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SILICONE IMPREGNATED FIBERGLASS CLOTH STYLE 775

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).

ADVANTAGES

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

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