



## TTT-WELD-3500

### 1 DESCRIPTION

TTT-WELD-3500 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.)

### 2 APPLICATIONS

TTT-WELD-3500 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.

### 3 ADVANTAGES

Due to the fact that TTT-WELD-3500 is a texturized fiber glass plain weave fabric, it is extremely durable with a high tensile strength and can handle temperatures up to 1200°F.

### 4 PROPERTY DATA

| Characteristics:       | Method:     | English Values:   | Metric Values:   |
|------------------------|-------------|---|--|
| Weight                 | ASTM-D-3776 | 35.0 oz/sy +/- 10%  | 1190 g/m <sup>2</sup> +/- 10%  |
| Thickness              | ASTM-D-1777 | 0.080” +/- 10%  | 1.5424 mm +/- 10%  |
| Tensile Strength       | ASTM-D-5035 | Warp: 470 lbs/in<br>Fill: 250 lbs/in                                    | Warp: 83.94 kg/cm<br>Fill: 44.65kg/cm  |
| Ends/Inch              | ASTM-D-3775 | Warp: 10<br>Fill: 8   |  |
| Temperature Resistance | N/A         | GR and WS: 1000°F<br>VCF: 1200°F continuous<br>VCF: 1500°F intermittent | 538°C : 649°C : 816°C<br>VCF: 648.89 °C continuous<br>VCF: 815 °C intermittent |
| Base Fabric and Weave  | N/A         | Fiberglass/Plain weave  |  |
| Color:                 | N/A         | GR, WS: White; VCF: Tan   |  |

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