



FIBERGLASS FABRIC CLOTH

High Temperature, Heat & Flame Resistant Thermal Insulating

1000°F / 537°C Continuous Exposure: Higher Intermittent



High temperature, heat and flame resistant thermal insulating fiberglass fabric fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1000°F / 520°C. It is used to protect equipment, wires, cables, hoses, tubing and pipes. This high temperature fabric provides thermal insulation and personnel protection.

These high temperature fabrics are often used to fabricate insulated equipment covers, welding curtains and blankets.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Available in the following finishes:

- Plain
- Heat Treated
- Vermiculite Coated,
- PTFE (teflon) Coated
- Aluminum Foil Coated one side
- PSA (Pressure Sensitive Adhesive).





VERMICULITE COATED FIBERGLASS FABRIC

Very High Temperature, Heat & Flame Resistant Thermal Insulating

1500°F / 815°C Continuous Exposure: Higher Intermittent



This high temperature, heat and flame resistant thermal insulating vermiculite coated fiberglass fabric will withstand temperatures of 1500°F / 815°C continuous exposure. The base High Temperature fiberglass fabric is fabricated from high quality type E fiberglass that will not burn. The fabric is then coated with a vermiculite dispersant.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

Applications for this product include welding blankets and curtains, heat shields, etc.

The vermiculite coating also adds abrasion resistance to the fabric.

Available in 5 weights/thicknesses and 40" or 60" widths. Roll length 50 yards.

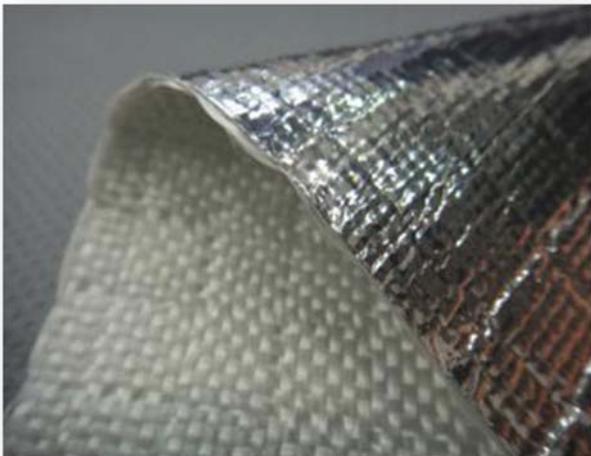


RADIANT HEAT REFLECTING ALUMINUM COATED FIBERGLASS FABRIC

High Temperature, Heat Resistant;

Meets MIL-C-20079 (Type 1, Class 10) / MIL-I-24244 / USCG 164.009 / NRC Guide 1.36

**300°F / 149°C Continuous Standard Grade and
500°F / 260°C Continuous (600°F / 315°C Intermittent) High
Temperature Grade**



The base fiberglass material is partially heat treated to remove organics, set the weave dimensionally and reduce fray and loose fibers.

Provides protection from radiant heat. One side is coated with a 1mil (.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.

Designed for long-term continuous operation at 300°F / 149°C or 500°F / 260°C (intermittent 600°F / 315°C) this fabric will withstand short duration exposure up to 1115°F / 600°C. 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 the higher temperatures.

Fabric weight is 19.5 oz/sq/yd. Roll width is 36, 48 and 60 inches..

This fabric is also available with a self-adhesive backing. The adhesive is acrylic based, and will burn-off or vaporize at temperatures above 400°F. If prolonged use of the self-adhesive fabric above 400°F is desired, then alternate securing methods such as fasteners, wire or clamps should be used. Personnel should avoid inhaling fumes from the PSA.



HH-P-31F TY 1, CL 1 High Temperature Fabric: Heat & Flame Resistant Asbestos Replacement

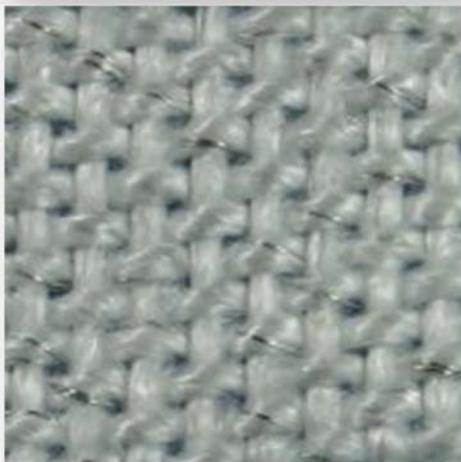
1000°F / 537°C CONTINUOUS RATING



This high temperature fabric is a non-asbestos replacement fabric, made from high temperature, heat & flame resistant fiberglass fabric with an interwoven stainless steel wire which accounts for 10% of the fabric's weight. If you look carefully at the photo, you can see the stainless wires.

Each yarn is composed of three fiberglass filaments, interwoven with 2 wires, each stainless steel (0.0045" diameter), all twisted together.

This provides a very dense and strong very high temperature wire mesh / fiberglass fabric with excellent tensile strength of 225 lbs Warp and 125 lbs Fill.



This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.



Shipboard Applications:

- *Diesel Exhaust*
- *Gas Turbine Exhaust*
- *Exhaust Inspection Cover Lids*
- *Boiler Furnace Doors*



**Heat Cleaned Fiberglass Fabric
meeting US Coast Guard 164.009 and MIL-C-20079
(Type 1, Class 9)
High Temperature, Heat Resistant**

1200°F / 648°C Continuous Premium Grade



This premium grade high temperature and heat resistant woven fiberglass cloth is heat treated to remove organics, set the weave dimensionally and reduce fray and loose fibers. Meets MIL-C-20079 (type I, Class 9) and US Coast Guard 164.009.

Used in marine and nuclear applications as a covering for insulation and board.

Designed for continuous operation at 1200°F / 648°C

Fabric weight is 18.0 oz/sq/yd. Roll width is 40 and 60 inches.

This fabric is also available with a self-adhesive backing. The adhesive is acrylic based, and will burn-off or vaporize at temperatures above 400°F. If prolonged use of the self-adhesive fabric above 400°F is desired, then alternate securing methods such as fasteners, wire or clamps should be used. Personnel should avoid inhaling fumes from the PSA.