

**AFG1860F:  
21oz Aluminized Fiberglass Cloth**

**Description:**

AFG1860F is a plain-woven fiberglass cloth with a layer of aluminum laminated on one side using a specialized adhesive. This adhesive allows the cloth to withstand higher temperatures for a longer duration than competing fabrics, resulting in higher durability and dependability. This combination of materials creates a flexible material that is resistant to heat, chemicals, moisture, and corrosion; commonly used in a variety of applications.

**Advantages:**

- Heat/fire resistant
- Chemical resistant
- Moisture & corrosion resistant
- Abrasion/tearing/puncture resistant
- Flexible

**Applications:**

- Welding blankets/curtains
- Expansion joints
- High-temperature insulation
- Heat shields/heat containment
- Heat reflecting barriers
- Removable insulation covers
- Safety clothing



**Property Data  
AFG1860F**

Base cloth content/weave	100% E-Fiberglass Yarn/Plain
Fabric finish/Color	Laminated aluminum foil
Weight	Base cloth: 18oz/yd <sup>2</sup> Finished fabric: 21oz/yd <sup>2</sup>
Thickness	0.035"
Temperature resistance	Working temperature: 1000°F (540°C) Aluminum foil: 1200°F (648°C) Adhesive: 570°F (300°C)
Tensile Strength (lbs/in)	Warp: 250 lbs/in Fill: 200 lbs/in
Tear Strength (lbs)	Warp: 35 lbs Fill: 35 lbs
Size	60" * 50 yards