



ALPHA

engineered composites

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ALPHA MARITEX
 STYLE FCF-1800

DESCRIPTION

Alpha Maritex Style FCF-1800 is a fluorocarbon impregnated and coated fiberglass fabric designed for use in removable blankets as a weather/chemical resistant barrier. This quality grade fabric is easily sewn and is flexible enough to conform to intricate shapes. The fluorocarbon coating is extremely resistant to most industrial chemicals and has been in applications to 600° F.

APPLICATIONS

Removable blankets for valves, flanges, pumps, instrumentation and freeze protection.

ADVANTAGES

- Low Flammability
- Good Chemical Resistance
- Excellent Cleanability
- Excellent Abrasion Resistance
- Minimal Smoke Levels

PROPERTY DATA
 STYLE FCF-1800

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>TYPICAL VALUES</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	18.0 oz./sy	612 g/m ² nominal
THICKNESS	ASTM-D-1777	0.018" ± .001"	0.457 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp- 410 lbs./in. Fill- 350 lbs./in.	71.44 kg/cm 53.58 kg/cm
MULLEN BURST	ASTM-D-3786	650 psi	45.5 kg/cm ²
FLAME RESISTANCE	ASTM-D-6413	Char Length 1 inch. max. Afterglow 1 sec. max. Flameout 1 sec. max	2.54 cm max. 1 sec. max. 1 sec. max
COLOR		Gray (Both Sides); 26% Resin Content	
TEMPERATURE RESISTANCE		Continuous : -150 °F to 600 °F Intermittent : 550 °F	-101 °C to 315 °C
BASE FABRIC AND WEAVE		Satin Weave Fiberglass	

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

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