

ALPHA ASSOCIATES, INC.

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

ALPHA - TEMP (SCRIM BASE)
STYLE VRP-3 HD



DESCRIPTION

VINYL / SCRIM / METALLIZED PET

*THIS MATERIAL MEETS ALL CRITERIA FOR ASTM-C-1136 03A..TYPES I, II, III, IV & VI

PROPERTY DATA STYLE VRP-3 HD

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	32 lbs/1000 sf ± 10%	153 g/m ² ± 10%
THICKNESS	ASTM-D-1777	.010" ± .001"	0.254 mm ± .025 mm
TENSILE STRENGTH	ASTM-C-1136-03a	MD- 60 lbs/inch XD- 35 lbs/inch	10.71 kN/m 6.25 kN/m
ACCELERATED AGING	30 days(95% RH,120 °F)	@ 49 °C No Corrosion No Delamination	No Corrosion No Delamination
BURST STRENGTH	ASTM-D-774	100 psi	7.0 kg/cm ²
BEACH PUNCTURE	ASTM-D-781	150 Beach units	9.77 Joules
WATER IMMERSION	24 hours @ 73°F (23°C)	No Delamination	No Delamination
PERMEABILITY (WVTR)	ASTM-E-96	0.02 Perms	1.15 ng/N's
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	20 °F to 220 °F	-6.7 °C to 104 °C
LIGHT REFLECTIVITY	ASTM C-523	Result-90%	90%
MOLD RESISTANCE	ASTM-C-665	No Growth	No Growth
FIRE TESTING UL 723		COMPOSITE FLAME SPREAD 15 SMOKE DEVELOPED 50	

DATA SHEET 13929

REV D

DATE: 9/21/09

* All values are nominal unless otherwise specified.

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

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