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High Temperature, Heat, Flame, Fire, Molten Metal & Weld Splatter Protection Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com



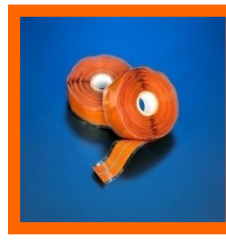
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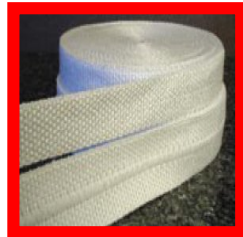
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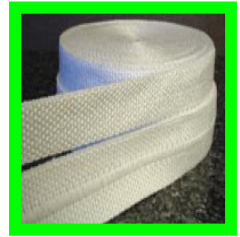
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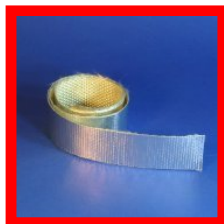
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Kevlar® Woven Aramid Tape Premium Grade

320°F / 160°C: FlameShield™ : High Temperature & Heat Resistant, High Strength Tape / Webbing

Meets MIL-T-87130



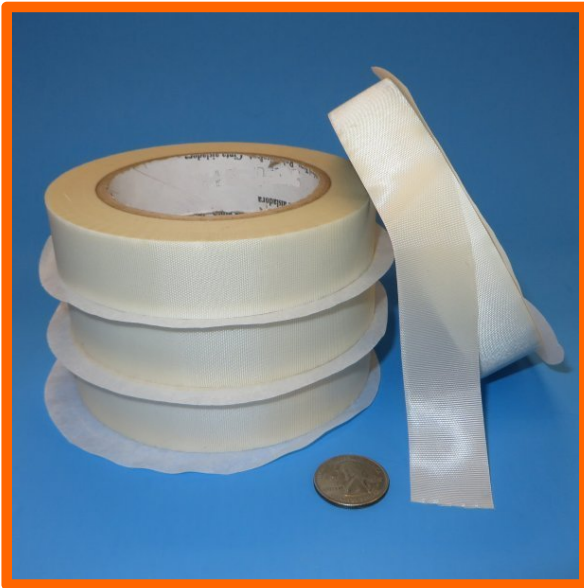
- Soft and pliable, highly flexible.
- Halogen & asbestos free.
- 20 times stronger than steel.
- Highly cut resistant.
- Available in natural (yellow) color.

320°F / 160°C maximum continuous rating with high insulation value & excellent personnel protection. Short term exposure to 572°F / 300°C

FlameShield™ High Temperature & Heat Resistant Woven Kevlar® Aramid Tape - Premium Grade				
Part Number	Width	Thickness	Tensile Strength, lbs	Price per Foot
T-KF-W-M025-16-014	1"	.014"	1500	\$ Call
T-KF-W-M025-16-025	1"	.025"	2500	\$ Call
T-KF-W-M025-16-055	1"	.055"	6000	\$ Call
T-KF-W-M038-24-023	1.5"	.023"	3000	\$ Call
T-KF-W-M038-24-057	1.5"	.057"	NA	\$ Call
T-KF-W-M038-24-069	1.5"	.069"	NA	\$ Call
T-KF-W-M038-24-079	1.5"	.079"	NA	\$ Call



Fiberglass Glass Cloth Fine Weave Tape with Silicone Adhesive meets MIL-I-19166
392°F / 200°C: Glass Cloth High Temperature & Heat Resistant High Adhesion Tape - Electrical Insulation Tape meeting MIL-I-19166



- FlameShield™ 19166 and RG48 glass cloth tape is a high temperature fine weave fiberglass tape with a very high adhesion silicone adhesive.
- 3000 volt dielectric strength.
- .007" total thickness (5mil glass w/2 mil adhesive).
- UL recognized and meets Mil-i-19166C.
- Non Mil-Spec version available.
- Adhesion of 40oz/in.
- Tensile strength 180 lbs/in.
- NEMA Insulation class "H". Maximum continuous temperature of 356°F / 180°C.
- Practical short term exposure to 392°F / 200°C.
- Base glass material rated for 1200°F / 648°C. Silicone adhesive will "smoke" off at temperatures above 460°F / 237°C.
- This tape is widely used for electrical installations and repairs. Used on splices requiring high abrasion resistance and mechanical strength. Widely used in Marine and aviation applications.

FlameShield™ High Temperature Fiberglass Tape with Silicone Adhesive UL Recognized & Meets Mil-I-19166			
Part Number	Tape Width inch / mm		Price per Roll
T-FG-SA-19166-M013-08	0.5	13	\$ 35.84
T-FG-SA-19166-M019-12	0.75	19	\$ 51.05
T-FG-SA-19166-M025-16	1.0	25	\$ 66.25
T-FG-SA-19166-M038-24	1.5	38	\$ 130.33
T-FG-SA-19166-M051-32	2.0	51	\$ 173.77

- 0.5" and 1" wide tapes are normally stock; 0.75", 1.5" and 2" wide are custom slit from a log and usually takes 2 to 3 days to process through our cutting room.
- This tape is slit from a master log - other widths than those listed are available.
- Standard length is 66 Feet / 20 Metres, rolled.
- RG48 part number applies.



Glass Cloth Electrical Tape with Silicone Adhesive
500°F / 260°C: High Temperature & Heat Resistant High Adhesion Tape - Mechanical and Electrical



- FlameShield™ glass cloth tape is a high temperature fine weave fiberglass tape with a very high adhesion silicone adhesive.
- 3000 volt dielectric strength.
- .007" total thickness.
- Adhesion of approx 40oz/in.
- Tensile strength approx 180 lbs/in.
- This tape is widely used for electrical installations and repairs. Used on splices requiring high abrasion resistance and mechanical strength.
- Mil-Spec version meeting MIL-I-19166 available -widely used in marine and aviation applications.
- Used for masking in paint spray applications
- Used on heat sealing machinery for higher temperature performance than ptfе tapes.

FlameShield™ High Temperature High Strength Fiberglass Glass Cloth Tape with Silicone Adhesive			
Part Number	Tape Width		Price per Roll
	inch	mm	
T-FG-SA-M003-02	0.125	3.17	\$ 5.20
T-FG-SA-M006-04	0.250	6.35	\$ 10.40
T-FG-SA-M010-06	0.375	10	\$ 15.26
T-FG-SA-M013-08	0.500	13	\$ 20.46
T-FG-SA-M016-10	0.625	16	\$ 25.30
T-FG-SA-M019-12	0.750	19	\$ 32.23
T-FG-SA-M022-14	0.875	22	\$ 35.70
T-FG-SA-M025-16	1.00	25	\$ 40.57
T-FG-SA-M032-20	1.25	32	\$ 50.60
T-FG-SA-M038-24	1.50	38	\$ 60.66
T-FG-SA-M045-28	1.75	45	\$ 69.06
T-FG-SA-M051-32	2.00	51	\$ 79.13
T-FG-SA-M064-40	2.50	64	\$ 96.23
T-FG-SA-M076-48	3.00	76	\$ 111.50
T-FG-SA-M102-64	4.00	102	\$ 127.93
T-FG-SA-M152-96	6.00	152	\$ 192.66

Standard length is 108 feet / 36 Yards / 32.9 Metres

- This tape is slit from a master log - other widths than those listed are available.



Silicone Rubber Coated Knitted Fiberglass Tape: *Non-Adhesive* 500°F / 260°C: High Temperature, Heat & Flame Resistant Industrial Tape & Wrap



- FlameShield™ Industrial Tape & Wrap, available in 1" width increments up to 5 inches, is made from a knitted base material. This tape has an approximate 5% elongation capability in the lengthwise direction and 15% in the width wise direction, making for easy installations due to its self compressive characteristic when slightly stretched during wrapping. Tape is 0.142" / 3.6mm thick nominal.
- A Heavy Duty version Tape & Wrap (part number AB-FTHD), available in widths from ½" through 40" wide, is made from our heaviest grade 98 oz/yd² woven material. Due to the base material being woven instead of knitted, the FTHD tape has negligible elongation capability in all directions.
- Also an excellent cold temperature tape with flexibility to -76°C for refrigeration and cryogenic applications.

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.
 2200°F / 1205°C for periods up to 15 minutes and short excursions to 3000°F / 1650°C.

