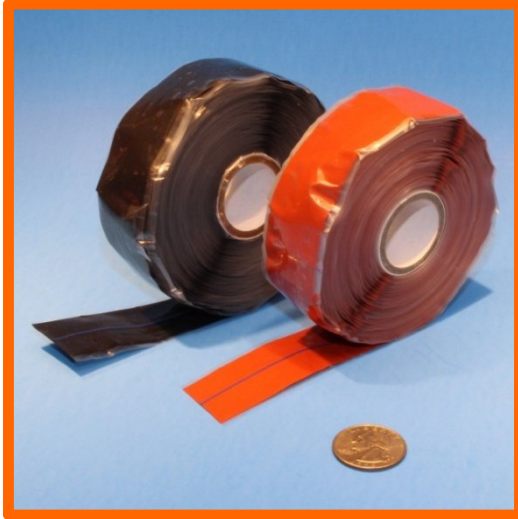


## MIL Spec MIL-I-46852 / A-A-59163 Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

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. McDonnell 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 1/2 / 38.1	0.020 / 0.508	Black or Red / I / Rectangular	\$ 48.77
T-SR-M038-24-RXX-12	1 1/2 / 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).

## FlameShield™ MIL Spec Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape - Technical Data

<b>Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 &amp; A-A-59163)</b>			
<b>Property</b>	<b>Standard</b>	<b>Nominal Test Result or Tolerance</b>	<b>Test Method</b>
Thickness: 1" wide tape  1.5" Wide tape	.020" .030" .040" .020"	+/- .002"	N/A
Width	0.50", 0.75", 1.00", 1.50"	+/- .020"	N/A
Length	36 feet / 12 yards / 10.9m	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color	.020" Tapes: Blue .030" Tapes: White .040" Tapes: Green	N/A	N/A
Operating Temperature	-60°C to +260°C -76°C to +500°F	N/A	N/A
Brittle Temperature	-65°C / -85°F	N/A	N/A
Interleave Material	.002" thick Mylar	N/A	N/A
Tensile Strength	700 psi (minimum)	1100	ASTM D412 / D119
Dielectric Strength	.020" Tape: 400 V/mm .030" Tape: 400 V/mm .040" Tape: 300 V/mm	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	$1 \times 10^{14}$ ohms/cm <sup>3</sup>	$3 \times 10^{14}$	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (1" Width)	2 lbs (minimum)	5.5	ASTM D2148
Adhesion	Shall not unwind more than 1.0" after 3 minutes with 600g load	0.12"	ASTM D2148
Inclined Mandrel Tack Test (inch)		0.25	ASTM D2148
Water absorption (by wt)	3% Maximum	0.9%	FED-STD-601 Method 6251
Dissipation Factor		<0.0004 @ 1 KHz	ASTM D150
Hardness, durometer Shore A	55 - 65	55	ASTM D2148 / D2240
Flame Test		Pass	FAA 60 Sec Vertical

**MIL-I-22444 Silicone Rubber Supported/Reinforced Self Fusing  
 Compression & Stretch Electrical Insulation Tape**  
**500°F / 260°C: FlameShield™ Meets MIL-I-22444 and ASNA 5107 Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather and cryogenic performance.
- Excellent for sealing ends of firesleeve: prevents sleeve from 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. Secures insulation to hot air ducting.
- Meets Mil-i-22444 and ASNA 5107 specifications; certification available.
- Sinusoidal Fiberglass Reinforced with either 15% maximum stretch (SB15) or 25% maximum stretch (SA25) until failure of the reinforcement web.
- Used as a compression protection tape under wiring connector clamping collars.

Clear version of tape shows reinforcement layer – normally supplied in Oxide-Red or Black Color

- Equivalent to MOX SA and MOX SB series tapes SB01020, SB00520, SB01015, SB01050 & SA00520, SA01020, SA03030, SA01015; DMS-2186 Type I, EMD/EMS 2074; General Dynamics P5189 & 5-00857; General Electric A50A493-C/D & A50E112; Grumman GT353V; RMS315 Type I; Simmonds 151274 (black); IBM 6084744; RL6000SA; RL6000SB; 68N, 69N, 78N, 79N; NSN 5970-01-325-8971; NSN 5970-00-841-1172; NSN 5970-14-464-7312

<b>FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Tape</b>				
<b>Meets MIL-I-22444 Type I</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
T-SR-SB15-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
T-SR-SA25-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
T-SR-SB15-68N-5970-14-464-7312-OR	3/4 / 19	0.012 / 0.3	I / Rectangular	\$ 61.37
T-SR-SB15-69N-BK	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 64.82
T-SR-SB15-78N-OR	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SB15-79N-BK	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SB15-M025-16-XX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SA25-M025-16-XX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29

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

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Clear & 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.

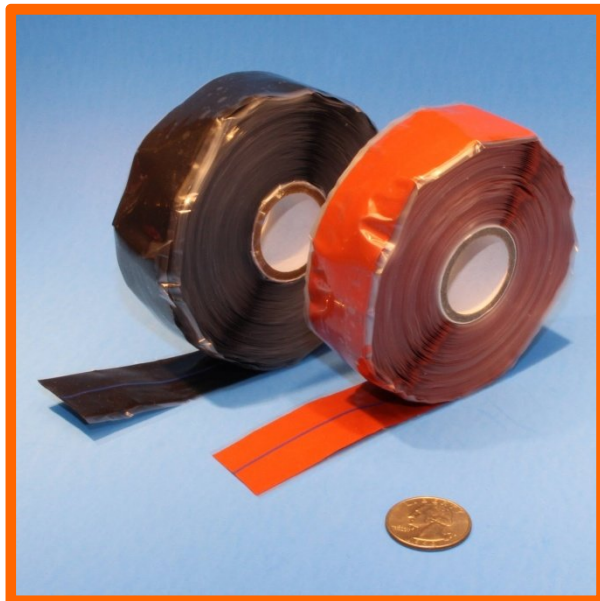
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

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.

## Boeing DMS 2186 Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ - Meets Boeing DMS 2186 Specifications – Available as DMS 2186 Type I & Type II  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Meets Boeing DMS2186 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Supplied with Certification.
- Available in Oxide-Red or Black. Oxide-Red is typically stock.

