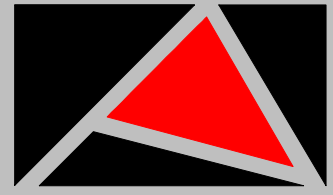


ALPHA ASSOCIATES, INC.

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ALPHA - WELD
STYLE 2150 VCF



DESCRIPTION

Alpha - Weld Style 2150 VCF is a heavyweight, plain weave fiberglass fabric coated with a vermiculite compound that imparts excellent resistance to high temperatures.

APPLICATIONS

Can be used as a flame or heat barrier material on many applications where high cost silica or ceramic fabrics have been used previously, such as the hot side of insulation blankets, radiation heat shields and any other application where a thermal barrier is required.

*This product is available in BLACK or TAN

PROPERTY DATA

STYLE 2150 VCF

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	25 oz/sy \pm 10%	850 g/m ² \pm 10%
THICKNESS	ASTM-D-1777-96	0.030" nominal	0.762 mm nominal
TENSILE STRENGTH	ASTM-D-5035-95	Warp- 400 lbs/inch Fill- 200 lbs/inch	71.44 kg/cm 35.72 kg/cm
TEAR STRENGTH	ASTM-D-5587-96	Warp- 50 lbs Fill- 25 lbs	22.68 kg 11.34 kg
FLAMMABILITY	FED 191/5903.2	Char Length 1/8 inch max.	0.318 cm max.
		Afterglow 1 second max.	1 second max.
		Flameout 0 seconds max.	0 seconds max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	1200 °F (Continuous) 1500 °F (Intermittent)	649 °C to 816 °C
BASE FABRIC and WEAVE		Fiberglass - Plain Weave	
COATING		Vermiculite	

* Material may suffer some degradation of physical properties after extended periods at elevated temperature.

DATA SHEET 13934

REV A

DATE: 9/13/07

* All values are nominal unless otherwise specified.

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

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