



ALPHA

engineered composites

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

ALPHA - MARITEX
 STYLE 84215/9383

DESCRIPTION

Alpha Maritex Style 84215/9383 meets the requirements of Coast Guard Specification 164.009 for fire-retardant material and is included in Military Specification MIL-C-20079H, Type 1, Class 3. It also meets Military Specification MIL-DTL-24244. This fabric does eliminate the health hazards associated with asbestos.

APPLICATIONS

Alpha Maritex Style 84215/9383 has been specifically designed as shipboard lagging and jacketing material for use over insulation where the temperature of the insulated surface is between 125 °F (52 °C) and 500 °F (260 °C). It was also designed to replace 1.05 and 1.11 lb/syd asbestos fabric grades UG, AA, AAA, and AAA-M on turbine blankets, fittings, flange covers, engine exhaust pipes and pipe and duct lagging.

ADVANTAGES

Alpha Maritex Style 84215/9383 is finished with treatment #9383 to set the weave and reduce fraying when cut. The finish also removes a large percentage of organic binders on the fabric to enhance handling and weave setting characteristics. Other finishes and coatings are available including Hypalon, Neoprene and silicone.

*This lagging fabric is available red dyed to comply with Federal Standard 595A color chip 31158.

PROPERTY DATA
 STYLE 84215/9383

<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>		<u>METRIC</u>
WEIGHT	ASTM-D-3776	8.5 oz/sy ± 10%		289 g/m ² ± 10%
THICKNESS	ASTM-D-1777	0.018" ± 10%		0.457 mm ± 10%
TENSILE STRENGTH	ASTM-D-579	Warp-	100 lbs/inch	17.86 kg/cm
		Fill-	45 lbs/inch	8.04 kg/cm
FLAME RESISTANCE	ASTM D-6413	Char Length	1 inch max.	2.54 cm max.
		Afterglow	1 second max.	1 second max.
		Flame Out	1 second max.	1 second max.
TEMPERATURE RESISTANCE	Service Temperature	+1000 °F		+538 °C
ENDS PER INCH	ASTM-D-3775	18 (±2) x 14 (±2)		
WIDTHS	ROLL LENGTH			
36" (91.44 cm)	50 YD.(45.72 m)			
48" (121.9 cm)	50 YD			
60" (152.4 cm)	50 YD			

*Material may suffer some degradation of physical properties (tensile strength) after extended periods at elevated temperatures.

DATA SHEET: 12681 REV: E DATE: 03/18/2013 *All values are nominal unless otherwise specified.

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

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