**DESCRIPTION**

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.)

**APPLICATIONS**

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 ravelling 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**

<table>
<thead>
<tr>
<th>CHARACTERISTIC</th>
<th>METHOD</th>
<th>ENGLISH</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEIGHT</td>
<td>ASTM-D-3776</td>
<td>35 oz/sq yd ± 10%</td>
<td>1190 g/m² nominal</td>
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<tr>
<td>THICKNESS</td>
<td>ASTM-D-1777</td>
<td>0.080&quot; ± 10%</td>
<td>1.524 mm ± 10%</td>
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<tr>
<td>TENSILE STRENGTH</td>
<td>ASTM-D-5035</td>
<td>Warp- 470 lbs./inch</td>
<td>83.94 kg/cm</td>
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<td></td>
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<td>Fill- 250 lbs. / inch</td>
<td>44.65 kg/cm</td>
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<tr>
<td>ENDS/INCH</td>
<td>ASTM D-3775</td>
<td>Warp- 10, Fill - 8</td>
<td></td>
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<tr>
<td>TEMPERATURE RESISTANCE</td>
<td></td>
<td>GR and WS - 1000 °F</td>
<td>538°C, 649 °C : 816 °C</td>
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<tr>
<td></td>
<td></td>
<td>VCF - 1200 °F Continuous</td>
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<td>1500 °F Intermittent</td>
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<tr>
<td>BASE FABRIC and WEAVE</td>
<td></td>
<td>Fiberglass/Plain Weave</td>
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<tr>
<td>COLOR and COATING</td>
<td></td>
<td>GR, WS - White, VCF-Tan</td>
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</tbody>
</table>

*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