



7210 C – 5th Street SE
Calgary, Alberta T2H 2L9

Technical Data Sheet

Bus: 403-216-3300
Fax: 403-216-3306
www.temprotec.com

TT SAF17-602 Silicone Cloth (PG 1 OF 2)

TEMPERATURE RATING

COATING BASE FABRIC: **450° F**

OPERATING TEMP, MAXIMUM **1000° F** continuous, transient exposure to **1200° F**
SOFTENING POINT **1350° F to 1600° F**
MELTING POINT **2050° F to 2160° F**

CONTENT SILICONE RUBBER

WEIGHT 17oz/yd²
THICKNESS .017"
BREAKING STRENGTH, lbs./inch (warp x fill) 300 x 250, per FTMS 191-A-5100
BURSTING STRENGTH, PSI (average) 295, per FTMS 191A-5122 ASTM D3786
TEAR STRENGTH, lbs. (warp x fill) 56 x 53, per FTMS 191A-5316 (Trapezoid)

COLOR GRAY & VARIOUS upon request

BASE FABRIC Weave Type: 4 Harness Crowfoot Satin
COUNT:48 X 32 (warp x fill)

MILITARY SPECIFICATION MIL-I-24244, ASTM E 162, ASTM E84.84a

SIZE 60"x 50 lyds

CHEMICAL RESISTANCE OILS: GOOD HYDROCARBONS: GOOD

FLAME SUPPORT RESISTANCE EXCELLENT

WATER RESISTANCE RAIN TEST - TTSAF SILICONE CLOTH MEETS THE AATCC 35 REQUIREMENTS

FEATURES PAD & LAGGING CLOTH, WELD PROTECTION (LIGHT), EXPANSION JOINTS & HEAT ABSORBTION

NOTE: MATERIAL SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION WHERE FLEXING OR VIBRATION OCCURS AT ELEVATED TEMPERATURES.

THE INFORMATION PRESENTED IS INTENDED AS A SPECIFICATION GUIDE ONLY. MATERIALS SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE MSDS BEFORE HANDLING. NO WARRANTIES ARE EXPRESSED OR IMPLIED AS APPLICATION CONDITIONS ARE BEYOND OUR CONTROL.



TT SAF17-602 Silicone Cloth (PG 2 OF 2)

SMOKE DENSITY, Ds @ min (average)

ASTM E662-01	Minutes	1	5	10	15	20
Non Flaming mode		1	4	11	17	24
Flaming Mode		2	14	31	46	

Surface Burning Characteristics

ASTM E 84

Flame Spark Index	0
Smoke Development Class I or A Rating	25

Surface Flammability/Radiant Heat ASTM E162

SAF 17-602 Industrial meets the ASTM requirements

Toxic Gas Generation Bombardier SMP-800-C

SAF 17-602 Industrial meets Bombardier Specs

Resistance Oil/Aromatic Hydrocarbon Fluids MIL-PRF-20696F

SAF 17-602 Industrial meets Mil Spec 20696F

Flame Penetration FAR 25.855 Appendix F part III

SAF 17-602 Industrial meets FAR 25.855

Tolerance

+/-10% unless otherwise stated

NOTE: MATERIAL SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION WHERE FLEXING OR VIBRATION OCCURS AT ELEVATED TEMPERATURES.

THE INFORMATION PRESENTED IS INTENDED AS A SPECIFICATION GUIDE ONLY. MATERIALS SHOULD BE TESTED FOR ITS SUITABILITY IN ANY APPLICATION. USERS SHOULD ALSO FAMILIARIZE THEMSELVES WITH THE MSDS BEFORE HANDLING.

NO WARRANTIES ARE EXPRESSED OR IMPLIED AS APPLICATION CONDITIONS ARE BEYOND OUR CONTROL.