



ALPHA

engineered composites

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ALPHA - MARITEX				
STYLE 1700-S HESS GREEN				
<u>DESCRIPTION</u>				
Alpha Maritex Style 1700-S Hess Green 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.				
<u>ADVANTAGES</u>				
Green Color, Low Smoke, Water and Oil Resistant, Can be Easily Sewn, Flame Retardant, Chemical Resistant, Easy to Fabricate.				
<u>APPLICATIONS</u>				
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 DATA				
STYLE 1700-S HESS GREEN				
<u>CHARACTERISTIC</u>	<u>METHOD</u>	<u>VALUES*</u>		
		<u>ENGLISH</u>	<u>METRIC</u>	
WEIGHT	ASTM-D-3776	17.5 oz/sy ± 10%	595 g/m ² ± 10%	
THICKNESS	ASTM-D-1777	0.016" ± .001"	0.406 mm ± .025 mm	
TENSILE STRENGTH	ASTM-D-5035	Warp-	300 lbs/ in.	53.58 kg/cm
		Fill-	225 lbs./in	40.19 kg/cm
BURST STRENGTH	ASTM-D-3786	600 PSI	42 kg/cm ²	
FLAME RESISTANCE	ASTM D-6413	Char Length	.3" max.	0.762 cm max.
		Afterglow	3 sec. max.	3 sec. max.
		Flame Out	1 sec. max.	1 sec. max.
TEMPERATURE RESISTANCE		-67 °F to +500 °F	-55 °C to 260 °C	
BASE FABRIC and WEAVE		Fiberglass/Satin Weave		
COLOR and COATING		Hess Green Silicone		

DATA SHEET: 14158 REV: B DATE: 10/16/15 *All values are nominal unless otherwise specified.

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

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