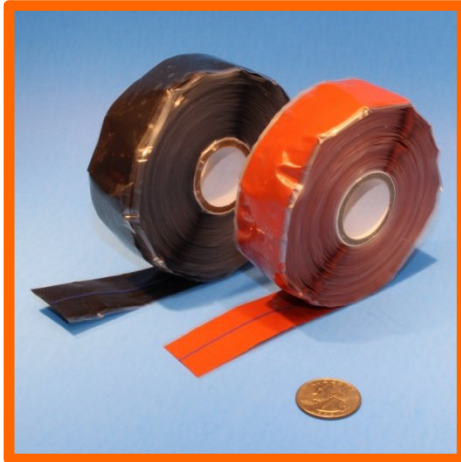
FlameShield™ Boeing DMS 2186 Type I and Type II High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Single Roll Price
<b>DMS 2186 Type I</b> (Other Widths / Thickness / Lengths Available)			
T-SR-DMS2186-1S-12-20-XX	¾ / 19	0.020 / 0.51	\$ 63.96
T-SR-DMS2186-1S-16-20-XX	1 / 25	0.020 / 0.51	\$ 88.96
<b>DMS 2186 Type II</b> (Other Widths / Thickness / Lengths Available)			
T-SR-DMS2186-2-16-20-XX	1 / 25	0.020 / 0.51	\$ 45.46
T-SR-DMS2186-2-16-30-XX	1 / 25	0.030 / 0.76	\$ 59.10
T-SR-DMS2186-2-16-40-XX	1 / 25	0.040 / 1.01	\$ 72.97
T-SR-DMS2186-2-20-50-XX	1 1/4 / 32	0.050 / 1.27	\$ 83.91
T-SR-DMS2186-2-24-60-XX	1 1/2 / 38	0.060 / 1.52	\$ 96.74
T-SR-DMS2186-2-24-80-XX	1 1/2 / 38	0.080 / 2.03	\$ 112.12

- 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
- DMS2186 specification does not allow tapes to be thinner than .020"

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.

## Lockheed Martin Astronautics MMS J517 Type I & Type II Silicone Rubber Tape

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



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other specifications.
- Supplied with Certification.

### FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape – Meets MMS J517 Type I and Type II Specifications

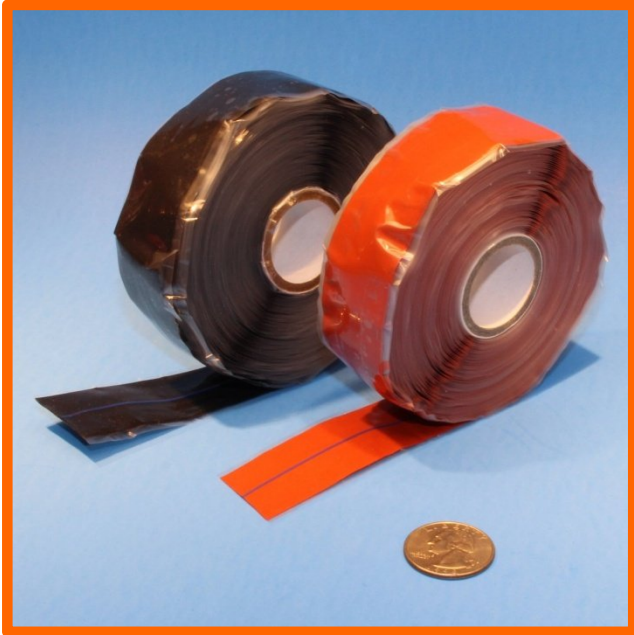
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
<b>MMS J517 Type I</b>			
T-SR-MMSJ517-1-08-10	1/2 / 13	0.010 / 0.25	\$ 27.12
T-SR- MMSJ517-1-08-20	1/2 / 13	0.020 / 0.51	\$ 28.66
T-SR-MMSJ517-1-08-30	1/2 / 13	0.030 / 0.76	\$ 30.46
T-SR-MMSJ517-1-12-10	3/4 / 19	0.010 / 0.25	\$ 29.55
T-SR-MMSJ517-1-12-20	3/4 / 19	0.020 / 0.51	\$ 31.28
T-SR-MMSJ517-1-12-30	3/4 / 19	0.030 / 0.76	\$ 34.81
T-SR-MMSJ517-1-16-10	1 / 25	0.010 / 0.25	\$ 30.93
T-SR-MMSJ517-1-16-20	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-MMSJ517-1-16-30	1 / 25	0.030 / 0.76	\$ 36.91
T-SR-MMSJ517-1-20-10	1.25 / 32	0.010 / 0.25	\$ 38.77
T-SR-MMSJ517-1-20-20	1.25 / 32	0.020 / 0.51	\$ 40.21
T-SR-MMSJ517-1-20-30	1.25 / 32	0.030 / 0.76	\$ 42.37
T-SR-MMSJ517-1-24-10	1.50 / 38	0.010 / 0.25	\$ 43.66
T-SR-MMSJ517-1-24-20	1.50 / 38	0.020 / 0.51	\$ 47.82
T-SR-MMSJ517-1-24-30	1.50 / 38	0.030 / 0.76	\$ 55.37
<b>MMS J517 Type II</b>			
T-SR-MMSJ517-2-16-20-XX	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-MMSJ517-2-16-30-XX	1 / 25	0.030 / 0.76	\$ 42.88
T-SR-MMSJ517-2-16-40-XX	1 / 25	0.040 / 1.01	\$ 47.37
T-SR-MMSJ517-2-20-50-XX	1 1/4 / 32	0.050 / 1.27	\$ 53.91
T-SR-MMSJ517-2-24-60-XX	1 1/2 / 38	0.060 / 1.52	\$ 56.74
T-SR-MMSJ517-2-24-80-XX	1 1/2 / 38	0.080 / 2.03	\$ 63.12

- 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

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.



