

AFG18 21oz Aluminized Fiberglass Cloth

AFG18 ANSI/FM4950 APPROVED

Description:

Acmetex 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 ² Finished fabric: 21oz/yd ²
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)	250
Tear Strength (lbs)	35
Size	60" * 50 yards