FlameShield™ High Temperature Silicone Rubber Coated Fiberglass Industrial Tape & Wrap – Non Adhesive

Part Number	Tape Width inch / mm		Price per Roll	Price per Foot	Price per Metre
T-FG-SR-1.00-M025-X	1	25	\$ 237.00	\$ 4.74	\$ 15.49
T-FG-SR-2.00-M051-X	2	51	\$ 391.00	\$ 7.82	\$ 25.57
T-FG-SR-3.00-M076-X	3	76	\$ 491.00	\$ 9.82	\$ 32.11
T-FG-SR-4.00-M102-X	4	102	\$ 649.00	\$ 12.98	\$ 42.57
T-FG-SR-5.00-M127-X	5	127	\$ 798.00	\$ 15.87	\$ 52.05

For the "X" value, use "R" for Full Spool, use "F" for By-The-Foot
 1", 2" and 3" wide tape is available By-The-Foot

Standard length is 100 Feet / 30 Metres, rolled

High Temperature Tape & Wrap is typically used to wrap hydraulic hoses, lines, cables and wiring when a sleeve cannot be installed. The base fabric is a knitted fibreglass, and provides the tape with a small amount of elongation or stretch capability; which allows the over-wrap to hold tight onto what is being wrapped due to the compression that exists when stretched. Band clamps, wire ties or other fasteners can be used to secure the tape if necessary along the wrapped length or at the end of the wrap. An alternative to using Tape is Sleeve with VC, which is a sleeve with Velcro closure.

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.



Silicone Rubber Coated Woven Fiberglass Tape: Heavy Duty Woven Non-Adhesive 500°F / 260°C: High Temperature, Heat & Flame Resistant Heavy Duty Tape & Wrap



Heavy Duty Tape & Wrap, from ½” through 40” wide is made from our heaviest grade 98 oz/yd² material.

This tape is made from a heavy woven base fabric, which provides for very little elongation capability. This tape is stiffer than the T-FG-SR series tapes. This tape may have edge fray as it is produced by slitting a roll fabric material.

This tape can also be layered and stitched with either face on each side for use as a flange gasket. Multiply price by 2.5 times for 2 layer tape.

FlameShield™ High Temperature Silicone Rubber Coated Fiberglass Heavy Duty Tape & Wrap

Part Number	Width inch / mm / -dash	Price per foot	Price per Metre
T-FGHD-SRHD-0.50-M013	½ / 13 / -08	\$ 2.27	\$ 7.45
T-FGHD-SRHD-0.75-M019	¾ / 19 / -12	\$ 2.77	\$ 9.09
T-FGHD-SRHD-1.00-M025	1 / 25 / -16	\$ 3.37	\$ 11.05
T-FGHD-SRHD-1.25-M032	1 ¼ / 32 / -20	\$ 3.89	\$ 12.76
T-FGHD-SRHD-1.50-M038	1 ½ / 38 / -24	\$ 4.42	\$ 14.50
T-FGHD-SRHD-1.75-M044	1 ¾ / 44 / -28	\$ 4.81	\$ 15.78
T-FGHD-SRHD-2.00-M051	2 / 51 / -32	\$ 5.01	\$ 16.43
T-FGHD-SRHD-2.25-M057	2 ¼ / 57 / -36	\$ 5.58	\$ 18.30
T-FGHD-SRHD-2.50-M064	2 ½ / 64 / -40	\$ 6.13	\$ 20.11
T-FGHD-SRHD-2.75-M070	2 ¾ / 70 / -44	\$ 6.67	\$ 21.88
T-FGHD-SRHD-3.00-M076	3 / 76 / -48	\$ 6.91	\$ 22.66
T-FGHD-SRHD-3.25-M083	3 ¼ / 83 / -52	\$ 7.81	\$ 25.62
T-FGHD-SRHD-3.50-M089	3 ½ / 89 / -56	\$ 8.68	\$ 28.47
T-FGHD-SRHD-3.75-M095	3 ¾ / 95 / -60	\$ 9.44	\$ 30.96
T-FGHD-SRHD-4.00-M102	4 / 102 / -64	\$ 10.01	\$ 32.83
T-FGHD-SRHD-4.25-M108	4 ¼ / 108 / -68	\$ 10.61	\$ 34.80
T-FGHD-SRHD-4.50-M114	4 ½ / 114 / -72	\$ 11.37	\$ 37.30
T-FGHD-SRHD-4.75-M121	4 ¾ / 121 / -76	\$ 11.97	\$ 39.26
T-FGHD-SRHD-5.00-M127	5 / 127 / -80	\$ 12.84	\$ 42.12
T-FGHD-SRHD-5.25-M133	5 ¼ / 133 / -84	\$ 13.79	\$ 45.23
T-FGHD-SRHD-5.50-M140	5 ½ / 140 / -88	\$ 14.71	\$ 48.25
T-FGHD-SRHD-5.75-M146	5 ¾ / 146 / -92	\$ 15.65	\$ 51.33
T-FGHD-SRHD-6.00-M152	6 / 152 / -96	\$ 16.58	\$ 54.38
T-FGHD-SRHD-6.25-M159	6 ¼ / 159 / -100	\$ 17.47	\$ 57.30
T-FGHD-SRHD-6.50-M165	6 ½ / 165 / -104	\$ 18.39	\$ 60.32
T-FGHD-SRHD-6.75-M171	6 ¾ / 171 / -108	\$ 19.27	\$ 63.21
T-FGHD-SRHD-7.00-M178	7 / 178 / -112	\$ 20.18	\$ 66.19
T-FGHD-SRHD-7.25-M184	7 ¼ / 184 / -116	\$ 21.09	\$ 69.18
T-FGHD-SRHD-7.50-M191	7 ½ / 191 / -120	\$ 22.02	\$ 72.23
T-FGHD-SRHD-7.75-M197	7 ¾ / 197 / -124	\$ 22.98	\$ 75.37
T-FGHD-SRHD-8.00-M203	8 / 203 / -128	\$ 23.87	\$ 78.29
T-FGHD-SRHD-8.25-M210	8 ¼ / 210 / -132	\$ 24.84	\$ 81.48
T-FGHD-SRHD-8.50-M216	8 ½ / 216 / -136	\$ 25.78	\$ 84.56
T-FGHD-SRHD-8.75-M222	8 ¾ / 222 / -140	\$ 26.81	\$ 87.94
T-FGHD-SRHD-9.00-M229	9 / 229 / -144	\$ 27.85	\$ 91.35
T-FGHD-SRHD-9.25-M235	9 ¼ / 235 / -148	\$ 28.47	\$ 93.38
T-FGHD-SRHD-9.50-M241	9 ½ / 241 / -152	\$ 28.94	\$ 94.92
T-FGHD-SRHD-9.75-M248	9 ¾ / 248 / -156	\$ 29.53	\$ 96.86
T-FGHD-SRHD-10.00-M254	10 / 254 / -160	\$ 30.03	\$ 98.50

Add “-C4” for double layer stitched (approx .27”) thick

Tape is nominal 0.1350” / 3.4mm thick nominal single layer.

This product is available By-The-Foot. For sizes larger than 10” wide please call for a quote

500°F / 260°C continuous rating with weld splatter / molten metal splash protection.

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will “smoke-off” at elevated temperatures.



Two-Side Silicone Rubber Coated Fiberglass Slit Tape & Wrap, Non-Adhesive, Weld Splatter Protection

500°F / 260°C: High Temperature, Heat & Flame Resistant



This tape is made from silicone rubber coated fabric; and is typically used as a gasket material or to wrap hydraulic hoses, lines, cables and wiring when a sleeve cannot be installed. The tape has an internal woven fiberglass fabric base which allows only a very minimal amount of bias elongation and negligible elongation along its width and length. (1-side coated tapes such as part number T-FG-SR provide higher elongation).

Tape thicknesses A is made by slitting the fabric roll, while thicknesses B and C are made by layering and stitching. Also an excellent cold temperature tape with flexibility to -76°C for refrigeration and cryogenic applications.

The edges of this tape can be sealed with our liquid silicone SleeveSeal™. This tape makes an excellent weatherproofing when sealed with SleeveSeal™ Tape or Dip or Paste.