**Lockheed Martin Space Systems 5-00857 & 5-00615 Silicone Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



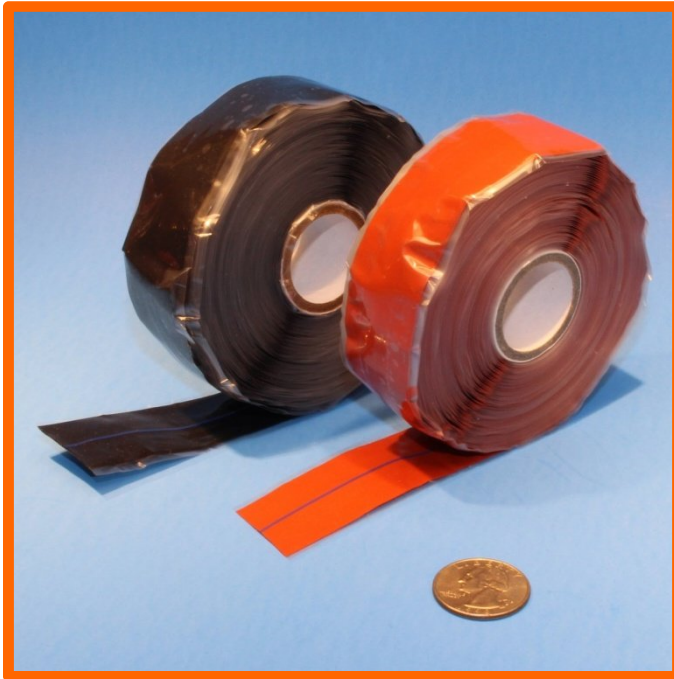
- Meets Lockheed-Martin 5-00857 & 5-00615 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

<b>FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape Meets Lockheed Martin Space Systems 5-00857 &amp; 5-00615 Specifications</b>			
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Tape Thickness inches / mm</b>	<b>Price Per Roll</b>
<b>Specification 5-00857</b>			
T-SR-5-00857-S-X-Y-ZZ	As per specification	As per specification	\$ by quote
<b>Specification 5-00615</b>			
T-SR-5-00615	As per specification	As per specification	\$ 34.71

- For the X value, specify width
- For the Y value, specify thickness
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the ZZ value (color code): OR = Oxide-Red, BK = Black

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.

**Lockheed Martin Tactical Systems P5189 Silicone Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



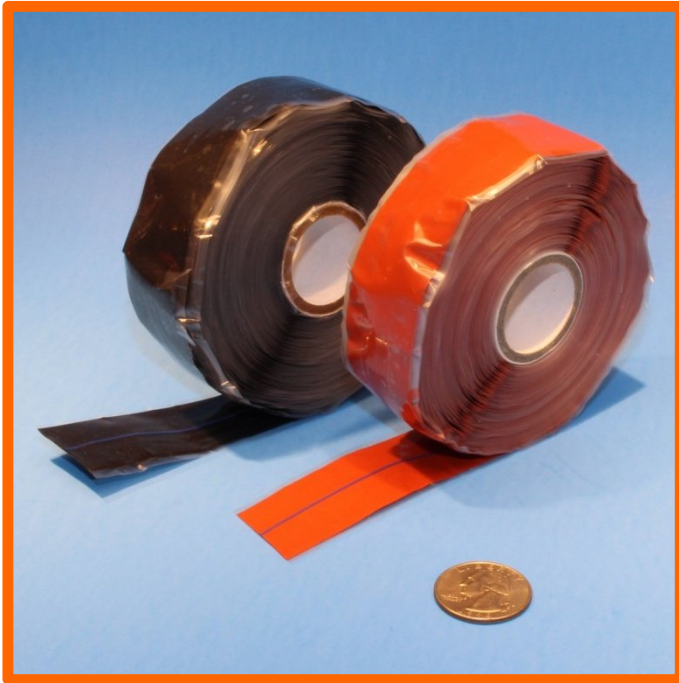
- Meets Lockheed-Martin Tactical Systems P5189 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets Lockheed Martin Tactical Systems P5189 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
<b>Specification P5189</b>			
T-SR-P5189-S-08	1/2 / 13	As per specification	\$ 35.81
T-SR-P5189-S-16	1 / 25	As per specification	\$ 46.43

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.

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.

**Lockheed Martin Systems Integration 6084744 Silicone Rubber Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

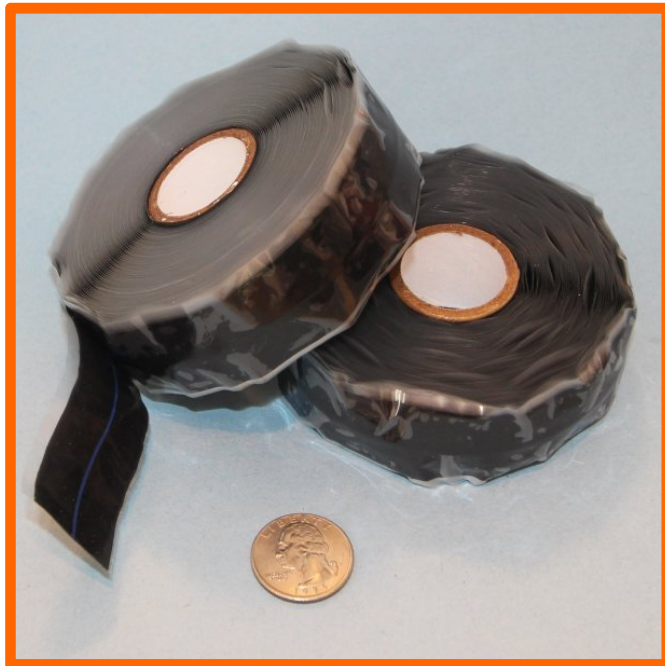
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets Lockheed Martin Systems Integration 6084744 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
<b>Specification 6084744</b>			
T-SR-6084744-08-S15-XX	1/2 / 13	As per specification	\$ 35.81
T-SR-6084744-16-S15-XX	1 / 25	As per specification	\$ 46.43
T-SR-6084744-08-S25-XX	1/2 / 13	As per specification	\$ 35.81
T-SR-6084744-16-S25-XX	1 / 25	As per specification	\$ 46.43

- 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

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.



**General Dynamics P5384 Silicone Rubber Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



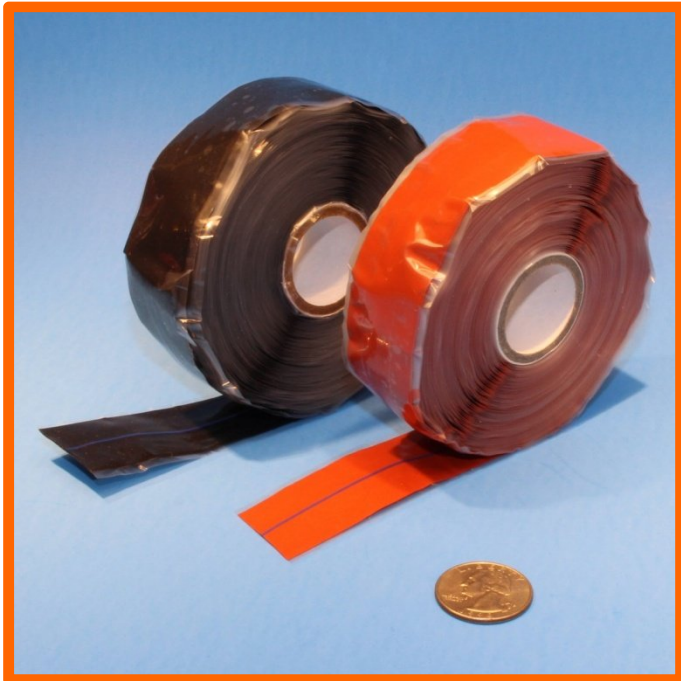
- Meets General Dynamics P5384 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets General Dynamics P5384 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-P5384	As per specification	As per specification	\$ 37.91

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is Black per the specification.

