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ALPHA ALAFLEX
STYLE 5513 VSA



DESCRIPTION

Alpha Alaflex Style 5513-VSA is a triple ply laminate of aluminum foil, 5x5 fiberglass scrim and a heat activated thermoplastic film.

APPLICATIONS

This composite is designed as a heat-sealable facing for fiberglass and mineral wool insulation board that offers excellent conformal characteristics in hot press molding applications. 5513-VSA can also be used as a heat sealable splicing tape to metal foil where high strength is desirable.

ADVANTAGES

The heat seal copolymer film has excellent adhesion to metal foils as well as outstanding water and oil resistance.

PROPERTY DATA *STYLE 5513 VSA*

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	2.5 oz/sy \pm 10%	85.0 g/m ² \pm 10%
THICKNESS	ASTM-D-1777	0.007" \pm .001"	0.178 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5035	Warp- 25 lbs/in. Fill- 20 lbs/in.	4.46 kg/cm 3.57 kg/cm
TEAR STRENGTH	ASTM-D-1424	Warp- 35.27 oz. Fill- 31.75 oz.	1000 gms. 900 gms.
BEACH PUNCTURE	ASTM-D-781	50 units (13.25 in/lbs)	15.25 cm/kg
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-40 °F to 160 °F	-40 °C to 71 °C
HEAT SEALABILITY	@300 °F scrim to scrim	2 lbs/inch	149 °C, 0.357 kg/cm,

DATA SHEET 13921

REV A

DATE: 1/16/07

* All values are nominal unless otherwise specified.

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

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