500°F / 260°C continuous rating with weld splatter / molten metal splash protection

FlameShield™ High Temperature Two-Side Silicone Rubber Coated Fiberglass Tape & Wrap					
Part Number	Width in / mm		Price per Foot / Metre by Thickness: A / B / C		
			A	B	C
			1/16" / 1.59mm	1/8" / 3.18mm	1/4" / 6.35mm
T-FG-SR-S2-M025-16-X	1.0	25	\$ 1.92 / \$ 6.30	\$ 3.84 / \$ 12.60	\$ 7.68 / \$ 25.19
T-FG-SR-S2-M032-20-X	1.25	32	\$ 2.40 / \$ 7.87	\$ 4.80 / \$ 15.74	\$ 9.60 / \$ 31.49
T-FG-SR-S2-M038-24-X	1.5	38	\$ 2.88 / \$ 9.45	\$ 5.76 / \$ 18.89	\$ 11.52 / \$ 37.79
T-FG-SR-S2-M051-32-X	2.0	51	\$ 3.84 / \$ 12.60	\$ 7.68 / \$ 25.19	\$ 15.36 / \$ 50.38
T-FG-SR-S2-M064-40-X	2.5	64	\$ 4.80 / \$ 15.74	\$ 9.60 / \$ 31.49	\$ 19.20 / \$ 62.98
T-FG-SR-S2-M076-48-X	3.0	76	\$ 5.76 / \$ 18.89	\$ 11.52 / \$ 37.79	\$ 23.04 / \$ 75.57
T-FG-SR-S2-M089-56-X	3.5	89	\$ 6.72 / \$ 22.04	\$ 13.44 / \$ 44.08	\$ 26.88 / \$ 88.17
T-FG-SR-S2-M102-64-X	4.0	102	\$ 7.68 / \$ 25.19	\$ 15.36 / \$ 50.38	\$ 30.72 / \$ 100.76
T-FG-SR-S2-M127-80-X	5.0	127	\$ 9.60 / \$ 31.49	\$ 19.20 / \$ 62.98	\$ 38.40 / \$ 125.95
T-FG-SR-S2-M152-96-X	6.0	152	\$ 11.52 / \$ 37.79	\$ 23.04 / \$ 75.57	\$ 46.08 / \$ 151.14
T-FG-SR-S2-M178-112-X	7.0	178	\$ 13.44 / \$ 44.08	\$ 26.88 / \$ 88.17	\$ 53.76 / \$ 176.33
T-FG-SR-S2-M203-128-X	8.0	203	\$ 15.36 / \$ 50.38	\$ 30.72 / \$ 100.76	\$ 61.44 / \$ 201.52
T-FG-SR-S2-M254-160-X	10.0	254	\$ 19.20 / \$ 62.98	\$ 38.40 / \$ 125.95	\$ 76.88 / \$ 252.17
T-FG-SR-S2-M305-192-X	12.0	305	\$ 23.04 / \$ 75.57	\$ 46.08 / \$ 151.14	\$ 92.16 / \$ 302.29
T-FG-SR-S2-M355-224-X	14.0	355	\$ 26.88 / \$ 88.17	\$ 53.76 / \$ 176.33	\$ 107.52 / \$ 352.67
T-FG-SR-S2-M457-288-X	18.0	457	\$ 34.56 / \$ 113.36	\$ 69.12 / \$ 226.71	\$ 138.24 / \$ 453.43
T-FG-SR-S2-M508-320-X	20.0	508	\$ 38.40 / \$ 125.95	\$ 76.80 / \$ 251.91	\$ 153.60 / \$ 503.81

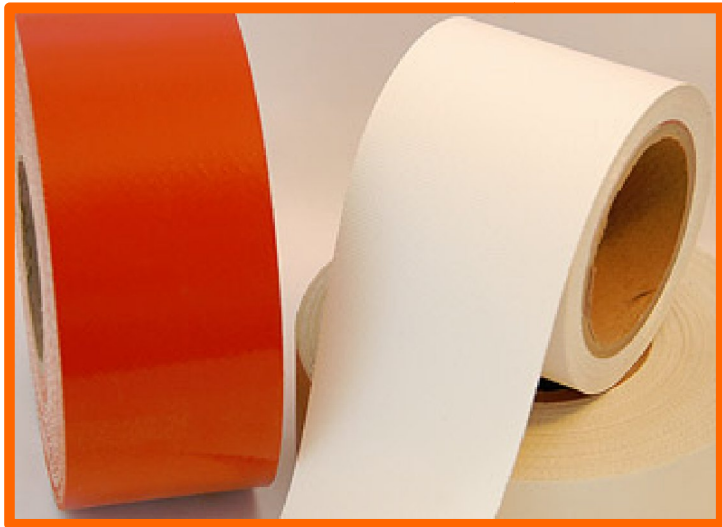
- For the "X" value, specify A, B or C in part number to correspond to the desired thickness
 A1 = 1/16" / .0625" / 1.59mm B2 = 1/8" / .125" / 3.18mm C4 = 1/4" / .250" / 6.35mm

Band clamps, wire ties or other fasteners can be used to secure the tape if necessary along the wrapped length or at the end of the wrap. An alternative to using this tape is to use sleeve with Velcro closure. For gasket applications, this tape can usually be secured with a silicone adhesive such as our AB-HTG-165 (general purpose high temperature silicone adhesive) or AB-SRB-201 (specialty adhesive for bonding silicone rubber components together). For larger sizes than 12" please call for a quote

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.

Silicone Rubber Coated Fiberglass Reinforced Tape Premium Grade (No Adhesive)

-100°F to 450°F / -73°C to 232°C: High Temperature Heat & Chemical Resistance
 DeltaGlass™



- e-fiberglass core.
- Silicone rubber coating.
- Excellent release properties.
- High dielectric factor.

This fabric offers high temperature range with excellent resistance to almost all solvents, caustics and acids. Non-porous finish. Welding splatter, spark and molten splash resistant.

The base fabric is rated to 1200°F / 648°C.

Used as gaskets, safety curtains, conveyor belts. Used to wrap other insulation materials on piping to provide contamination protection.

Any Width Is Available Between 1/2" and 36 inches

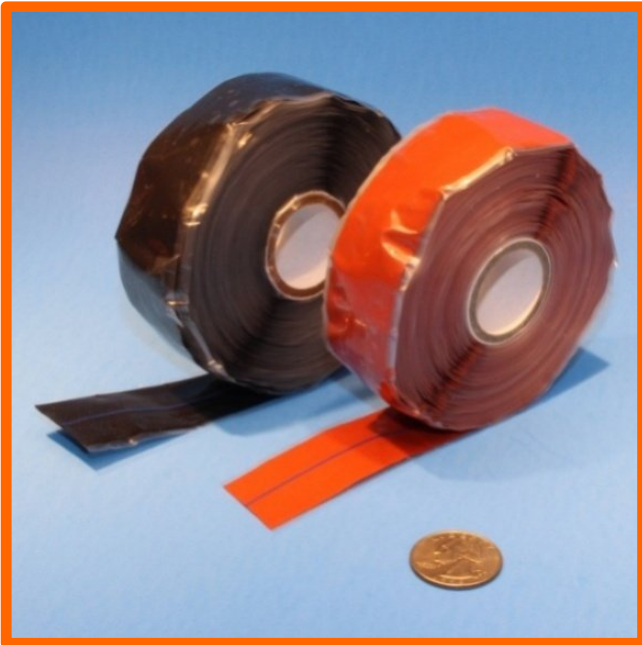
450°F / 232°C continuous rating, high insulation value & excellent personnel protection

High Temperature, Heat & Chemical Resistance DeltaGlass™ E-glass Fiberglass Tape with Silicone Rubber Coating – Premium Grade				
Part Number	Thickness, in.	Tensile warp lbs/in	Weight oz/yd ²	Price per Inch of Roll Width (Roll Length: 18 yd / 36 yd)
T-FG-SR2-P-009339-10-W	.0093	74	10	\$ 38.35 / \$ 76.70
T-FG-SR2-P-015039-16-R/W	.0150	229	16	\$ 34.93 / \$ 69.85
T-FG-SR2-P-020339-22-R	.0203	263	22	\$ 36.10 / \$ 72.20
T-FG-SR2-P-022039-22-R/W	.0220	285	22	\$ 54.08 / \$ 108.15
T-FG-SR1-P-023037.5-24-R*	.0230	350	24	\$ 51.09 / \$ 102.17
T-FG-SR2-P-029539-32-R	.0295	286	32	\$ 65.47 / \$ 130.93
T-FG-SR2-P-040039-41-W	.0400	410	41	\$ 68.87 / \$ 137.73

- * This tape is coated with a saturation process that leave the reverse side fabric sealed but with no extra coverage over the base fabric that the other versions have.
- W at the end of the part number indicates white color. R indicates red color.