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.

**UL 94V0 and/or UL 94HB Flamability Standards Silicone Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape – Flame Retardant**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape – Flame Retardant Meets UL 94V0 and/or UL 94HB Flame Test Standards and MIL-I-46852 and A-A-59163 Specifications				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
T-SR-UL-08-RBK-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 34.37
T-SR-UL-08-RXX-30	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ 42.16
T-SR-UL-12-RBK-20	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 36.96
T-SR-UL-16-TXX-20	1 / 25	0.020 / 0.5	II / Triangular	\$ 38.80
T-SR-UL-16-RXX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 39.71
T-SR-UL-16-TXX-40	1 / 25	0.040 / 1.0	II / Triangular	\$ 42.91
T-SR-UL-24-TXX-60	1 ½ / 38	0.060 / 1.5	II / Triangular	\$ 52.82
T-SR-UL-24-ROR-20	1 ½ / 38	0.020 / 0.5	I / Rectangular	\$ 53.77
T-SR-UL-32-TXX-30	2 / 51	0.030 / 0.76	II / Triangular	\$ 54.26
T-SR-UL-32-RXX-30	2 / 51	0.030 / 0.76	I / Rectangular	\$ 58.73

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres
- Other widths, thicknesses and lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

**Rockwell International ST0130RB0078 Silicone Rubber Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ Rockwell International ST0130RB0078 High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
<b>ST0130RB0078 Type I Tape</b>			
T-SR-ST0130RB0078-1T	As per specification	As per specification	\$ 33.80
<b>ST0130RB0078 Type II Tape</b>			
T-SR-ST0130RB0078-2R-12	As per specification	0.012 / 0.30	\$ 30.47
T-SR-ST0130RB0078-2R-15	As per specification	0.015 / 0.38	\$ 32.88
T-SR-ST0130RB0078-2R-20	As per specification	0.020 / 0.51	\$ 34.71

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions of ST0130RB0078 are Oxide-Red

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.

## General Electric Power Generation A50A493 & 3003M70P Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ General Electric Power Generation Standard A50A493 & 3003M70 High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
<b>A50A493A Tape:</b>			
T-SR-GEPG-93A-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
<b>A50A493B Tape:</b>			
T-SR-GEPG-93B-T-16-40	1 / 25	0.040 / 1.02	\$ 37.91
<b>A50A493C Tape:</b>			
T-SR-GEPG-93C-R-16-20	1 / 25	0.020 / 0.51	\$ 46.43
<b>A50A493D Tape:</b>			
T-SR-GEPG-93D-R-48-30	3 / 76	0.030 / 0.76	\$ 104.87
<b>3003M70P01 Tape:</b>			
T-SR-GEPG-P01-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
<b>3003M70P02 Tape:</b>			
T-SR-GEPG-P02-R-12-20	3/4 / 19	0.020 / 0.51	\$ 31.96
<b>3003M70P03 Tape:</b>			
T-SR-GEPG-P03-R-08-20	1/2 / 13	0.020 / 0.51	\$ 29.37
<b>3003M70P04 Tape:</b>			
T-SR-GEPG-P04-R-24-60	3 / 76	0.060 / 1.52	\$ 48.77

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions of A50A493 are Oxide-Red



## General Electric Transportation Systems A50E112 & EMS2074 Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

*Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant*



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ General Electric Transportation Systems Standard A50E112 & EMS2074 – Junction Insulation Tape High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
<b>A50E112 Tape &amp; 8355873 Tape</b>			
T-SR-GETS-R-S-16-20	1 / 25	0.020 / 0.51	\$ 33.80
<b>A50E112 Tape &amp; 8355873 Tape High Strength Version</b>			
T-SR-GETS-R-16-30HS	1 / 25	0.030 / 1.02	\$ 44.91

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- Tapes are Oxide-Red
- Standard version is 1362 psi / High Strength version is 1500 psi

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.



**Rohr RMS315 Silicone Rubber Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Supplied with Certification.

<b>FlameShield™ Rohr RMS315 Tape</b>			
<b>High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape</b>			
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Tape Thickness Inches / mm</b>	<b>Price Per Roll</b>
<b>Rohr RMS315 Type I Tape</b>			
T-SR-RMS315-S-08-20-XX	1/2 / 13	As per specification	\$ 47.76
T-SR-RMS315-S-16-12-XX	1 / 25	As per specification	\$ 64.29
T-SR-RMS315-S-16-20-XX	1.25 / 32	As per specification	\$ 67.96
<b>Rohr RMS315 Type II Tape</b>			
T-SR-RMS315-2T-20-XX	As per specification	0.020 / 0.51	\$ 33.80
T-SR-RMS315-2T-30-XX	As per specification	0.030 / 0.76	\$ 35.71
T-SR-RMS315-2T-A-40-XX	As per specification	0.040 / 1.01	\$ 37.33
T-SR-RMS315-2T-B-40-XX	As per specification	0.040 / 1.01	\$ 42.87
T-SR-RMS315-2T-A-50-XX	As per specification	0.050 / 1.01	\$ 44.63
T-SR-RMS315-2T-B-50-XX	As per specification	0.050 / 1.01	\$ 47.37
T-SR-RMS315-2T-60-XX	As per specification	0.060 / 1.01	\$ 49.88
T-SR-RMS315-2T-70-XX	As per specification	0.070 / 1.01	\$ 52.67
<b>Rohr RMS315 Type III Tape</b>			
T-SR-RMS315-3R	As per specification	As per specification	\$ 35.62

