



WHEN THE **HEAT** IS ON, KEEP YOUR COOL WITH **AVS!**

**TDS-26**  
**May 2019**

## **AVS FIBERGLASS FG2025**

### **Product Description**

**AVS Fiberglass FG2025** is a lightweight plain weave E-glass based fabric made from texturized fiberglass yarn. **AVS Fiberglass FG2025** can be supplied as a Greige (GR) loom state fabric, Heat Treated (HT), or surface finished (H) with an AVS proprietary treatment. **AVS Fiberglass FG2025** is a versatile E-glass fiberglass fabric that can be used for a variety of high temperature industrial applications.

### **Applications**

**AVS Fiberglass FG2025** is typically utilized for light welding hot work operations in the form of a curtain or blanket that involves light to heavy sparks with minimal molten metal slag. **AVS Fiberglass FG2025** is also excellent for textile part fabrication for industrial applications. **AVS Fiberglass FG2025** can be easily sewn into complex shapes to meet a variety of end use applications like removable insulation covers, welding curtains, thermal pads, and protective valve covers. **AVS Fiberglass FG2025** retains excellent strength and pliable at continuous temperature requirements below 800°F (427°C).

### **Features**

- Excellent handling properties and abrasion resistance
- Good Tensile strength

### **Technical Data Properties**

Nominal Weight, oz/yd <sup>2</sup> (g/m <sup>2</sup> )	18 (610)
Nominal Thickness, inches, (m)	0.030 (0.762)
Base Fabric Fiberglass	Texturized Plain Weave
Filament Diameter, microns	G (9)
Nominal Constructions, Ends/in	20 Warp X 14 Fill
Tensile Strength, lbs./in	200 Warp, 150 Fill
Maximum Intermittent Temperature, °F (°C)	1000 (538)

#### **NOTES:**

1. Standard roll width is 60 inches (152 cm); other widths are available.
2. Standard roll length is 50 yards (45.7 meters).
3. Fabric color is tan.

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the **FG2025 Fiberglass Fabric**. **FG2025 Fiberglass Fabric** will have varying degrees of effectiveness for each potential application depending on the maximum temperature attained, the length of use, and the amount of temperature fluctuation. If the customer has any questions regarding the use of **FG2025 Fiberglass Fabric** in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the **FG2025 Fiberglass Fabric** for testing. This product is not warranted against injuries or damages of any kind caused by uses for which this product was not designed, intended, or tested by AVS Industries.