



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

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AVS FIBERGLASS FG35HT

Product Description

AVS Fiberglass FG35HT is a medium weight plain weave E-glass based fabric made from texturized fiberglass yarn. **AVS Fiberglass FG35HT** has been heat treated to remove sizing and chemical additives on the fibers that were applied during the weaving process. This fabric can also be supplied as a Greige (GR) or loom state fabric or with an AVS Proprietary Treatment (H) to improve handling properties. **AVS Fiberglass FG35HT** is a versatile E-glass fiberglass fabric that can be used for a variety of high temperature industrial and welding protection applications.

Applications

AVS Fiberglass FG35HT is typically used for light to medium hot work operations in the form of a curtain or blanket that involves welding sparks with minimal molten metal slag. **AVS Fiberglass FG35HT** is also excellent for textile part fabrication for industrial applications. **AVS Fiberglass FG35HT** 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 with continuous temperature requirements below 800°F (427°C).

Product Features

- Resists most chemicals except acids and caustic
- Excellent handling properties and abrasion resistance
- Good tensile strength
- Satisfactory resistance to UV, oil, and water

Technical Data

Nominal Weight, oz/yd ² (g/m ²)	35 (1187)
Nominal Thickness, inches (mm)	0.050 (1.27)
Base Fabric Fiberglass	Texturized Plain Weave
Filament Diameter, Microns	G (9)
Nominal Constructions, Ends/in.	11 Warp X 10 Fill
Tensile Strength, lbs./in.	593 Warp, 431Fill
Service Temperature, °F (°C)	Up to 1,000 (538)

NOTES:

1. Standard roll length - 50 yards (45.72 meters)
2. Standard roll width - 60 inches (152.4 cm)

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the **FG35HT Fiberglass Fabric**. **FG35HT 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 **FG35HT Fiberglass Fabric** in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the **FG35HT 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.