



# ALPHA

engineered composites

145 Lehigh Avenue, Lakewood, NJ 08701  
T: 732.634.5700 F: 732.634.1430 alphainc.com

## ALPHA MARITEX STYLE FCF-3400

### DESCRIPTION

Alpha Maritex Style FCF-3400 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-3400

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>		<u>METRIC</u>
WEIGHT	ASTM-D-3776	34 oz./sy		612 g/m <sup>2</sup> nominal
THICKNESS	ASTM-D-1777	0.034" ± .001"		0.406 mm ± .025 mm
TENSILE STRENGTH	ASTM-D-5034	Warp-	600 lbs./in.	71.44 kg/cm
		Fill-	520 lbs./in.	53.58 kg/cm
MULLEN BURST	ASTM-D-3786	650 psi		45.5 kg/cm <sup>2</sup>
FLAME RESISTANCE	ASTM-D-6413	Char Length	1 inch. max.	2.54 cm max.
		Afterglow	1 sec. max.	1 sec. max.
		Flameout	1 sec. max	1 sec. max
COLOR		Gray (Both Sides); 26% Resin Content		
TEMPERATURE RESISTANCE		Continuous : -150 °F to 600 °F		-101 °C to 315 °C
		Intermittent : 550 °F		
BASE FABRIC AND WEAVE		Satin Weave Fiberglass		

DATA SHEET: 14033 REV: C DATE: 12/6/17 \*All values are nominal unless otherwise specified.

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

All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.