



ALPHA - ALAFLEX (SCRIM BASE)
STYLE 4348 AMA 5/10

DESCRIPTION

Alpha Alaflex Style 4348 AMA 5/10 is a triple ply laminate made with a fiberglass scrim adhered with a fire retardant, thermo-setting adhesive to an aluminized polyester face and an aluminum foil backing.

1. Base Fabric - Fiberglass, 4 x 3 scrim.
2. Adhesive - Fire Retardant, Thermo-Setting.
3. Film - 1/2 mil polyester, aluminized.
4. Foil - Aluminum 5/10 mil.

ADVANTAGES

Aluminum surface (both sides), Excellent vapor barrier.

APPLICATIONS

Flex Duct Jacketing, Refrigeration liners.

PROPERTY DATA
STYLE 4348 AMA 5/10

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	2.3 oz/sy ± 10%	78.6 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.006" ± .001"	0.152 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 30 lbs/inch Fill- 25 lbs/inch	5.36 kg/cm 4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 24.69 oz. Fill- 17.67 oz.	700 gms. 500 gms.
BEACH PUNCTURE	ASTM-C-1136	100 units (26.5 inch/lbs)	3.0 joules
FLAME RESISTANCE	ASTM-D-6413	Char Length 2 inch max. Afterglow 2 sec. max. Flame Out 2 sec. max.	5.08 cm max. 2 sec. max. 2 sec. max.
TEMPERATURE RESISTANCE		-40 °F to +300 °F	-40 °C to 149 °C
PERMEABILITY (MVTR)	ASTM-E-96	Result - 0.02 Perms	
CORROSION RESISTANCE	ASTM-C-1136	120 °F @95% RH 20 days Result - No Corrosion	49 °C

DATA SHEET: 14155 REV: B DATE: 1/08/15 *All values are nominal unless otherwise specified.

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

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