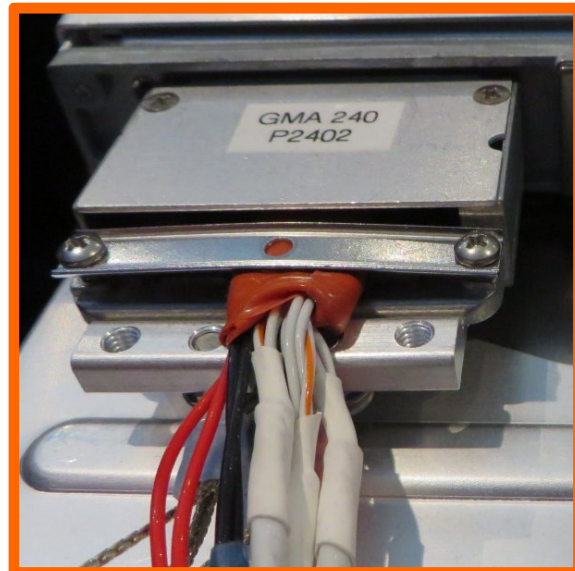
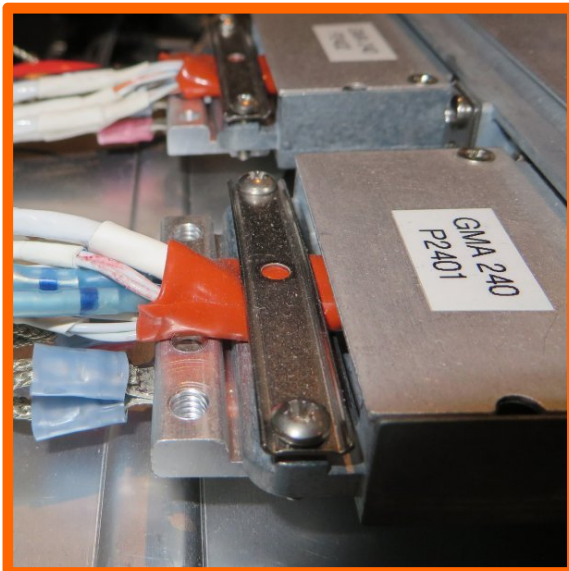
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

**Garmin 249-00114-00 Silicone Rubber Tape**  
**500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch**  
**Electrical Insulating Tape**  
*High Temperature, Heat & Flame Resistant*



- Equivalent to Garmin 249-00114-00 tape.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Used to protect wiring at the backshell clamp from clamping damage. Also provides equalization of strain relief.
- Used to build up the diameter of the wire bundle so that the cable clamp on the backshell will hold the wires in situations where too few wires would have resulted in the clamp not contacting the wires, resulting in strain on the connector's internal pins.
- Meets Mil-I-46852 / AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape Equivalent to Garmin 249-00114-00 tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
T-SR-249-00114	As per specification	As per specification	\$ 33.64



## FAR 25.853 - Appendix F Horizontal and Vertical Burn Rate Limits

### Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch

Electrical Insulating Tape

*Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant*



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Meets FAR 25.853 Appendix F, section a, 1, ii – Vertical burn rate
- Supplied with Certification.

FlameShield™ FAR 25.853 Tape High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
<b>FAR 25.853 Type I Tape</b> (Other Widths / Thickness / Lengths Available)			
T-SR-FAR-1-08-20-XX	1/2 / 13	0.020 / 0.51	\$ 37.96
T-SR-FAR-1-16-12-XX	1 / 25	0.012 / 0.30	\$ 37.96
T-SR-FAR-1-16-20-XX	1 / 25	0.020 / 0.51	\$ 43.96
<b>FAR 25.853 Type II Tape</b> (Other Widths / Thickness / Lengths Available)			
T-SR-FAR-2-16-20-XX	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-FAR-2-16-30-XX	1 / 25	0.030 / 0.76	\$ 42.88
T-SR-FAR-2-16-40-XX	1 / 25	0.040 / 1.01	\$ 47.37

- 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

**NSN & NATO Mil Spec Silicone Rubber Electrical Insulation Tapes**  
**500°F / 260°C: FlameShield™ MIL Spec Silicone Rubber Self Fusing Compression**  
**& Stretch Tape with National Stock Number (NSN & NATO)**  
**Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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. Secures insulation to hot air ducting.
- May meet Mil-I-46852, AA59163 and many proprietary specifications. Supplied with Certification.

**Call for availability and pricing.**

**These tapes are not interchangeable. The NSN number specifies other parameters of the tape such as thickness, profile, width, reinforcement, rubber formulation, etc.**

**Some tapes are stock. Non stock items typically are 10 to 15 days to produce. Some may incur minimum order quantity (typically 18, 24, 30 or 36 rolls).**



**NSN / NATO National Stock Numbers**

5970-00-082-3226  
 5970-00-177-1627  
 5970-00-446-3928  
 5970-00-446-8928  
 5970-00-480-1329  
 5970-00-782-5056  
 5970-00-841-1172  
 5970-00-949-4846  
 5970-00-955-9976  
 5970-01-140-5672  
 5970-01-142-8454  
 5970-01-147-3595  
 5970-01-250-8756  
 5970-01-259-5830  
 5970-01-263-0373  
 5970-01-263-3931  
 5970-01-273-6030  
 5970-01-276-5277  
 5970-01-286-7456  
 5970-01-342-8289  
 5970-01-358-0397  
 5970-01-396-1601  
 5970-01-432-6018  
 5970-01-491-8992  
 5970-01-495-5211  
 5970-01-541-9092  
 9320-01-552-7024  
 5970-01-560-3208  
 8030-01-587-1885  
 5970-01-600-6091  
 5970-00-839-0824  
 5970-14-459-8605

**Color**

Black or Red  
 Black  
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**Our Part Number**

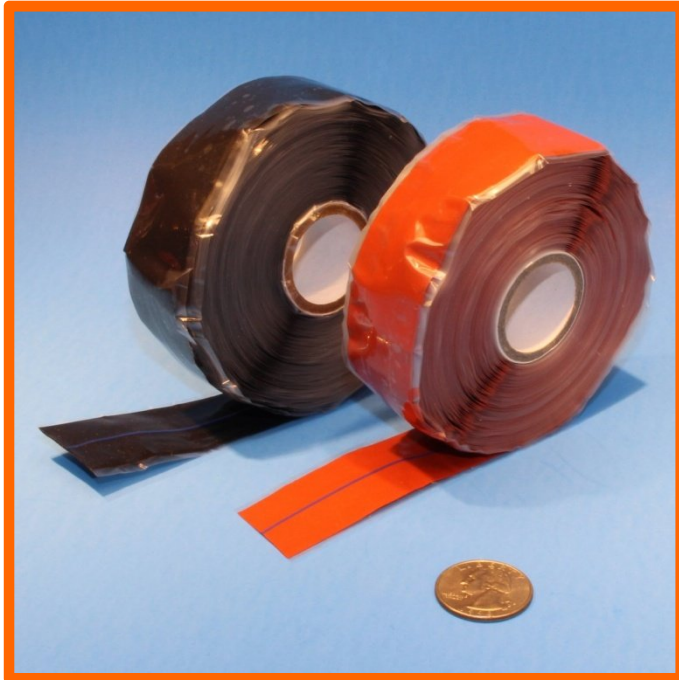
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 T-SR-NSN-01-263-3931  
 T-SR-NSN-01-273-6030  
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 T-SR-NSN-01-587-1885  
 T-SR-NSN-01-600-6091  
 T-SR-NSN-00-839-0824  
 T-SR-NSN-14-459-8605