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).
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- 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 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-RXX-20	1/2 / 12.7	0.020 / 0.508	Black or Red / I / Rectangular	\$ 29.37
T-SR-M013-08-TXX-20	1/2 / 12.7	0.020 / 0.508	Black or Red / II / Triangular	\$ 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-RXX-10	1 / 25.4	0.010 / 0.250	Black or Red / I / Rectangular	\$ 29.37
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
T-SR-M051-32-RXX-20	2 / 50.8	0.020 / 0.508	Black or Red / I / Rectangular	\$ 57.13
T-SR-M051-32-TXX-20	2 / 50.8	0.020 / 0.508	Black or Red / II / Triangular	\$ 48.86
Triangular Type II Tapes Only: .020" has a blue guideline / .040" has a green guideline				

Please enquire for pricing on widths and thicknesses other than those listed above.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value in the part number (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

Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 & A-A-59163) Class 1 – Type I and Type II			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape 1.5" wide tape 2.0" wide tape	.010" .020" .030" .040" .020" .020"	+/- .002"	N/A
Width	0.50", 0.75", 1.00", 1.50", 2.00"	+/- .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 (Type II)	.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	1×10^{14} ohms/cm ³	3×10^{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-46852-1I0010 / MIL-I-46852-1I0020 / MIL-I-46852-1I0030

MIL-I-46852-1I0040

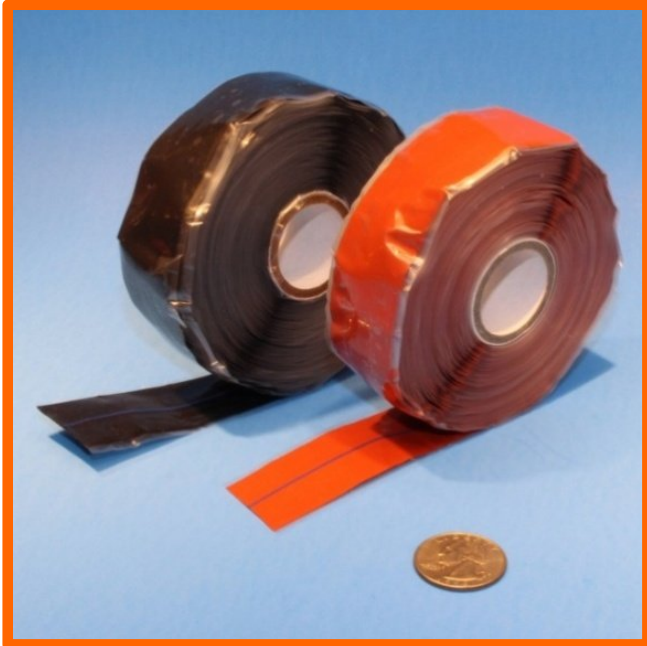
Class 1 - Type I

MIL-I-46852-1II0020 / MIL-I-46852-1II0030 / MIL-I-46852-1II0040

Class 1 - Type II

Silicone Rubber Self Fusing 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).
- 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-I-46852 Specification
 High Temperature Silicone Self Fusing
 Compression/Stretch Electrical Insulating Tape**

**MIL-I-46852-1I0020 / MIL-I-46852-1II0020 / MIL-I-46852-1I0030 / MIL-I-46852-1II0030
 MIL-I-46852-1I0040 / MIL-I-46852-1II0040**

Class 1 – Type I and Class 1 - Type II

Part Number	Tape Width Inches	Thickness inches	Color / Type / Profile	Price Per Roll
MIL-I-46852-1I0020-RXX-0.50	½"	0.020"	Black or Red / Type I / Rectangular	\$ 29.37
MIL-I-46852-1I0020-TXX-0.50	½"	0.020"	Black or Red / Type II / Triangular	\$ 29.37
MIL-I-46852-1I0030-RXX-0.50	½"	0.030"	Black or Red / Type I / Rectangular	\$ 37.16
MIL-I-46852-1I0020-RBK-0.62	5/8"	0.020"	Black / Type I / Rectangular	\$ 30.17
MIL-I-46852-1I0020-RBK-0.75	¾"	0.020"	Black / Type I / Rectangular	\$ 31.96
MIL-I-46852-1I0010-RXX-1.00	1"	0.010"	Black or Red / Type I / Rectangular	\$ 29.37
MIL-I-46852-1II0020-TXX-1.00	1"	0.020"	Black or Red / Type II / Triangular	\$ 33.80
MIL-I-46852-1I0020-RXX-1.00	1"	0.020"	Black or Red / Type I / Rectangular	\$ 34.71
MIL-I-46852-1II0040-TXX-1.00	1"	0.040"	Black or Red / Type II / Triangular	\$ 37.91
MIL-I-46852-1I0040-RXX-1.00	1"	0.040"	Black or Red / Type I / Rectangular	\$ 39.64
MIL-I-46852-1I0020-RXX-1.50	1 ½"	0.020"	Black or Red / Type I / Rectangular	\$ 48.77
MIL-I-46852-1I0012-RXX-1.50	1 ½"	0.012"	Black or Red / Type I / Rectangular	\$ 38.47
MIL-I-46852-1I0020-RXX-2.00	2"	0.020"	Black or Red / Type I / Rectangular	\$ 57.13
MIL-I-46852-1I0020-TXX-2.00	2"	0.020"	Black or Red / Type II / Triangular	\$ 48.86

Guideline Color on Type II Triangular Tapes Only: .020" = blue / .030" = white / .040" = green
 Type II edge thickness is .008" +/- .001"

Please enquire for pricing on widths and thicknesses other than those listed above.

- 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.

FlameShield™ MIL-I-46852 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape meeting MIL-I-46852 Class 1 – Type I and Type II			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	.010" .020" .030" .040"	+/- .002"	N/A
Width	0.50", 0.625", 0.75", 1.00", 1.50", 2.00"	+/- .020"	N/A
Length	36 feet / 12 yards	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	.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	.010" tape: 400 V/mil .020" tape: 400 V/mil .030" tape: 400 V/mil .040" tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1×10^{14} ohms/cm ³	3×10^{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

AA59163-1I0010 / AA59163-1I0020 / AA59163-1I0030 / AA59163-1I0040
Class 1 - Type I

AA59163-1II0020 / AA59163-1II0030 / AA59163-1II0040
Class 1 - Type II

Silicone Rubber Self Fusing 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).
- 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™ CID AA-59163 Specification
High Temperature Silicone Self Fusing
Compression/Stretch Electrical Insulating Tape**

**AA59163-1I0020 / AA59163-1II0020 / AA59163-1I0030 / AA59163-1II0030
AA59163-1I0040 / AA59163-1II0040**

Class 1 – Type I and Class 1 - Type II

Part Number	Tape Width Inches	Thickness inches	Color / Type / Profile	Single Roll Price Per Roll
AA59163-1I0020-RXX-0.50	½"	0.020"	Black or Red / Type I / Rectangular	\$ 29.37
AA59163-1I0020-TXX-0.50	½"	0.020"	Black or Red / Type II / Triangular	\$ 29.37
AA59163-1I0030-RXX-0.50	½"	0.030"	Black or Red / Type I / Rectangular	\$ 37.16
AA59163-1I0020-RBK-0.62	5/8"	0.020"	Black / Type I / Rectangular	\$ 30.17
AA59163-1I0020-RBK-0.75	¾"	0.020"	Black / Type I / Rectangular	\$ 31.96
AA59163-1I0010-RXX-1.00	1"	0.010"	Black or Red / Type I / Rectangular	\$ 29.37
AA59163-1II0020-TXX-1.00	1"	0.020"	Black or Red / Type II / Triangular	\$ 33.80
AA59163-1I0020-RXX-1.00	1"	0.020"	Black or Red / Type I / Rectangular	\$ 34.71
AA59163-1II0040-TXX-1.00	1"	0.040"	Black or Red / Type II / Triangular	\$ 37.91
AA59163-1I0040-RXX-1.00	1"	0.040"	Black or Red / Type I / Rectangular	\$ 39.64
AA59163-1I0020-RXX-1.50	1 ½"	0.020"	Black or Red / Type I / Rectangular	\$ 48.77
AA59163-1I0012-RXX-1.50	1 ½"	0.012"	Black or Red / Type I / Rectangular	\$ 38.47
AA59163-1I0020-RXX-2.00	2"	0.020"	Black or Red / Type I / Rectangular	\$ 57.13
AA59163-1I0020-TXX-2.00	2"	0.020"	Black or Red / Type II / Triangular	\$ 48.86

Guideline Color on Type II Triangular Tapes Only: .020" = blue / .030" = white / .040" = green

Type II edge thickness is .008" +/- .001"

Please enquire for pricing on widths and thicknesses other than those listed above.

- 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.

