Thermal Tech & Temp
880 North Madison Street,
Crown Point, Indiana 46307
info@thermaltechtemp.com www.thermaltechtemp.com
sales@thermaltechtemp.com Main Office: 1.219.213.2093
1.800.674.9284

TTT-SIL | 1700 SRC

DESCRIPTION

TTT 1700 SRC is a fiberglass fabric impregnated with silicone rubber. This high temperature, flame retardant silicone rubber provides improved resistance to abrasion, flexing, tear and puncture.This product is designed specifically for high temperature (500 °F) removable insulation blankets for valves, flanges and fittings.

APPLICATIONS

Removable Insulation Blankets, Flange Covers, Welding Curtains, Safety Clothing, Equipment Covers, Expansion Joints

ADVANTAGES

Water and oil resistant, UV resistant, Flame retardant, Low smoke, Easily fabricated, Lightweight.

PROPERTY DATA | TTT-SIL 1700 SRC

CHARACTERISTICS	METHOD	VALUES		
		ENGLISH		METRIC
WEIGHT	ASTM-D-3776	17.5 oz/sy ± 10%		595 g/m^2 ± 10%
THICKNESS	ASTM-D-1777	.0018" ± 0.001"		0.457 mm ± .025 mm
BREAKING STRENGTH	ASTM-D-5035	Warp- Fill-	310 lbs/in 260 lbs/in	55.37 kg/cm 0.43 kg/cm
TEAR STRENGTH	ASTM-D-5587	Warp- Fill-	58 lbs min. 58 lbs min.	26.25 kg 26.25 kg
BURST STRENGTH	ASTM-D-3786	600 psi min.		42 kg/sq.cm
Flame Resistance	ASTM-D-6413	Char Length Afterglow Flame Out	1/16" max. 1 sec. max 1 sec. max	0.159 cm max 1 sec. max 1 sec. max
UV Resistance	ASTM-G-154	1000 hrs; no change in tensile		
TEMPERATURE RESISTANCE		-85 F (-65 C) to 500 F (260 C)		
BASE FABRIC AND WEAVE		Fiberglass/Satin Weave		
COLOR		Silver Silicone		

DATA SHEET: 13093 FM REV: K DATE: 5/8/19