



ALPHA

engineered composites

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ALPHA - ALAFLEX
 STYLE 4313 WMS

DESCRIPTION

Alpha Alaflex Style 4313-WMS is a white vapor retardant, reinforced film with a heat sealable backing.

APPLICATIONS

This attractive, washable facing can be used to face insulation for thermal and/or acoustical applications.

ADVANTAGES

Alpha Alaflex Style 4313-WMS' heat-sealable film backing can be used to laminate the facing to most substrates with a hot roller rather than using adhesives. The resulting savings in adhesive, cleanup, and drying time makes this method of lamination cost effective.

PROPERTY DATA
 STYLE 4313 WMS

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>	<u>METRIC</u>	
WEIGHT	ASTM-D-3776	2.4 oz/sy ± 5%	81.6 g/m ² ± 5%	
THICKNESS	ASTM-D-1777	0.008" ± .001"	0.203 mm ± .025 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	25 lbs/inch	4.47 kg/cm
		Fill-	25 lbs/inch	4.47 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp-	42.33 oz.	1200 gms.
		Fill-	35.27 oz.	1000 gms.
BEACH PUNCTURE	ASTM-C-1136	120 units (31.8 inch-lbs)	3.6 joules	
FLAME RESISTANCE	ASTM-D-6413	Char Length	12 inch max.	30.48 cm max.
		Afterglow	5 sec. max.	5 sec. max.
		Flame Out	15 sec. max.	15 sec. max.
HEAT SEAL		4 lbs	1.81 kg	
PERMEABILITY (MVTR)	ASTM-E-96	Result - 0.01 Perms		
CORROSION RESISTANCE	ASTM-C-1258	120 °F @95% RH 28 days		49 °C
		Result - No Corrosion		
TEMPERATURE RESISTANCE		-40 °F to +200 °F	-40 °C to 93 °C	

DATA SHEET: 12885 REV: D 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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