FlameShield™ CID AA-59163 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 & A-A-59163) Class 1 – Type I and Type II			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	.010" .020" .030" .040"	+/- .002"	N/A
Width	0.50", 0.625", 0.75", 1.00", 1.50", 2.00"	+/- .020"	N/A
Length	36 feet / 12 yards	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	.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	.010" tape: 400 V/mil .020" tape: 400 V/mil .030" tape: 400 V/mil .040" tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1 x 10 ¹⁴ ohms/cm ³	3 x 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

AA59163-1I0010 / AA59163-1I0020 / AA59163-1I0020 / AA59163-1I0030
AA59163-1I0030 / AA59163-1I0040 / AA59163-1I0040
Class 2 - Type IM and Class2 - Type IIM
Silicone Rubber Self Fusing 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 0.250mm to 0.750mm thick tape, 300 V/mil for 1.000mm thick tape.
 - ASTM D 412; provides minimum 4800 kPa 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).
- 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™ CID AA-59163 Specification
High Temperature Silicone Self Fusing
Compression/Stretch Electrical Insulating Tape**

**AA59163-1I0020 / AA59163-1II0020 / AA59163-1I0030 / AA59163-1II0030
AA59163-1I0040 / AA59163-1II0040**

Class 2 – Type IM and Class 2 - Type IIM

Part Number	Tape Width mm	Thickness mm	Color / Type / Profile	Single Roll Price Per Roll
AA59163-2IM0500-RBK-13	13	0.500	Black / Type IM / Rectangular	\$ 29.37
AA59163-2IM0750-RXX-13	13	0.750	Black or Red / Type IM / Rectangular	\$ 37.16
AA59163-2IM0500-RBK-15	15	0.500	Black / Type IM / Rectangular	\$ 30.17
AA59163-2IM0500-RBK-20	20	0.500	Black / Type IM / Rectangular	\$ 31.96
AA59163-2IM0250-RXX-25	25	0.250	Black or Red / Type IM / Rectangular	\$ 29.37
AA59163-2IIM0500-TXX-25	25	0.500	Black or Red / Type IIM / Triangular	\$ 33.80
AA59163-2IM0500-RXX-25	25	0.500	Black or Red / Type IM / Rectangular	\$ 34.71
AA59163-2IIM1000-TXX-25	25	1.000	Black or Red / Type IIM / Triangular	\$ 37.91
AA59163-2IM1000-RXX-25	25	1.000	Black or Red / Type IM / Rectangular	\$ 39.64
AA59163-2IM0500-RXX-38	38	0.500	Black or Red / Type IM / Rectangular	\$ 48.77
AA59163-2IM0300-RXX-38	38	0.300	Black or Red / Type IM / Rectangular	\$ 38.47
AA59163-2IM0500-RXX-50	50	0.500	Black or Red / Type IM / Rectangular	\$ 57.13
AA59163-2IIM0500-TXX-50	50	0.500	Black or Red / Type IIM / Triangular	\$ 48.86

Guideline Color on Type IIM Triangular Tapes Only: .500mm = blue / .750mm = white / 1.000mm = green

Type IIM edge thickness is 0.215mm +/- 0.015mm

Please enquire for pricing on widths and thicknesses other than those listed above.

- 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.

FlameShield™ CID AA-59163 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 & A-A-59163) Class 2 – Type IM and Type IIM			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	0.250mm 0.500mm 0.750mm 1.000mm	+/- .002"	N/A
Width	13mm, 19mm, 25mm, 38mm, 50mm	+/- .020"	N/A
Length	10.9m	+/- 120mm	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	0.500mm Tapes: Blue 0.750mm Tapes: White 1.000mm 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	4800 kPa (minimum)	7400	ASTM D412 / D119
Dielectric Strength	0.250mm tape: 400 V/mil 0.500mm tape: 400 V/mil 0.750mm tape: 400 V/mil 1.000mm tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1.7 x 10 ¹⁴ nanoohm metre	3 x 10 ¹⁴	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (25mm Width)	0.9 kilogram-force	2.6	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

FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Tape				
Meets MIL-I-22444 Type I				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
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.

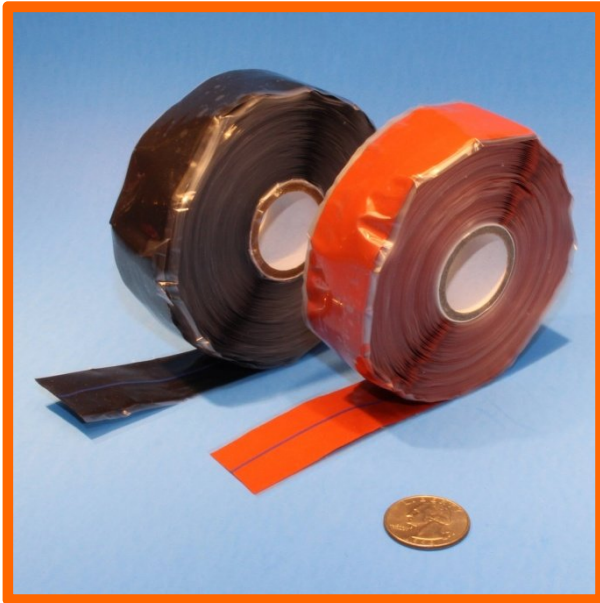
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

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.
- Type I meets MIL-I-22444 specifications. Type II meets Mil-I-46852, 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
BOEING DMS 2186 Type I (meets MIL-I-22444)			
T-SR-BOEING-DMS2186-1S-0.75-20-XX	¾ / 19	0.020 / 0.51	\$ 63.96
T-SR-BOEING-DMS2186-1S-1.00-20-XX	1 / 25	0.020 / 0.51	\$ 88.96
BOEING DMS 2186 Type II (meets MIL-I-46852 / AA-59163)			
T-SR-BOEING-DMS2186-2-1.00-20-XX	1 / 25	0.020 / 0.51	\$ 45.46
T-SR-BOEING-DMS2186-2-1.00-30-XX	1 / 25	0.030 / 0.76	\$ 59.10
T-SR-BOEING-DMS2186-2-1.00-40-XX	1 / 25	0.040 / 1.01	\$ 72.97
T-SR-BOEING-DMS2186-2-1.25-50-XX	1 1/4 / 32	0.050 / 1.27	\$ 83.91
T-SR-BOEING-DMS2186-2-1.25-60-XX	1 1/2 / 38	0.060 / 1.52	\$ 96.74
T-SR-BOEING-DMS2186-2-1.25-80-XX	1 1/2 / 38	0.080 / 2.03	\$ 112.12

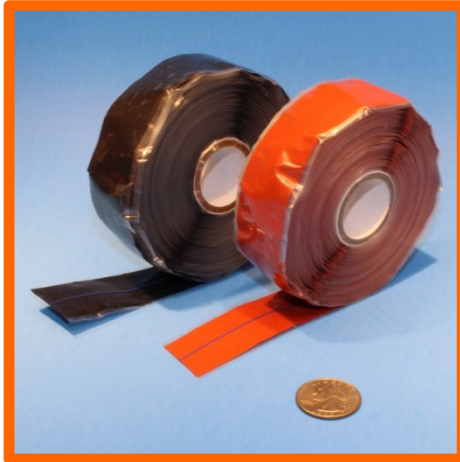
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black
- DMS2186 specification does not allow tapes to be thinner than .020"

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. Recertification is available.



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

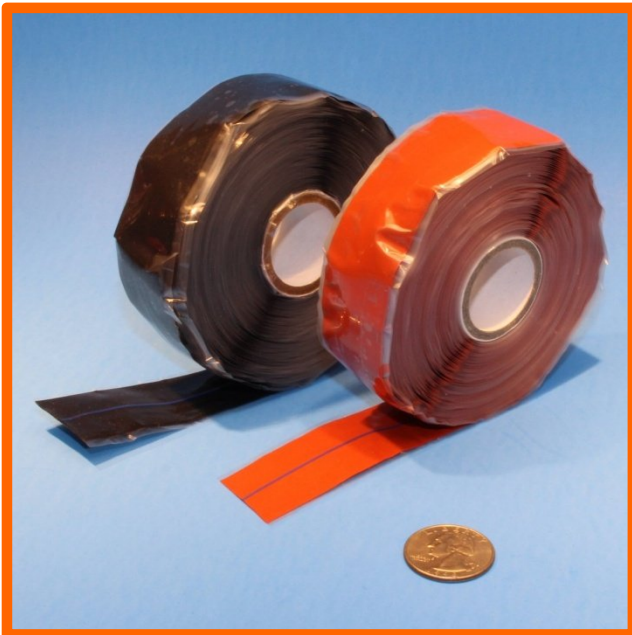
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
MMS J517 Type I			
T-SR-MMSJ517-1-08-10	1/2 / 13	0.010 / 0.25	\$ 27.12
T-SR- MMSJ517-1-08-20	1/2 / 13	0.020 / 0.51	\$ 28.66
T-SR-MMSJ517-1-08-30	1/2 / 13	0.030 / 0.76	\$ 30.46
T-SR-MMSJ517-1-12-10	3/4 / 19	0.010 / 0.25	\$ 29.55
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
MMS J517 Type II			
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.

