



ALPHA - WELD STYLE 35				
<u>DESCRIPTION</u>				
Alpha Weld Style 35 is an extremely heavy weight fiberglass made with highly texturized yarn creating a very "bulky" fabric. It is available in three different finishes - GR (Greige or Loomstate), WS (Weave Set Finish) or VCF (Vermiculite Coating for high temperature protection.)				
<u>APPLICATIONS</u>				
Alpha Weld Style 35 is intended for uses where a heavy weight, thick (insulative) fabric is required with high heat resistance. The WS finish facilitates fabrication by reducing raveling and fraying of cut edges. The VCF (Vermiculite Coating) finish provides a combination of high heat resistance and weave stability for use in fabrication items, such as mitts, gloves, aprons, removable blankets, expansion joints and strip curtains. Available in 40" (101.6 cm) and 60" (152.4 cm) widths.				
PROPERTY DATA STYLE 35				
CHARACTERISTIC	METHOD	VALUES*		
		ENGLISH	METRIC	
WEIGHT	ASTM-D-3776	35 oz/sy ± 10%	1190 g/m <sup>2</sup> nominal	
THICKNESS	ASTM-D-1777	0.080" ± 10%	1.524 mm ± 10%	
TENSILE STRENGTH	ASTM-D-5035	Warp- 470 lbs./inch	83.94 kg/cm	
		Fill- 250 lbs. / inch	44.65 kg/cm	
ENDS/INCH	ASTM D-3775	Warp - 10, Fill - 8		
TEMPERATURE RESISTANCE		GR and WS - 1000 F	538°C :649 °C : 816 °C	
		VCF - 1200 °F Continuous 1500 °F Intermittent		
BASE FABRIC and WEAVE		Fiberglass/Plain Weave		
COLOR and COATING		GR, WS - White, VCF-Tan		
*Material may suffer some degradation of physical properties after extended periods at elevated temperature. Finishes: GR - Greige or Loomstate, WS - Weave Set, VCF - Vermiculite Coated				

DATA SHEET: 13098 REV: C DATE: 09/15/14 \*All values are nominal unless otherwise specified.

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

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