

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			
<u>METHOD</u>	VALUES		
ASTM-D-3776		10%	<u>METRIC</u> 595 g/m² ± 10%
ASTM-D-1777	.0018" ± 0.001"		0.457 mm ± .025 mm
ASTM-D-5035	Warp- Fill-	310 lbs/in 260 lbs/in	55.37 kg/cm 0.43 kg/cm
ASTM-D-5587	Warp- Fill-	58 lbs min. 58 lbs min.	26.25 kg 26.25 kg
ASTM-D-3786	600 psi min.		42 kg/sq.cm
ASTM-D-6413			0.159 cm max 1 sec. max 1 sec. max
ASTM-G-154	1000 hrs; no change in tensile		
	-85 F (-65 C) to 500 F (260 C)		
	Fiberglass/Satin Weave		
	Silver Silicone		
	METHOD ASTM-D-3776 ASTM-D-1777 ASTM-D-5035 ASTM-D-5587 ASTM-D-3786 ASTM-D-6413	METHOD ENGLISH ASTM-D-3776 17.5 oz/sy ± ASTM-D-1777 .0018" ± 0.007 ASTM-D-5035 Warp- Fill- ASTM-D-5035 Warp- Fill- ASTM-D-5587 Warp- Fill- ASTM-D-3786 600 psi min. ASTM-D-6413 Char Length Afterglow Flame Out ASTM-G-154 1000 hrs; no of -85 F (-65 C) t Fiberglass/Sa Fiberglass/Sa	METHOD VALUES ENGLISH ASTM-D-3776 17.5 oz/sy ± 10% ASTM-D-1777 .0018" ± 0.001" ASTM-D-5035 Warp- Fill- 310 lbs/in 260 lbs/in ASTM-D-5587 Warp- Fill- 58 lbs min. 58 lbs min. ASTM-D-3786 600 psi min. ASTM-D-3786 600 psi min. ASTM-D-6413 Char Length Flame Out 1/16" max. 1 sec. max ASTM-G-154 1000 hrs; no change in tensile -85 F (-65 C) to 500 F (260 C) Fiberglass/Satin Weave Fiberglass/Satin Weave

DATA SHEET: 13093 FM REV: K DATE: 5/8/19 *All values are nominal unless otherwise specified. 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.