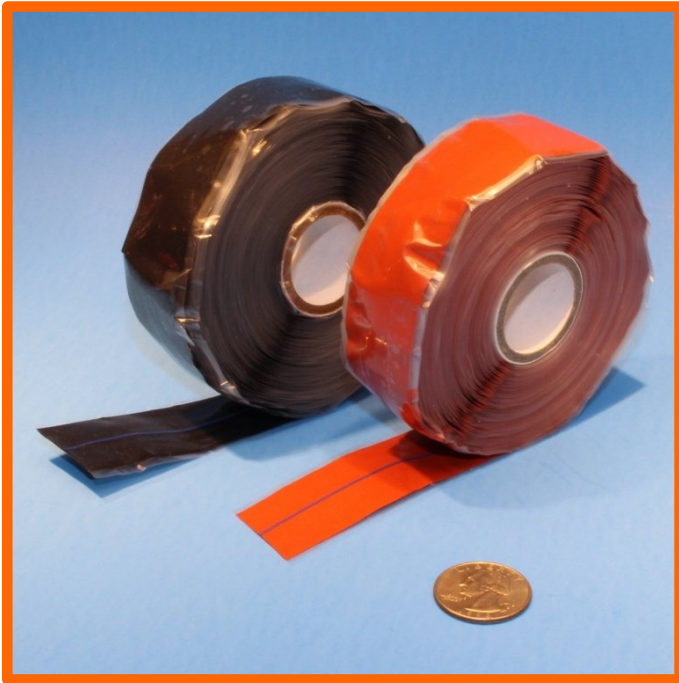
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Meets Lockheed Martin Space Systems 5-00857 & 5-00615 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Specification 5-00857			
T-SR-5-00857-S-X-Y-ZZ	As per specification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

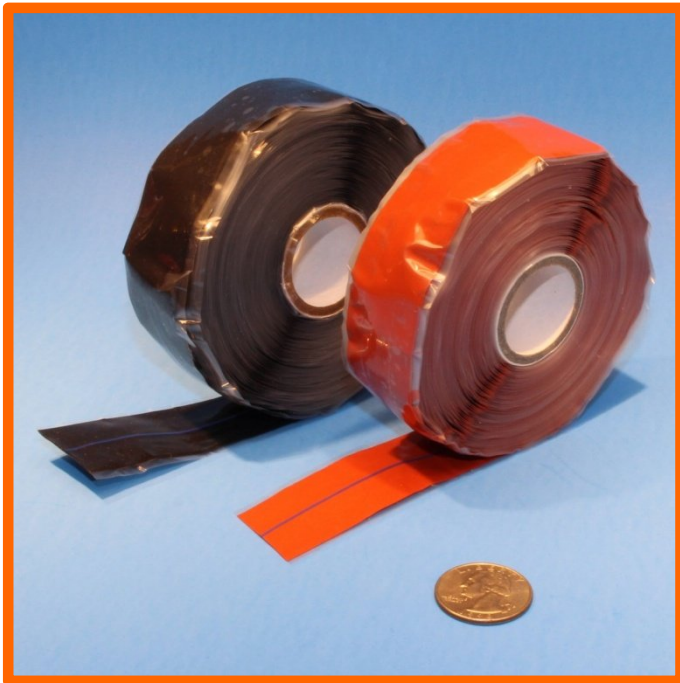
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets Lockheed Martin Tactical Systems P5189 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Specification P5189			
T-SR-P5189-S-08	1/2 / 13	As per specification	\$ 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
Specification 6084744			
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



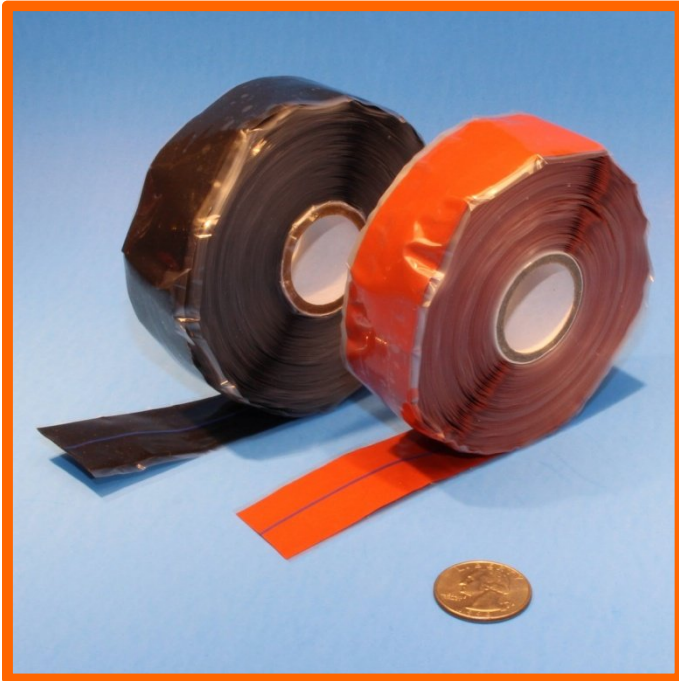
- Meets General Dynamics P5384 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: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



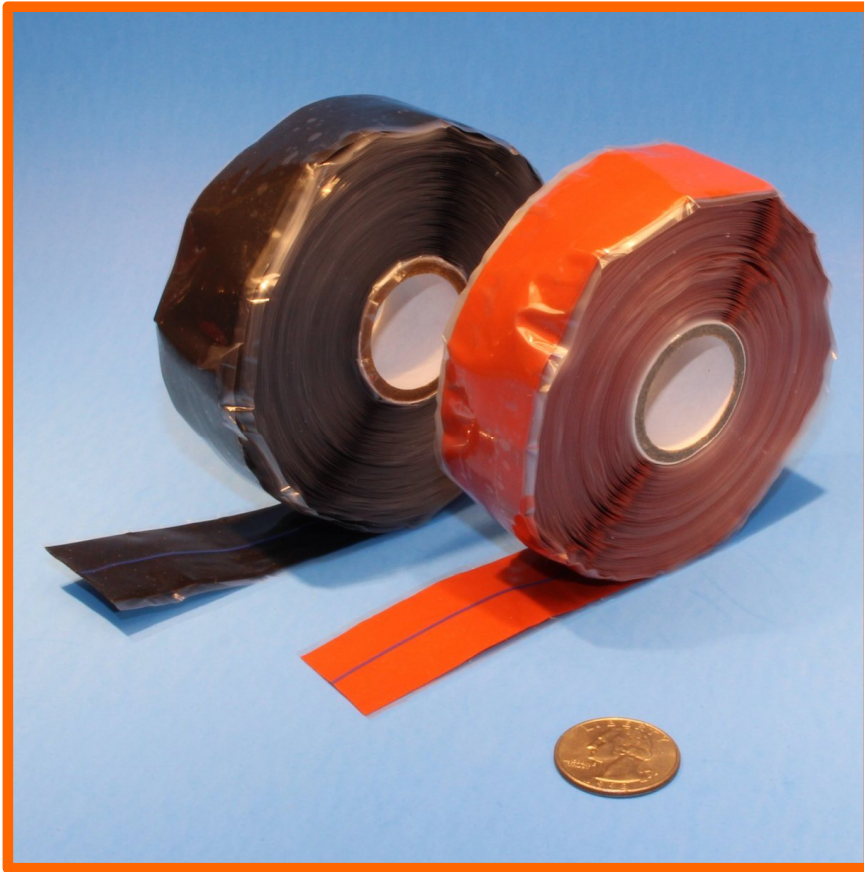
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination 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
ST0130RB0078 Type I Tape			
T-SR-ST0130RB0078-1T	As per specification	As per specification	\$ 33.80
ST0130RB0078 Type II Tape			
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

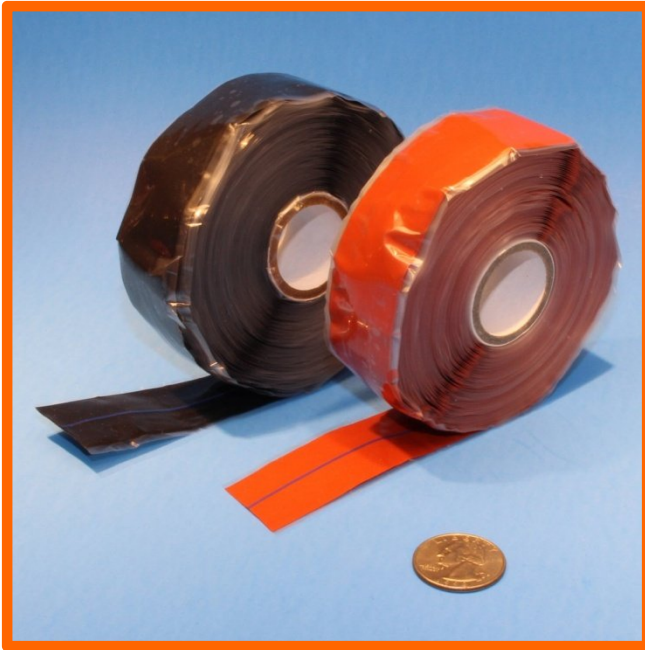
These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.



