



## PREMIUM QUALITY MIL SPEC FIBERGLASS CLOTH

An AMATEX woven thermoglass light weight fabric which has been heat treated to a natural tan shade, or dyed red.

Applications include lagging cloth, marine and industrial use, light weight curtain materials.

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

|                                          |                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------|
|                                          | <b>G09P77- -31</b>                                                              |
| <b>Base Fabric</b>                       | Fiberglass                                                                      |
| <b>Color/Appearance</b>                  | Heat Treated, Red Available                                                     |
| <b>Available Widths, standard</b>        | 40", 60" (1.0, 1.5m)                                                            |
| <b>Roll Length, yards</b>                | 50 (45.7m)                                                                      |
| <b>Weave Style</b>                       | Plain                                                                           |
| <b>Fabric Weight, oz./sq yd, average</b> | 8.5 (288 gm/sq.m)                                                               |
| <b>Fabric Thickness, inches</b>          | 0.020 (0.50mm)                                                                  |
| <b>Warp Strength, lbs/in.</b>            | 100.0 (45.4 Kg/2.54cm)                                                          |
| <b>Fill Strength, lbs/in.</b>            | 40.0 (18.2 Kg/2.54cm)                                                           |
| <b>Abrasion Resistance</b>               | Low                                                                             |
| <b>Temperature Tolerance</b>             | To 1000 deg. F (540 deg. C)                                                     |
| <b>Chemical Resistance</b>               | Excellent except Hydrofluoric and hot Phosphoric acid and wet Hydrogen Chloride |
| <b>Solvent Resistance</b>                | Excellent                                                                       |
| <b>Sunlight &amp; Age Resistance</b>     | Excellent                                                                       |
| <b>Electrical Properties</b>             | High dielectric strength, low constants                                         |
| <b>Available Finishes</b>                |                                                                                 |
| <b>Finish Number</b>                     | 31 Heat Treated; Red available; See Fabric Finish Options data sheet            |
| <b>Certifications</b>                    | MIL-C-20079<br>MIL-I-24244<br>US Coast Guard 164.009<br>NRC 1.36                |



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