

# ALPHA ASSOCIATES, INC.

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

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



## 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.

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## *PROPERTY DATA*

### *STYLE 2278 - MAM- J*

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<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	1.80 oz/syd $\pm$ 10%	61.2 g/m <sup>2</sup> $\pm$ 10%
THICKNESS	ASTM-D-1777-96	0.009" nominal	0.229 mm nominal
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 20 lbs/inch Fill- 25 lbs/inch	3.57 kg/cm 4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 42.33 oz. Fill- 63.49 oz.	1200 gms. 1800 gms.
BEACH PUNCTURE	ASTM-D-781-68	100 units (26.5 in/lbs)	30.5 cm/kg
SEAM TENSILE	ASTM-D-5035-95	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-96-94	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.

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