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
A50A493A Tape:			
T-SR-GEPG-93A-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
A50A493B Tape:			
T-SR-GEPG-93B-T-16-40	1 / 25	0.040 / 1.02	\$ 37.91
A50A493C Tape:			
T-SR-GEPG-93C-R-16-20	1 / 25	0.020 / 0.51	\$ 46.43
A50A493D Tape:			
T-SR-GEPG-93D-R-48-30	3 / 76	0.030 / 0.76	\$ 104.87
3003M70P01 Tape:			
T-SR-GEPG-P01-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
3003M70P02 Tape:			
T-SR-GEPG-P02-R-12-20	3/4 / 19	0.020 / 0.51	\$ 31.96
3003M70P03 Tape:			
T-SR-GEPG-P03-R-08-20	1/2 / 13	0.020 / 0.51	\$ 29.37
3003M70P04 Tape:			
T-SR-GEPG-P04-R-24-60	3 / 76	0.060 / 1.52	\$ 48.77

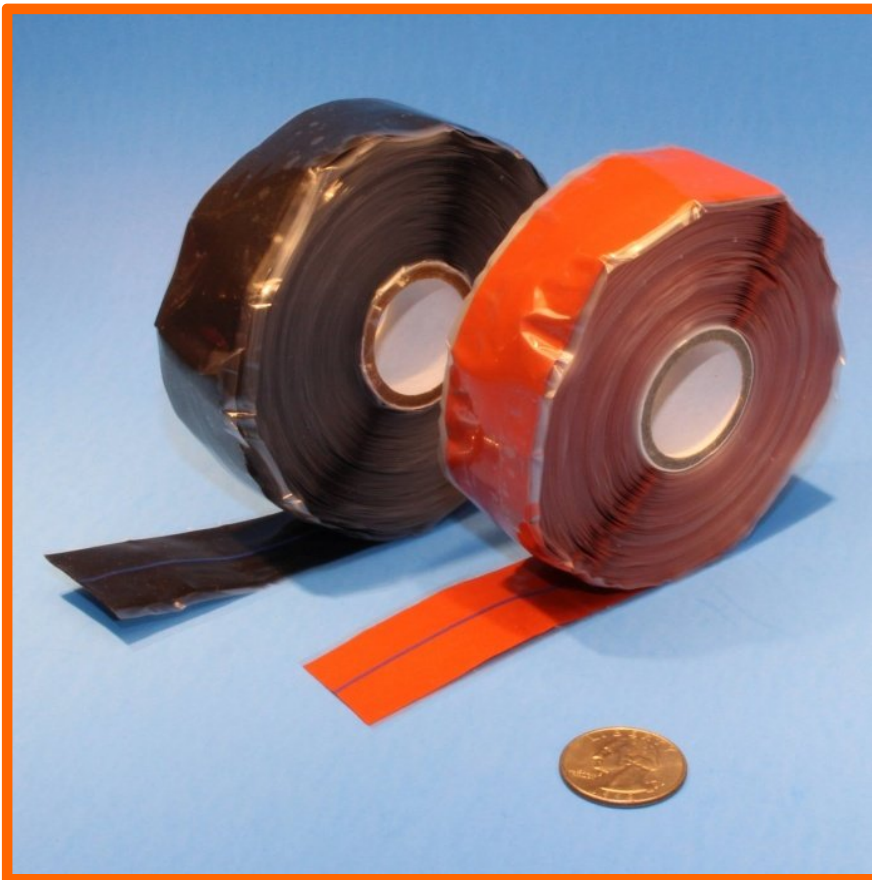
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions of A50A493 are Oxide-Red



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



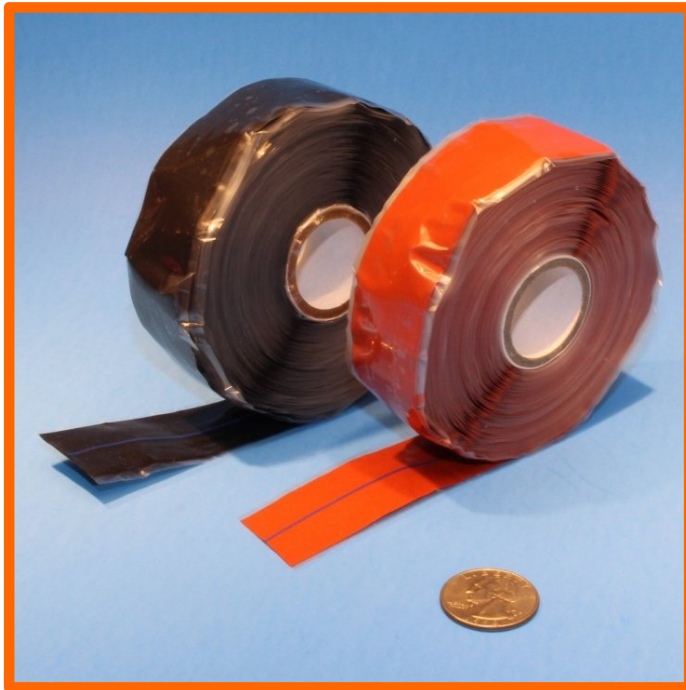
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination 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
A50E112 Tape & 8355873 Tape			
T-SR-GETS-R-S-16-20	1 / 25	0.020 / 0.51	\$ 33.80
A50E112 Tape & 8355873 Tape High Strength Version			
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



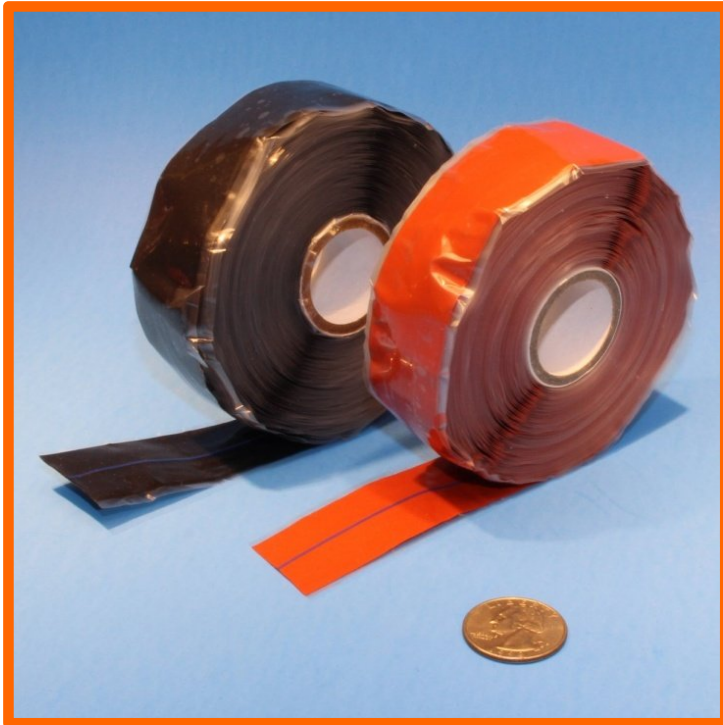
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination 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.

