



PREMIUM QUALITY MIL SPEC FIBERGLASS CLOTH

An AMATEX woven thermoglass fabric which has been heat treated to a natural heat treated shade, or dyed red. Applications include welding protection, curtain materials, and insulation fabric. Resistant to most chemicals, offers good thermal protection to temperatures up to 1000 degrees F.

About AMATEX Corporation

Amatex manufactures industrial heat resistant textiles featuring Thermoglass™ fiberglass products, silica fabrics, and proprietary treated and coated products. These items include broad woven roll goods and narrow products in the form of woven and knitted tapes, sleeving, rope, and gasketing. With fiberglass and silica as the base textile, Amatex offers top and immersion coatings of Silicone, Teflon, Vermiculite, Neoprene, and Acrylic. Heat treating, dyeing, and coloration of the coatings are also available.

Amatex fabrics are commonly used in the following applications:

- Welding Cloth
- Foundry Cloth
- Insulation Cloth
- Heat Shield
- Gasketing
- Marine Insulation
- Industrial Insulation
- Pad Cloth
- Fire Barriers
- Fire Curtains
- Industrial Belting
- Filtration
- Expansion Joints
- Protective Clothing

Over 100 Years

Proud American Manufacturers of Industrial Textiles



Premium Quality Fiberglass Cloth Data Sheet

G19P33- -31 (generic 2025/9383)	
Base Fabric	100% Fiberglass
Color/Appearance	Heat Treated or Red
Available Widths, standard	30", 40", 60", 72" (0.75, 1.0, 1.5, 1.8m)
Roll Length, yards	50 (45.7m)
Weave Style	Plain
Fabric Weight, oz./sq yd, average	17.7 +/- 10% (602 gm/sq.m)
Fabric Thickness, inches	0.030 (0.76mm)
Warp Strength, lbs/in.	200.0 (90 Kg/2.54cm)
Fill Strength, lbs/in.	100.0 (45.5 Kg/2.54cm)
Abrasion Resistance	Medium
Temperature Tolerance	To 1000 deg. F (540 deg. C)
Chemical Resistance	Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride
Solvent Resistance	Excellent
Sunlight & Age Resistance	Excellent
Electrical Properties	High dielectric strength, low constants
Available Finishes	
Finish Number	31, Heat Treated; 42 PVC Binder; Red Available, See Fabric Finish Options data sheet
Certifications	MIL-C-20079 MIL-I-24244 US Coast Guard 164.009 NRC 1.36

All data +/- 10%. All data intended as general information and no warranties, guarantees, or claims of fitness for use are expressed or implied by AMATEX Corporation. 514



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