB 100B	120 °F @95% RH 20 days Result = No Corrosion	49 °C
PERMEABILITY (MVTR)	ASTM-E-96	Result - .05 Perms	
FLAME RESISTANCE:	ASTM - E- 84-97b (Tunnel)	Flame Spread: 25 Smoke Developed: 50	

DATA SHEET 13401

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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