



Aluminum Foil Coated High Temperature & Radiant Heat Reflective Fabric / Cloth: MIL Spec & Standard
300°F / 149°C DeltaGlass™ Continuous Standard Grade and 500°F / 260°C Continuous (600°F / 315°C Intermittent) High Temperature Grade



- Base material is partially heat treated to remove organics, set the weave dimensionally and reduce fray and loose fibers.
- Meets USCG 164.009 due to low adhesive content.
- Protection from radiant heat. One side is coated with a 1 mil (.001”) thickness aluminum foil. Reflects more than 95% of the radiant heat that contacts its surface. Excellent radiant heat protection from sources such as super-hot metal slabs, proximity to liquid metal, infrared heaters, open flame / plasma or engine exhaust manifolds.
- Available in two temperature ratings based on type of laminating adhesive.
- Used in Marine and nuclear applications as a flange shield material due to its excellent vapor barrier and water/oil resistance.

Meets MIL-C-20079G Type 1 Class 10
Meets MIL-I-24244B / USCG 164.009 / NRC Guide 1.36

The aluminum coating melts at 1220°F / 660°C, however it does take some time for the aluminum to absorb enough heat to melt – thereby it can withstand short exposure to higher temperatures. The base fabric has a rating of 1000°F continuous and higher short term exposure. **For applications not requiring the MIL spec material, our most popular Standard grade aluminized fabric is highlighted in yellow in the table below.**

| DeltaGlass™ Mil Spec Aluminized Radiant Heat Reflective Protection Fabric | | | | |
|--|---------------------------------|----------------------------|-----------------------------|------------------------------|
| Part Number | Weight oz/yd² | Thickness in inches | Roll width in inches | Price per Linear Yard |
| DeltaGlass Aluminum Foil Coated Fiberglass MIL Spec 500°F / 260°C | | | | |
| F-FG-AL-MIL-HT-2660-20 | 19.5 | .026 | 60 | \$ 57.64 |
| DeltaGlass Aluminum Foil Coated Fiberglass Standard Grade: 1 yard minimum | | | | |
| F-FG-AL-RHR-3060-21 | 21 | .030 | 60 | \$ 47.07 |
| F-FG-AL-RHR-6040-35 | 35 | .060 | 40 | \$ 35.88 |
| F-FG-AL-RHRHD-7560-42* | 42 | .075 | 60 | \$ 66.71 |

- Full rolls are 50 yards / 150 feet / 45.7 metres long. Minimum purchase for MIL spec is 15 yards.
- * HD fabric has 3mil thick aluminum foil: our heaviest heat reflective fabric
- PSA adhesive on the back side is available by special order