



SILICONE-COATED RUBBER FABRIC

1 DESCRIPTION

Thermal Tech & Temp's Silicone-Coated Rubber Fabric is a fiberglass fabric coated with a specially formulated high-temperature silver silicone coating. This material is FM-approved and manufactured to meet UL701.

2 APPLICATIONS

The major applications for Thermal Tech & Temp's Silicone-Coated Rubber Fabric include welding blankets, removable insulation pad covering, flange and valve covering, welding curtains and splash shields, safety clothing, and expansion joints.

3 ADVANTAGES

The unique properties of Thermal Tech & Temp's Silicone-Coated Rubber Fabric make it water and oil-resistant, flame-retardant, and chemical resistant.

4 PROPERTY DATA

Characteristics:	English Values:	Metric Values:
Weight	34.0 oz/sy +/- 10%	1,152.8 g/m ² +/- 10%
Color	Gray	Gray
Thickness	.037 inches +/- 10%	0.94 mm +/- 10%
Tensile Strength	Warp: 400 lbs/inch Fill: 350 lbs/inch	Warp: 7.14 kg/mm Fill: 6.25 kg/mm
Tear Strength	Warp: 65 lbs Fill: 55 lbs	Warp: 29.48 kg Fill: 24.95 kg
Burst Strength	750 psi	52.73 kg/cm ²
Flame Resistance	Char Length: 1 inch Flame Out: 1 second	Char Length: 2.54 cm Flame Out: 1 second
Temperature Resistance	Cold: -67°F Continuous: 1,000 hours at 500°F, no change Base Fabric: 1,000°F Continuous	Cold: -55°C Continuous: 1,000 hours at 260°C, no change Base Fabric: 538°C Continuous

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