



ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701
T: 732.634.5700 **F:** 732.634.1430 alphainc.com

ALPHA - ALAFLEX (SCRIM BASE)
 STYLE 4348-WMMA

DESCRIPTION

Alpha Alaflex Style 4348-WMMA is a triple ply laminate made with a fiberglass scrim adhered with a fire retardant, thermo-setting adhesive to a white polyester face and an aluminized polyester backing.

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

ADVANTAGES

White face, excellent vapor barrier.

APPLICATIONS

Flex duct jacketing, refrigeration liners.

PROPERTY DATA
 STYLE 4348-WMMA

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	1.8 oz/sy ± 5 %	61.2 g/m ² ± 5%
THICKNESS	ASTM-D-1777	0.005" ± 0.001"	0.127 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- 21.16 oz. Fill- 14.11 oz.	600 gms. 400 gms.
BEACH PUNCTURE	ASTM-C-1136	150 units (39.75 inch-lbs)	4.5 joules
TEMPERATURE RESISTANCE		-40 °F to +300 °F	-40 °C to 149 °C
PERMEABILITY (MVTR)	ASTM-E-96	Result = 0.05 Perms	
CORROSION RESISTANCE	ASTM C-1258	120 °F @95% RH 28 days Result = No Corrosion	49 °C

DATA SHEET: 12857 REV: F DATE: 01/08/15 *All values are nominal unless otherwise specified.

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

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