



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

TDS-140
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AVS FIBERGLASS FG64HT

Product Description

AVS Fiberglass FG64HT is an ultra-heavyweight plain weave E-glass based fabric made from texturized fiberglass yarn that has been treated with a high temperature vermiculite coating on both sides of the fabric. The base fabric was heat treated prior to the application of the vermiculite to improve the bonding of the vermiculite to the fabric. **AVS Fiberglass FG64HT** is a versatile fiberglass fabric that can be used for a variety of high temperature industrial applications.

Applications

AVS Fiberglass FG64HT is typically used for welding hot work operations in the form of a curtain or blanket that involves welding sparks with moderate to heavy molten metal slag. **AVS Fiberglass FG64HT** is also excellent for textile part fabrication for industrial applications. **AVS Fiberglass FG64HT** can be easily sewn into complex shapes to meet a variety of end use applications like welding curtains or pads, thermal pads, and protective valve covers with continuous temperature requirements below 800°F.

Product Features

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

Technical Data

Nominal Weight, oz./yd ² (Grams/M ²)	64 (2170)
Nominal Thickness, inches (mm)	0.125 (3.175)
Base Fabric Fiberglass	Texturized Plain Weave
Filament Diameter, Microns	G (9)
Maximum Intermittent Temperature, °F (°C)	1000 (538°C)

NOTES:

1. Roll Length: yards (meters) 25 (22.86)
2. Width, inches. (meters) 40 (101.6), 60 (1.524)

AVS Industries cannot predict all of the potential applications for which customers may attempt to use the **AVS FG64HT Fiberglass Fabric**. **AVS FG64HT 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 **AVS FG64HT Fiberglass Fabric** in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the **AVS FG64HT 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.