

ALPHA ASSOCIATES, INC.

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ALPHA - MARITEX
STYLE FCF-1000



DESCRIPTION

Alpha Maritex Style FCF-1000 is a lightweight fluorocarbon coated fiberglass fabric designed to provide the fabricator of small removable blankets with a supple, extremely flexible fabric for intricate shapes. The coating is highly resistant to most industrial chemicals and can be used in applications to 500 °F.

APPLICATIONS

Removable Blankets for Insulation
Small Valves and Fittings

ADVANTAGES

Good Chemical Resistance
Abrasion Resistant
Low Smoke Level
Good Flame Resistance

PROPERTY DATA STYLE FCF-1000

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776-96	10 oz/sy \pm 10%	340 g/m ² \pm 9 g/m ²
THICKNESS	ASTM-D-1777-96	0.008" \pm .001"	0.203 mm \pm .025 mm
TENSILE STRENGTH	ASTM-D-5034-95	Warp- 190 lbs/in. Fill- 130 lbs/in.	33.93 kg/cm 23.22 kg/cm
TRAPEZOIDAL TEAR	ASTM-D-5587-96	Warp- 14 lbs Fill- 12 lbs	6.35 kg 5.44 kg
FLAMMABILITY	FED 191/5903.2	Char Length 1 inch maximum Afterglow 1 second maximum Flame Out 1 second maximum	2.54 cm max. 1 second maximum 1 second maximum
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-67 °F to 500 °F	-55 °C to 260 °C
BASE FABRIC and WEAVE		Satin Weave Fiberglass	
COLOR and COATING		Gray Fluorocarbon	
POROSITY		.01 CFM	

DATA SHEET 13293

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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