## TYT200-1 “No Heat” Silicone Rubber Self Fusing Waterproof Insulating Tape

500°F / 260°C: FlameShield™ - Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications

*Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant*



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- 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. Secures insulation to hot air ducting.
- Meets Mil-I-46852, AA59163 and many proprietary specifications. Supplied with Certification.

FlameShield™ TYT200-1 ColeFlex “No Heat” Silicone Rubber Self Fusing Insulating Tape – Type I and Type II			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll Type I / Type II
<b>TYT200-1 Type I &amp; Type II</b>			
T-SR-TYT200-1-36-X-YY	1 / 25	0.020 / 0.51	\$ 34.71 / \$ 33.80
T-SR-TYT200-1-14-X-ZZ	1 / 25	0.020 / 0.51	\$ 23.87 / \$ 22.80

- For the X value (Type): I = Type I; II = Type II
- For the YY value (color code): OR = Oxide-Red, BK = Black
- For the ZZ value (color code): OR = Oxide-Red, BK = Black, WH = White, BU = Blue, GR = Green, YL = Yellow
- T-SR-TYT200-1-36 is a stock item; T-SR-TYT200-1-14 minimum order 36 rolls



## 600 T Series MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape

**500°F / 260°C: Meets MIL-I-46852 / A-A-59163 & Other Proprietary Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 specifications. Certification available.
- 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. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

<b>600 T Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape - Meets MIL-I-46852 and A-A-59163 Specifications</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
<b>602 / 603 / 604 Mil-I-46852 / AA59163 Tapes: Type II</b>				
T-SR-MOX-602-.5-XX	1/2 / 13	0.020 / 0.5	II / Triangular	\$ 29.37
T-SR-MOX-602-.75-XX	3/4 / 19	0.020 / 0.5	II / Triangular	\$ 31.96
T-SR-MOX-602-1-XX	1 / 25	0.020 / 0.5	II / Triangular	\$ 33.80
T-SR-MOX-602-1.5-XX	1 ½ / 38	0.020 / 0.5	II / Triangular	\$ 47.82
T-SR-MOX-602-2-XX	2 / 51	0.020 / 0.5	II / Triangular	\$ 49.26
T-SR-MOX-603-.5-XX	1/2 / 13	0.030 / 0.76	II / Triangular	\$ 32.31
T-SR-MOX-603-.75-XX	3/4 / 19	0.030 / 0.76	II / Triangular	\$ 35.16
T-SR-MOX-603-1-XX	1 / 25	0.030 / 0.76	II / Triangular	\$ 37.18
T-SR-MOX-603-1.5-XX	1 ½ / 38	0.030 / 0.76	II / Triangular	\$ 52.60
T-SR-MOX-603-2-XX	2 / 51	0.030 / 0.76	II / Triangular	\$ 54.19
T-SR-MOX-604-.5-XX	1/2 / 13	0.040 / 1.0	II / Triangular	\$ 35.54
T-SR-MOX-604-.75-XX	3/4 / 19	0.040 / 1.0	II / Triangular	\$ 38.68
T-SR-MOX-604-1-XX	1 / 25	0.040 / 1.0	II / Triangular	\$ 40.90
T-SR-MOX-604-1.5-XX	1 ½ / 38	0.040 / 1.0	II / Triangular	\$ 57.87
T-SR-MOX-604-2-XX	2 / 51	0.040 / 1.0	II / Triangular	\$ 59.61

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

Amalgamating time: 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.

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 splices and joints with an almost totally smooth surface (prevents snagging when splice pulled through obstructions).

## 600 R Series MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape

**500°F / 260°C: Meets MIL-I-46852 / A-A-59163 & Other Proprietary Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 specifications. Certification available.
- 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. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

<b>600 R Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape</b>				
<b>Meets MIL-I-46852 and A-A-59163 Specifications</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
<b>620 / 630 / 640 Mil-I-46852 / AA59163 Tapes: Type I</b>				
T-SR-MOX-620-.5-XX	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 29.87
T-SR-MOX-620-.75-XX	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 32.76
T-SR-MOX-620-1-XX	1 / 25	0.020 / 0.5	I / Rectangular	\$ 34.71
T-SR-MOX-620-1.5-XX	1 ½ / 38	0.020 / 0.5	I / Rectangular	\$ 48.92
T-SR-MOX-620-2-XX	2 / 51	0.020 / 0.5	I / Rectangular	\$ 50.88
T-SR-MOX-630-.5-XX	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ 32.86
T-SR-MOX-630-.75-XX	3/4 / 19	0.030 / 0.76	I / Rectangular	\$ 36.04
T-SR-MOX-630-1-XX	1 / 25	0.030 / 0.76	I / Rectangular	\$ 38.18
T-SR-MOX-630-1.5-XX	1 ½ / 38	0.030 / 0.76	I / Rectangular	\$ 53.81
T-SR-MOX-630-2-XX	2 / 51	0.030 / 0.76	I / Rectangular	\$ 55.97
T-SR-MOX-640-.5-XX	1/2 / 13	0.040 / 1.0	I / Rectangular	\$ 36.15
T-SR-MOX-640-.75-XX	3/4 / 19	0.040 / 1.0	I / Rectangular	\$ 39.64
T-SR-MOX-640-1-XX	1 / 25	0.040 / 1.0	I / Rectangular	\$ 41.99
T-SR-MOX-640-1.5-XX	1 ½ / 38	0.040 / 1.0	I / Rectangular	\$ 59.19
T-SR-MOX-640-2-XX	2 / 51	0.040 / 1.0	I / Rectangular	\$ 61.57

