

ALPHA ASSOCIATES, INC.

145 LEHIGH AVE CN2013 LAKEWOOD, N.J. 08701
Phone: (732) 634-5700 Fax: (732) 634-1430

ALPHA
STYLE 4313 HSU-SD



DESCRIPTION

Alpha Style 4313 HSU-SD is a laminate comprised of metallized polyester film and a 4x3 fiberglass scrim. The adhesive used to combine this composite is a low temperature heat activated coating designed to adhere to various foams.

ADVANTAGES

This product also has the same low temperature heat seal encapsulating the fiberglass scrim to give greater bonding surface area and increase adhesion to foam or other substrates such as fiberglass fabrics, polyester film and aluminum foil.

PROPERTY DATA

STYLE 4313 HSU-SD

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	1.9 oz/sy \pm 10%	64.6 g/m ² \pm 10%
THICKNESS	ASTM-D-1777-96	0.007" \pm .001"	0.178 mm \pm .025 mm
BREAKING STRENGTH	ASTM-D-5035-95	Warp- 25 lbs/inch	4.47 kg/cm
		Fill- 20 lbs. / inch	3.57 kg/cm
TEAR STRENGTH	ASTM-D-1424-96	Warp- 35.27 oz.	1000 gms.
		Fill- 28.22 oz.	800 gms.
BURST STRENGTH	ASTM-D-3786-87	75 psi	5.25 kg/cm ²
BEACH PUNCTURE	ASTM-D-781-68	100 units (26.5 in/lbs)	30.5 cm/kg
FLAME RESISTANCE	FED 191/5903.2	Char Length 12 inch max.	30.48 cm max.
		Afterglow 5 seconds max.	5 seconds max.
		Flame Out 5 seconds max.	5 seconds max.

DATA SHEET 13267

REV B

DATE: 10/1/98

* All values are nominal unless otherwise specified.

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

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