



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

TDS-118
May 2019

AVS FIBERGLASS FG24HT

Product Description

AVS Fiberglass FG24HT is a medium weight plain weave E-glass based fabric made from texturized fiberglass yarn. **AVS Fiberglass FG24HT** 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 FG24HT** 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 FG24HT 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 FG24HT** is also excellent for textile part fabrication for industrial applications. **AVS Fiberglass FG24HT** 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)	24 (814)
Nominal Thickness, inches (m)	0.045 (1.143)
Base Fabric Fiberglass	Texturized Plain Weave
Filament Diameter, Microns	G (9)
Nominal Constructions, Ends/in.	10 Warp X 10 Fill
Tensile Strength, lbs./in.	400 Warp, 400 Fill
Maximum Intermittent Temperature, °F(°C)	Up to 1000 (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 **FG24HT Fiberglass Fabric**. **FG24HT 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 **FG24HT Fiberglass Fabric** in a particular application, please contact AVS Industries at (302) 221-1720 and we will provide a sample of the **FG24HT 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.