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

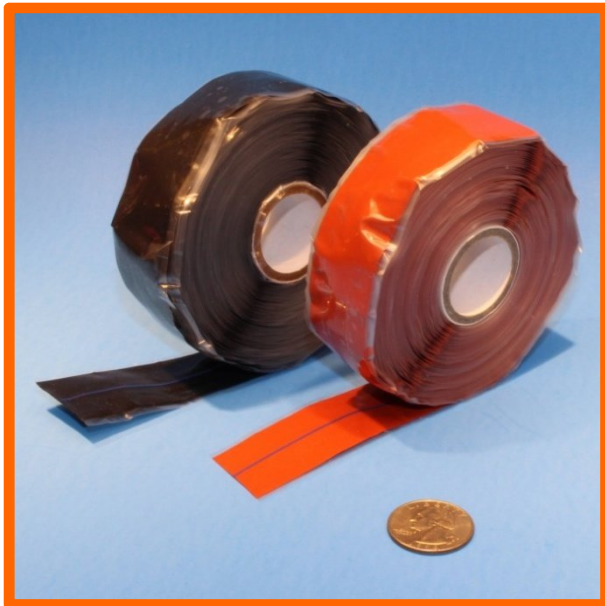
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

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.

## 66N / 67N / 68N / 69N / 78N / 79N Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Meets MIL-I-46852 / A-A-59163 / MIL-I-22444 & Many Other OEM Specifications

**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- 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. Secures insulation to hot air ducting.
- Unsupported tape meets Mil-I-46852, AA59163 and many other specifications. Supported tape meets MIL-I-22444 and many other specifications.
- Certification available.

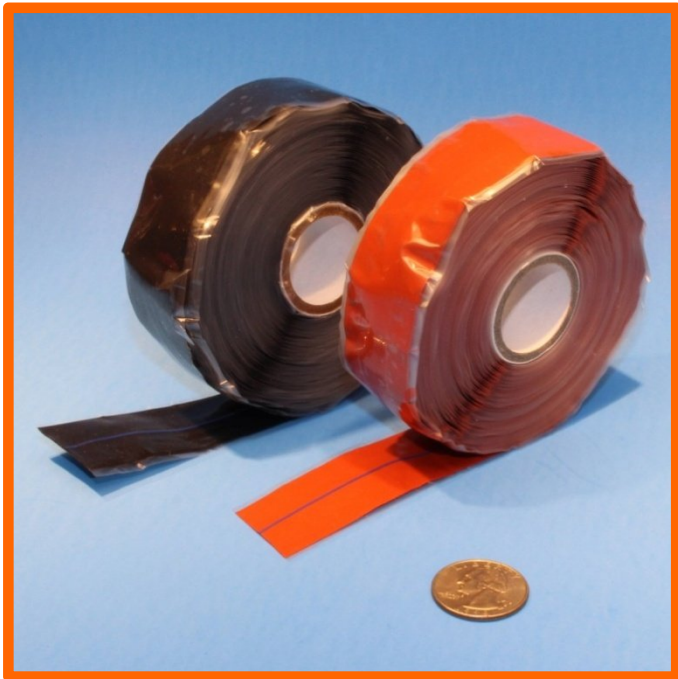
- T-SR-66N-5970-14-467-8824 meets NATO/NSN 5970-14-467-8824 and ABS 5334 specification. Oxide-Red / Red-Brown Color.
- T-SR-67N-5970-14-474-7041 meets NATO/NSN 5970-14-474-7041 and ABS 5334 specification. Black Color.
- T-SR-SB15-68N-5970-14-464-7312 meets NATO/NSN 5970-14-464-7312 and ASNA 5107 specification. Oxide-Red / Red-Brown Color.

FlameShield™ 66N / 67N / 68N / 69N / 78N / 79N Silicone Rubber Self Fusing Electrical Insulation Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
<b>Unsupported Tape – No Fiberglass Substrate – 300% to 500% Elongation</b>			
T-SR-66N-5970-14-467-8824-OR	0.75 / 19	0.012 / 0.30	\$ 24.64
T-SR-67N-5970-14-474-7041-BK	0.75 / 19	0.020 / 0.51	\$ 26.80
<b>Supported Tape – With Fiberglass Substrate – 15% Maximum Elongation</b>			
T-SR-SB15-68N-5970-14-464-7312-OR	0.75 / 19	0.012 / 0.30	\$ 61.37
T-SR-SB15-69N-BK	0.75 / 19	0.020 / 0.51	\$ 64.82
T-SR-SB15-78N-OR	1.00 / 25	0.020 / 0.51	\$ 67.29
T-SR-SB15-79N-BK	1.00 / 25	0.020 / 0.51	\$ 67.29

Amalgamating time: 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.

**Eaton Weatherhead® A6900W equivalent Silicone Elastomer Tape**  
**Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- 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. Secures insulation to hot air ducting.
- Meets Mil-I-46852 and AA59163 specifications. Certification Available.

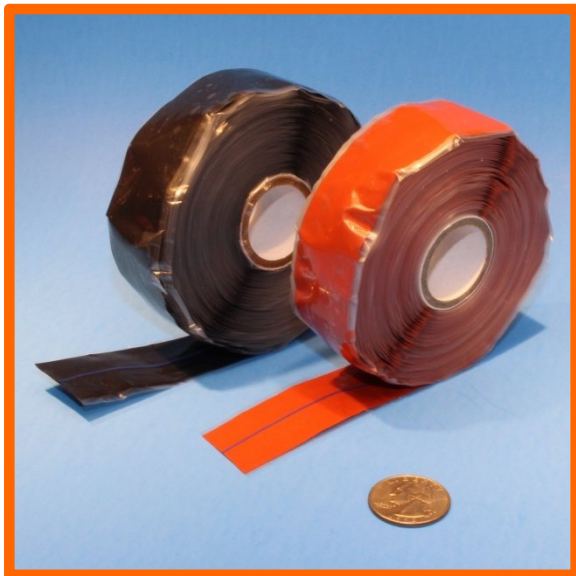
<b>Eaton Weatherhead® A6900W Equivalent Silicone Rubber Self Fusing Insulating Tape</b>			
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Tape Length, inches / yards</b>	<b>Price Per Roll</b>
T-SR-A6900W-OR	1 / 25	432 / 12	\$ 33.80
T-SR-A6900W-BK	1 / 25	432 / 12	\$ 33.80

- OR = Oxide-Red, BK = Black

Weatherhead® is a registered trademark of Eaton Hydraulics



**Simrit® – Freudenberg-NOK Equivalent Silicone Tape – Type I & Type II**  
**500°F / 260°C: MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape**  
**Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 specifications. Certification available.
- 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. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

