



# ALPHA

engineered composites

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

ALPHA - MARITEX  
 STYLE FCF-1650 MET

DESCRIPTION

Alpha Maritex Style FCF-1650 MET is a metallic fluorocarbon coated fiberglass fabric designed for use in removable blankets as a weather/chemical resistant barrier. The metallic fluorocarbon coating offers superior radiant heat resistance over conventional non-metallic fluorocarbon coatings and silicone coated fabrics. The fluorocarbon coating is extremely resistant to most industrial chemicals thus making it ideal for harsh environments. FCF-1650 MET will withstand temperatures as low as -150 °F to a high of 600 °F and will maintain its integrity.

APPLICATIONS

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

ADVANTAGES

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

PROPERTY DATA  
 STYLE FCF-1650 MET

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>	
		<u>ENGLISH</u>	<u>METRIC</u>
WEIGHT	ASTM-D-3776	16.5 oz/sy ± 10%	561 g/m <sup>2</sup> ± 10%
THICKNESS	ASTM-D-1777	0.016" ± 10%	0.381 mm ± 10%
TENSILE STRENGTH	ASTM-D-5034	Warp- 400 lbs/inch Fill- 300 lbs/inch	71.44 kg/cm 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. Afterglow 1 second max. Flame Out 1 second max.	2.54 cm max. 1 second max. 1 second max.
TEMPERATURE RESISTANCE	FED SPEC HHB-100B	-150 °F to 600 °F	-101 °C to 315 °C
UV RESISTANCE	ASTM-G-154	1000 hrs; no change in tensile	
BASE FABRIC and WEAVE		Fiberglass/Satin Weave	
COLOR		Metallic Silver	

DATA SHEET: 13552 REV: E DATE: 1/19/16 \*All values are nominal unless otherwise specified.

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

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