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## **ALPHA - MARITEX** STYLE 1700-S

## **DESCRIPTION**

Alpha Maritex Style 1700-S is a fiberglass fabric coated with a specially formulated dry silicone rubber. This special high temperature, flame retardant silicone rubber provides greater life and improves resistance to abrasion, tear and puncture and increases flexibility.

## **ADVANTAGES**

Aluminum Color, UV Resistant, Low Smoke, Water and Oil Resistant, Can be Easily Sewn, Flame Retardant, "Dry" Feel, Chemical Resistant, Easy to Fabricate.

## **APPLICATIONS**

Removable Insulation Blankets, Welding Curtains, Flange Covers, Expansion Joints, Equipment Covers, Safety Clothing. This product is designed specifically for high temperature (500 °F) removable blankets, and flange and valve covers where a very soft and flexible fabric is desired or needed.

		PROPERTY DAT	·A		
		STYLE 1700-S			
CHARACTERISTIC	METHOD	<u>VALUES</u> *			
		<u>ENGLISH</u>		<u>METRIC</u>	
WEIGHT	ASTM-D-3776	17.0 oz/sy ± 10%		578 g/m <sup>2</sup> ± 10%	
THICKNESS	ASTM-D-1777	0.015" ± .001"		0.381 mm ± .025 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	300 lbs/ in.	53.58 kg/cm	
		Fill-	225 lbs./in	40.19 kg/cm	
	ASTM-D-5587	Warp-	50 lbs.	22.68 kg	
		Fill-	50 lbs.	22.68 kg	
BURST STRENGTH	ASTM-D-3786	600 PSI		42 kg/cm	
FLAME RESISTANCE	ASTM D-6413	Char Length	.3" max.	0.762 cm max.	
		Afterglow	1 sec. max.	1 sec. max.	
		Flame Out	1 sec. max.	1 sec. max.	
TEMPERATURE RESISTANCE		-67 °F to +500	) °F	-55 °C to 260 °C	
UV RESISTANCE	ASTM-G-154	1000 hrs; no o	1000 hrs; no change in tensile		
BASE FABRIC and WEAVE		Fiberglass/Sat	Fiberglass/Satin Weave		
COLOR and COATING		Silver Silicone	Silver Silicone		

DATA SHEET: 13270 REV: E DATE: 9/28/15 \*All values are nominal unless otherwise specified. Specializing in marine, aerospace, automotive and commercial fabrics for thermal and industrial applications

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