

**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. The 300°F / 149°C Continuous Standard Grade and 500°F / 260°C Continuous (600°F / 315°C Intermittent) High Temperature Grade rating is set by the limit of the laminating adhesive, which will smoke off above the limit. **For applications not requiring the MIL spec material, our most popular Standard grade aluminized fabric is highlighted in yellow in the table below.**

<b>DeltaGlass™ Mil Spec Aluminized Radiant Heat Reflective Protection Fabric</b>				
<b>Part Number</b>	<b>Weight oz/yd<sup>2</sup></b>	<b>Thickness in inches</b>	<b>Roll width in inches</b>	<b>Price per Linear Yard</b>
DeltaGlass Aluminum Foil Coated Fiberglass MIL Spec 300°F / 149°C				
F-FG-AL-MIL-2636-20	19.5	.026	36	\$ 38.33
F-FG-AL-MIL-2648-20	19.5	.026	48	\$ 42.71
F-FG-AL-MIL-2660-20	19.5	.026	60	\$ 49.33
DeltaGlass Aluminum Foil Coated Fiberglass MIL Spec 500°F / 260°C				
F-FG-AL-MIL-HT-2636-20	19.5	.026	36	\$ 44.91
F-FG-AL-MIL-HT-2648-20	19.5	.026	48	\$ 49.37
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