



ALPHA

engineered composites

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ALPHA - ALAFLEX (SCRIM BASE)
 STYLE 2278 AMA

DESCRIPTION

Alpha Alaflex 2278 AMA is a reinforced version of 13 AM, utilizing a fire-retardant, thermo-setting adhesive, 2x2 scrim, aluminized polyester film and one layer of aluminum foil for construction.

ADVANTAGES

This product offers excellent fire-retardant characteristics and can be used as a flexible duct liner with the proper system. It offers excellent vapor barrier characteristics and high strength coupled with low cost. This product is a U.L. listed sheathing material.

PROPERTY DATA

STYLE 2278 AMA

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	1.6 oz/sy ± 10%	54.4 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.005" ± .001"	0.127 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 20 lbs./inch Fill- 20 lbs/inch	3.57 kg/cm 3.57 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 11.29 oz. Fill- 11.29 oz.	320 gms. 320 gms.
BEACH PUNCTURE	ASTM-C-1136	40 units (10.6 inch-lbs)	1.2 joules
FLAME RESISTANCE	ASTM D-6413	Char Length 5 inches Afterglow 5 seconds Flame Out 3 seconds	12.70 cm max. 5 seconds 3 seconds
TEMPERATURE RESISTANCE		-65 °F to 265 °F	-54 °C to 129 °C
PERMEABILITY (MVTR)	ASTM-E-96	Result = .05 Perms	
CORROSION RESISTANCE	ASTM C-1258	120 °F @95% RH 28 days Result = No Corrosion	49 °C

DATA SHEET: 13053 REV: D DATE: 01/8/15 *All values are nominal unless otherwise specified.

Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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