<b>Simrit® Equivalent Silicone Tapes</b>				
<b>Meets MIL-I-46852 / A-A-59163 Specifications Type I &amp; Type II</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
<b>Mil-I-46852 / AA59163 Tapes: Type I</b>				
T-SR-SIMRIT-56756	1 / 25	0.012 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57063	3/4 / 19	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57090	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50005	1 ½ / 38	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50006	2 / 51	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57161	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50022	1 1/4 / 38	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50039	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ Call
T-SR-SIMRIT-57806	1 / 25	0.030 / 0.76	I / Rectangular	\$ Call
<b>Mil-I-46852 / AA59163 Tapes: Type II</b>				
T-SR-SIMRIT-50014	1 / 25	0.020 / 0.5	II / Triangular	\$ Call
T-SR-SIMRIT-50215	1 / 25	0.030 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-50361	1 / 25	0.040 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-53304	1 1/4 / 38	0.040 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-50573	1 1/4 / 38	0.050 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-56517	1 ½ / 38	0.050 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-56265	1 ½ / 38	0.060 / 0.76	II / Triangular	\$ Call

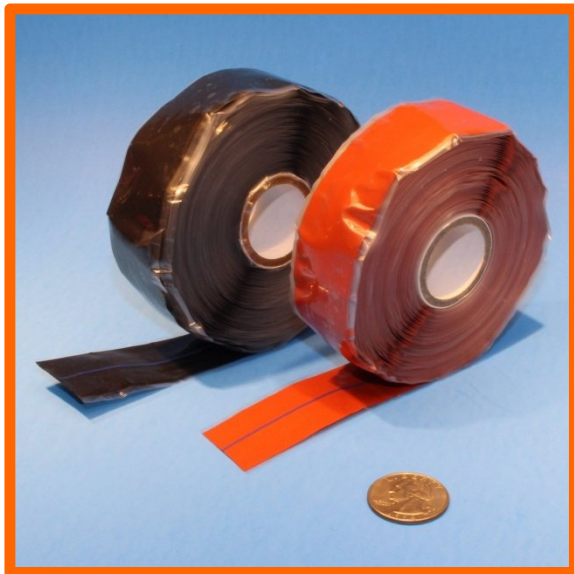
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Simrit® is a registered trademark of Freudenberg NOK



## Simrit® – Freudenberg-NOK Equivalent Silicone Rubber Tape – Reinforced & Controlled Elongation

500°F / 260°C: MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape  
 Meets MIL-I-22444, MIL-I-46852 / A-A-59163 & Many Other OEM Specifications  
 Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 and AA59163 specifications. Certification available.
- 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. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

Simrit® Equivalent Silicone Tapes – Reinforced Controlled Elongation Tape Meets MIL-I-22444, MIL-I-46852 / A-A-59163 Specifications: Type I Supported				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
<b>Mil-I-22444 Reinforced Controlled Elongation Tape</b>				
T-SR-SIMRIT-22444-58609	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58607	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58613	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58611	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58615	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58617	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58621	1 / 25	0.050 / 0.76	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58619	1 / 25	0.050 / 0.76	I / Rectangular	\$ Call

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Simrit® is a registered trademark of Freudenberg NOK

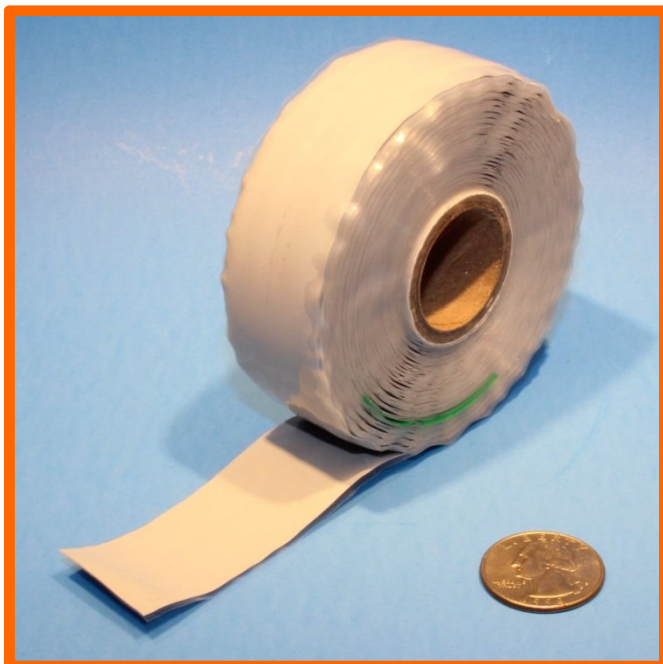
**L-3 Communications Tape, Electrical,  
 Silicone Self-Fusing, Non-Reinforced**  
**500°F / 260°C: Meeting A-A-59163 Class 1, Type I Specifications**  
**Also meets MIL-I-46852 & Many Other OEM Specifications**  
***Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant***



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 A-A-59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. Color is Black.
- Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.
- Cage Code L8347.

<b>L-3 Communications Tape, Electrical, Silicone Self-Fusing, Non-Reinforced</b>				
<b>Meets A-A-59163 Specifications: Class 1, Type I</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
T-SR-40014362-000	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 29.37
T-SR-40014362-001	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 31.96
T-SR-40014362-002	1 / 25	0.020 / 0.5	I / Rectangular	\$ 34.71
T-SR-40014362-003	1.25 / 32	0.020 / 0.5	I / Rectangular	\$ 41.77

**3M™ Scotch® 70 Equivalent Silicone Rubber Electrical Tape**  
**356°F / 180°C: FlameShield™ Meets A-A-59163 & Many Other Proprietary OEM Specifications**  
**Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 AA59163 specifications. Certification available.
- Arc and Track Resistant.
- RoHS compliant.
- Roll length is 30 feet.

FlameShield™ High Temperature Silicone Self Fusing Compression/Stretch Tape Equivalent to 3M™ Scotch® 70 Meets A-A-59163 Specifications					
Part Number	Tape Width Inches / mm	Thickness inches / mm	Profile	Color	Single Roll Price Per Roll
T-SR-70	1 / 25	0.012 / 0.30	Rectangular	Blue-Grey	\$ 27.80

**Quantity discounts available – 24 rolls per case**

**Please enquire for pricing on sizes other than those listed above.**

**This tape can be made in thicknesses from 0.010” to 0.080” and in various widths.**

- Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item

3M ID 80611438617 UPC# 00051128572610 3M Product Number 70-1x30FT

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

Scotch® is a registered trademark of the 3M company