



SERVICING THE WORLD WITH HIGH TEMPERATURE TEXTILES

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FIBERGLASS 2025 HTH

Product Description

This fabric is made from texturized fiberglass yarn with the heat treated (HT) condition with a hydrocarbon (H) finish. The hydrocarbon surface coating improves handling properties while helping to minimize any dermatitis issues. Typically used for light welding protection or the fabrication of removable covers or other textile parts. It has great use versatility with improved handling properties and meets the following specifications:

- United States Coast Guard – Incombustibility USGC #164.009
- Military Specification MIL-C-0020079F (SH), Type 1, Class 9
- Military Specification – Leachable Chloride MIL-I-24244C (SH)
- National Fire Protection Association – Incombustibility NFPA #701
- Underwriters Laboratory – Surface Burning UL #723
- Underwriters Laboratory – Flame Propagation UL #214

Features

- Resists most chemicals except acids and caustic
- Excellent handling properties
- Excellent abrasion resistance
- Good Tensile strength
- Satisfactory resistance to UV, oil & water
- Standard roll width of 40 and 60 inches
- Standard roll length of 50 yards

Technical Data

| PROPERTIES | FIBERGLASS 2025 HTH |
|-------------------------------------|------------------------|
| Nominal Weight, oz./yd ² | 18 |
| Nominal Thickness, in. | 0.030 |
| Base Fabric Fiberglass | Texturized Plain Weave |
| Filament Diameter, Microns | G (9) |
| Nominal Constructions, Ends/in. | 20 Warp X 14 Fill |
| Width, in. | 40, 60 |
| Tensile Strength, lbs/in. | 200 Warp, 150 Fill |
| Service Temperature, °F | Up to 1,000°F |



This product has been tested and approved to FM Standard (Class 4950) FM Approval ID # 3039551 as a Welding Curtain* for use in hot work operations.

** Welding curtain is a heat resistant fabric designed to be placed in the vicinity of a hot work operation. Welding curtains are intended for use in vertical applications with light to moderate exposures such as that resulting from chipping, grinding, heat treating, sand blasting and light horizontal welding. They are designed to prevent sparks from escaping a confined area.*

AVS Industries, LLC cannot predict all of the potential applications for which customers may attempt to use the Fiberglass 2025 HTH fabric. Fiberglass fabrics 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 fiberglass 2025HTH in a particular application, please contact AVS Industries, LLC at (302) 221-1720 and we will provide a sample of the 2025 HTH 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, LLC.