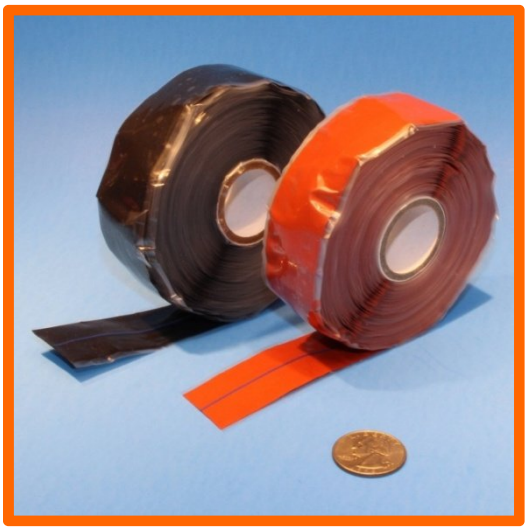
MIL Spec MIL-I-46852 / A-A-59163 Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

500°F / 260°C: FlameShield™ ***Self Binding / Self-Fusing / Self Amalgamating Tape - High Temperature, Heat & Flame Resistant***



- Self-bonds / self fuses / self amalgamating tape. No residue when removed. Starts fusing within minutes; fully bonded within hours. Excellent cold temperature performance. Low water absorption.
- Tested to:
  - ASTM D 149; provides minimum 400 V/mil. for .010" to .030" thick tape, 300 V/mil for .040" thick tape and 250 V/mil for .060" thick tape.
  - ASTM D 412; provides minimum 700 psi tensile strength and minimum 300% elongation.
  - ASTM D 2240; Durometer (Shore A); 55. Other test data available.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852, AA59163 and ABS 5334 specifications. Certificate of Conformity available.
- Cross Reference Equivalents Available to MOX 600R and 600T levelwrap series; 602-1, 603-1, 604-1, 605-1, 606-1, 607-1. McDonnel Douglas / Boeing DMS-2186 Type I & II, McDonnell Douglas Helicopter HS5215, General Dynamics P5384, Martin Marietta MMS 517-6 Type II, McDonnell Douglas P.S. 17115, ST0130RB0078 Type I, 3003M70P01, MS70T09-S, WS1363A, Premier Farnell 810112, Safe Flight 59562-5, PLYSIL3455, TYT200-1, 66N, 67N and various NATO / National Stock Numbers (NSN).

FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape

Meets MIL-I-46852 / A-A-59163 / ABS 5334 Specifications - Type I and Type II

Part Number	Tape Width Inches / mm	Thickness inches / mm	Color / Type / Profile	Single Roll Price Per Roll
T-SR-M013-08-RBK-20	1/2 / 12.7	0.020 / 0.508	Black / I / Rectangular	$ 29.37
T-SR-M013-08-RXX-30	1/2 / 12.7	0.030 / 0.760	Black or Red / I / Rectangular	$ 37.16
T-SR-M016-10-RBK-20	5/8 / 15.7	0.020 / 0.508	Black / I / Rectangular	$ 30.17
T-SR-M019-12-RBK-20	3/4 / 19	0.020 / 0.508	Black / I / Rectangular	$ 31.96
T-SR-M025-16-TXX-20	1 / 25.4	0.020 / 0.508	Black or Red / II / Triangular	$ 33.80
T-SR-M025-16-RXX-20	1 / 25.4	0.020 / 0.508	Black or Red / I / Rectangular	$ 34.71
T-SR-M025-16-TXX-40	1 / 25.4	0.040 / 1.000	Black or Red / II / Triangular	$ 37.91
T-SR-M025-16-RXX-40	1 / 25.4	0.040 / 1.000	Black or Red / I / Rectangular	$ 39.64
T-SR-M038-24-RXX-20	1 ½ / 38.1	0.020 / 0.508	Black or Red / I / Rectangular	$ 48.77
T-SR-M038-24-RXX-12	1 ½ / 38.1	0.012 / 0.304	Black or Red / I / Rectangular	$ 38.47

Triangular Tapes Only: .020" has a blue guideline / .040" has a green guideline

Please enquire for pricing on sizes other than those listed above.
This tape can be produced in thicknesses from 0.010" to 0.080" and in various widths.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Other colors available.
- Certificate of Conformity: Add $6.00 for individual roll CofC. Lot/Batch CofC $25.00 per order line item.
- Test Report: Add $75.00 per order line item.

Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).