

## TECHNICAL INFO

GLT 775 is a fiberglass fabric meeting Military Specification MIL-Y-1140C, impregnated with a specially formulated silicone rubber designed to meet the rigid requirements for use in nuclear reactors.

This special high temperature, flame retardant silicone rubber provides greater life and improved resistance to abrasion, flexing, tear and puncture. This product is designed specifically for high temperature (500°F).

### Benefits

- Aluminum color
- Water and oil resistant
- Acid and alkali resistant
- Flame retardant
- Low smoke
- Can be easily sewn
- Can be adhesive bonded or sealed

### Applications

- Removable insulation pad covering
- Flange and valve covers
- Welding curtains and splash shields
- Safety clothing
- Equipment covers
- Flexible connectors (expansion joints)

### Property Data

**Weight:** 34.0 ±10%.

**Thickness:** 0.037" ± .001".

**Tensile Strength:**

**Method:** FED STD 191/5102.

**Warp:** 275 lbs./in. avg.

**Fill:** 250 lbs./in. avg.

**Tear Strength:**

**Method:** FED STD 191/5136.

**Warp:** 65# min. avg.

**Fill:** 55# min. avg.

**Temperature Resistance:**

-67°F to 500°F.

**Base Fabric & Weave:** Fiberglass/  
satin weave.

**Color & Coating:** Silver silicone.

**Burst Strength:**

**Method:** ASTM-D-774.

**Result:** 750 PSI min.

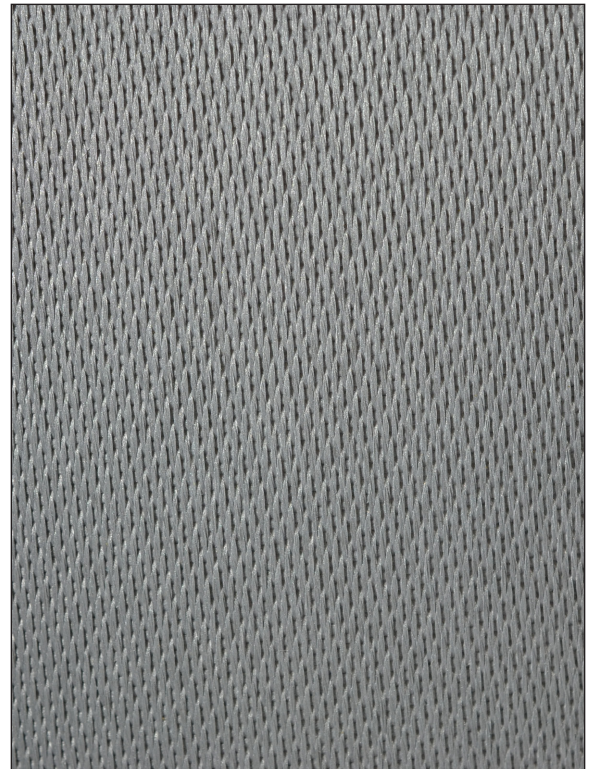
**Flame Resistance:**

**Method:** FED STD 191/5903.2.

**Flame out:** 5 sec. max.

**Afterglow:** 10 sec. max

**Char length:** 1 in. max



All statements herein are expressions of opinion which we believe to be accurate and reliable but are not intended as recommendations for their use in the infringement of any patent. No patent warranty of any kind, express or implied is made or intended.

For more information on GLT Products, please call toll-free at 800.874.1748 or online at [www.gltproducts.com](http://www.gltproducts.com).



Innovative Insulation Systems

**HEADQUARTERS:**

6810 Cochran Road | Solon OH 44139 | 440.914.1122 | 440.914.1133 Fax | **1.800.874.1748**

**DISTRIBUTION CENTERS:**

**Ohio:** 6810 Cochran Road | Solon OH 44139 | 440.914.1122

**North Carolina:** 501 West Camel Street | Greensboro, NC 27401 | 1.800.551.9760

**California:** 4283 Pock Lane #200 | Stockton, CA 95206 | 1.800.833.4500

**Texas:** 8905 Market Street | Houston, TX 77029 | 1.800.874.1748