



TTT-SRC-3400

1 DESCRIPTION

TTT-SRC-3400 is a fiberglass fabric impregnated with a specially formulated silicone rubber designed to meet the rigid requirements for use in nuclear reactors. This product is designed specifically for high temperature (500 ° F) removable pads, flange and valve covers. This product can be manufactured to meet the requirements of NRC 1.36 as well as MIL -I-24244. This (Heavy Duty) silicone impregnated fiberglass fabric is used where more wear resistance is needed.

2 APPLICATIONS

TTT-SRC-3400 is intended for removable insulation pad covering, flange and valve covers, welding curtains and splash shields, safety clothing, equipment covers and flexible connectors (expansion joints).

3 ADVANTAGES

The unique properties of TTT-SRC-3400 make it water and oil resistant, acid and alkali resistant, flame retardant, low smoke, easily sewn, adhesive bonded or sealed. The special high temperature, flame retardant silicone rubber provides greater life and improved resistance to abrasion, flexing, tear and puncture.

4 PROPERTY DATA

Characteristics:	Method:	English Values:	Metric Values:
Weight	ASTM-D-3776	34.0 oz/sy +/- 10%	1156g/m ² +/- 10%
Thickness	ASTM-D-1777	.037" +/- 10%	0.940 mm +/- 10%
Breaking Strength	ASTM-D-5034	Warp: 400 lbs/in Fill: 350 lbs/in	Warp: 71.44 kg/cm Fill: 62.51 kg/cm
Tear Strength	ASTM-D-5587	Warp: 65 lbs/min. Fill: 55 lbs/min	Warp: 29.48 kg/min. Fill: 24.95 kg/min.
Burst Strength	ASTM-D-3786	750 psi/min	52.5 kg/sqcm
Flame Resistance	ASTM-D-6413	Char Length: 1" max Afterglow: 1 sec. max Flame Out: 1sec. max	Char Length: 2.54 cm max
Temperature Resistance	N/A	-67°F to 500°F	-55°C to 260°C
Base Fabric and Weave	N/A	Fiberglass/Satin Weave	
Color:	N/A	Silver Silicone	
E-glass fabric	N/A	1200°F Melting Point	649°C Melting Point

***All values are nominal unless otherwise specied. All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.