

# ALPHA ASSOCIATES, INC.

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ALPHA - TEMP (SCRIM BASE)  
STYLE VR-R HD



## DESCRIPTION

POLYPROPYLENE / SCRIM / METALLIZED POLYESTER

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

## PROPERTY DATA STYLE VR-R HD

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	BASIS WEIGHT	17.0 lbs./1000 sq ft +/- 10%	83 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	.008" nominal	0.203 mm nominal
TENSILE STRENGTH	ASTM-C-1136	MD 45 lbs/inch XD 35 lbs/inch	7.88 kN/m 6.13 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 <sup>2</sup>
BEACH PUNCTURE	ASTM-D-781	250 Beach units (145.75 in/lbs)	16.28 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	-40 °F to 220 °F	-40 °C to 104 °C
LIGHT REFLECTIVITY	ASTM C-523	Result-85%	85%
MOLD RESISTANCE	ASTM-C-665	No Growth	No Growth
FIRE TESTING UL 723 (CAN ULC-S201m)	COMPOSITE		
	FLAME SPREAD	25	
	SMOKE DEVELOPED	50	

DATA SHEET 13449

REV F

DATE: 9/23/08

\* All values are nominal unless otherwise specified.

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

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