FlameShield™ Rohr RMS315 Tape			
High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
Rohr RMS315 Type I Tape			
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
Rohr RMS315 Type II Tape			
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
Rohr RMS315 Type III Tape			
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

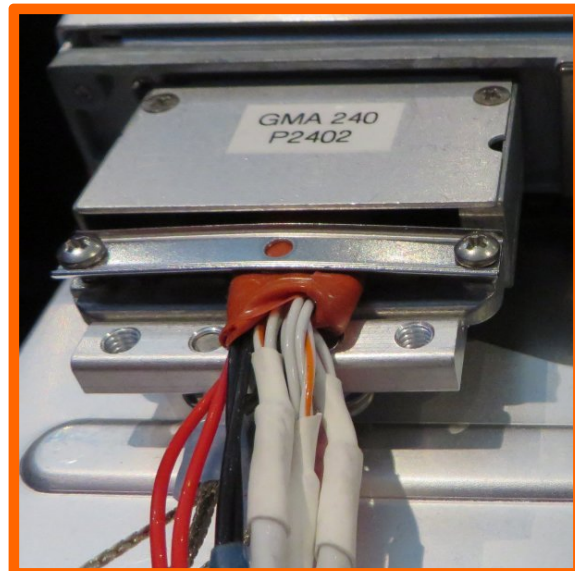
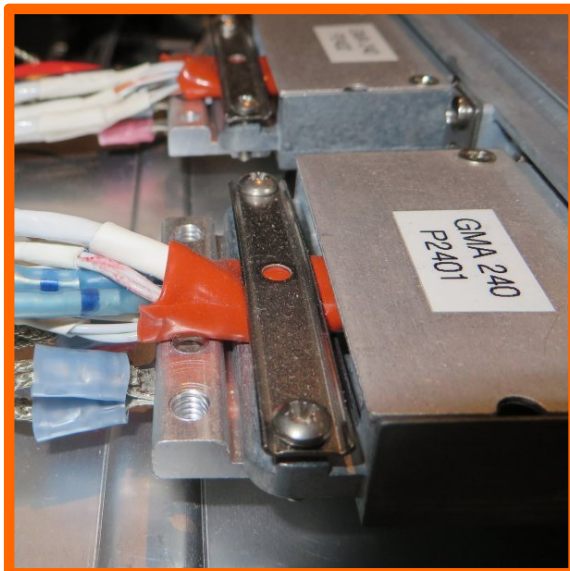


Garmin 249-00114-00 Silicone Rubber Tape
500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape
High Temperature, Heat & Flame Resistant



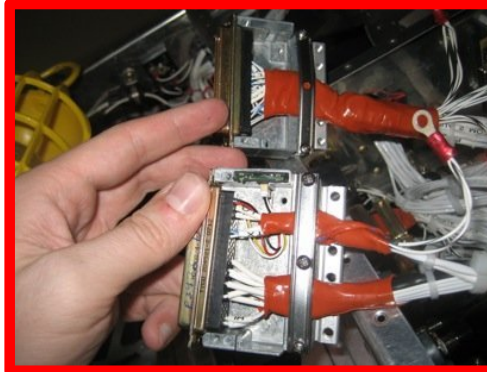
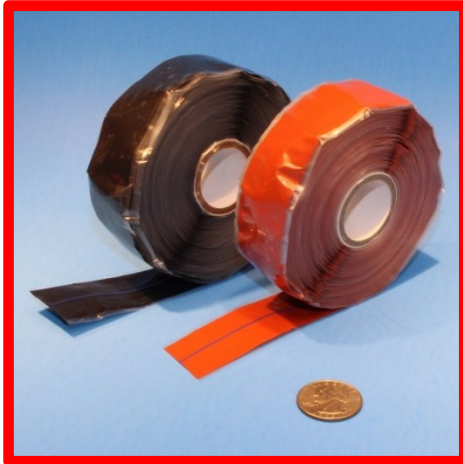
- Garmin 249-00114-00 tape is supplied in red. Black also available but does not have a Garmin part number. Same tape characteristics and meets same specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- 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 Garmin 249-00114-00			
Part Number	Tape Width and Thickness Inches / mm	Color	Price Per Roll
T-SR-Garmin-249-00114	As per Garmin specification	Oxide-Red	\$ 33.64
T-SR-Garmin-BK	As per Garmin specification	Black	\$ 33.64





Amphenol Connector Backshell Strain Relief Isolation Tape/Bushing
500°F / 260°C: FlameShield™ Silicone Rubber Isolation Tape
High Temperature, Heat & Flame Resistant



- Suitable for all Amphenol round and flat backshell strain relief clamps.
- Equivalent to Garmin 249-00114-00 tape for aviation use.
- 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 all Mil-I-46852 / AA59163 and other proprietary electrical and mechanical specifications. Available as Class 1 Type I and Type II or Class 2 tape Type I and Type II. (Class 1 is inch-pound specification, Class 2 is millimetre-kg specification)
- Available in Oxide-Red, Black. A supported re-enforced version is available. Tape thickness includes .020", .030" and .040". Widths include 0.5", 0.75", 1.00", 1.50", 2.00". Available in Rectangular (Type I) and Triangular (Type II) profiles. Certification available.

Amphenol Connector Backshell Strain Relief Isolation 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-AMPHENOL-08-RB-20	1/2 / 12.7	0.020 / 0.508	Black / I / Rectangular	\$ 29.37
T-SR-AMPHENOL-08-RX-30	1/2 / 12.7	0.030 / 0.760	Black or Red / I / Rectangular	\$ 37.16
T-SR-AMPHENOL-10-RB-20	5/8 / 15.7	0.020 / 0.508	Black / I / Rectangular	\$ 30.17
T-SR-AMPHENOL-12-RB-20	3/4 / 19	0.020 / 0.508	Black / I / Rectangular	\$ 31.96
T-SR-AMPHENOL-16-TX-20	1 / 25.4	0.020 / 0.508	Black or Red / II / Triangular	\$ 33.80
T-SR-AMPHENOL-16-RX-20	1 / 25.4	0.020 / 0.508	Black or Red / I / Rectangular	\$ 34.71
T-SR-AMPHENOL-16-TX-40	1 / 25.4	0.040 / 1.000	Black or Red / II / Triangular	\$ 37.91
T-SR-AMPHENOL-16-RX-40	1 / 25.4	0.040 / 1.000	Black or Red / I / Rectangular	\$ 39.64
T-SR-AMPHENOL-24-RX-20	1 1/2 / 38.1	0.020 / 0.508	Black or Red / I / Rectangular	\$ 48.77
T-SR-AMPHENOL-24-RX-12	1 1/2 / 38.1	0.012 / 0.304	Black or Red / I / Rectangular	\$ 38.47
Guideline Color on Triangular Tapes Only: .020" = blue / .030" = white / .040" = green				

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



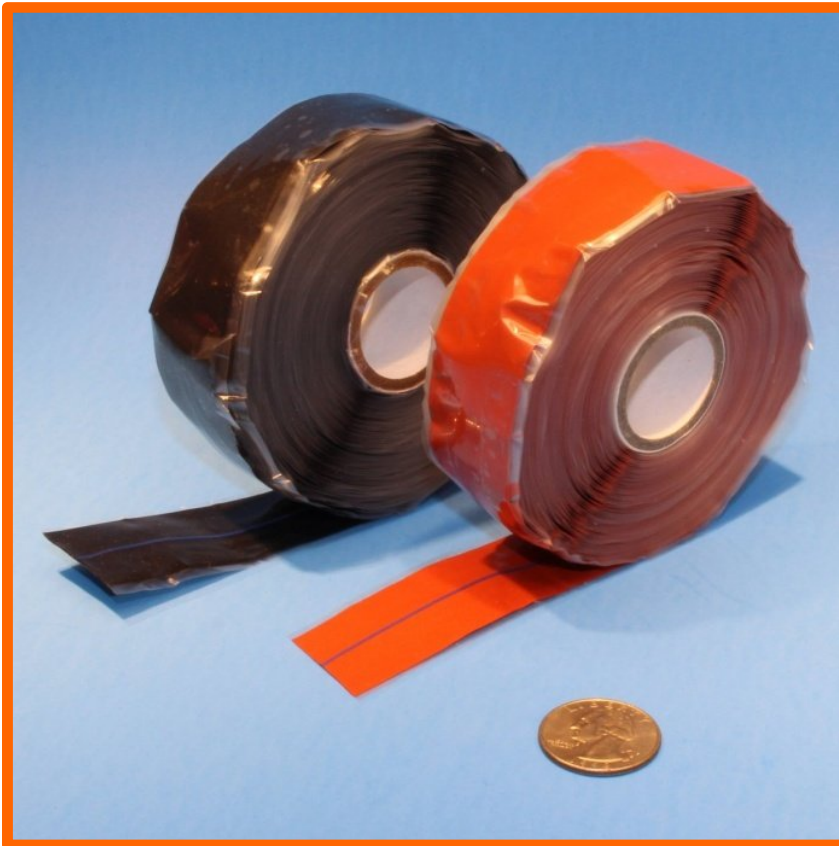
FAR 25.853 - Appendix F Horizontal and Vertical Burn Rate Limits

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
FAR 25.853 Type I Tape (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
FAR 25.853 Type II Tape (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

Color

Our Part Number

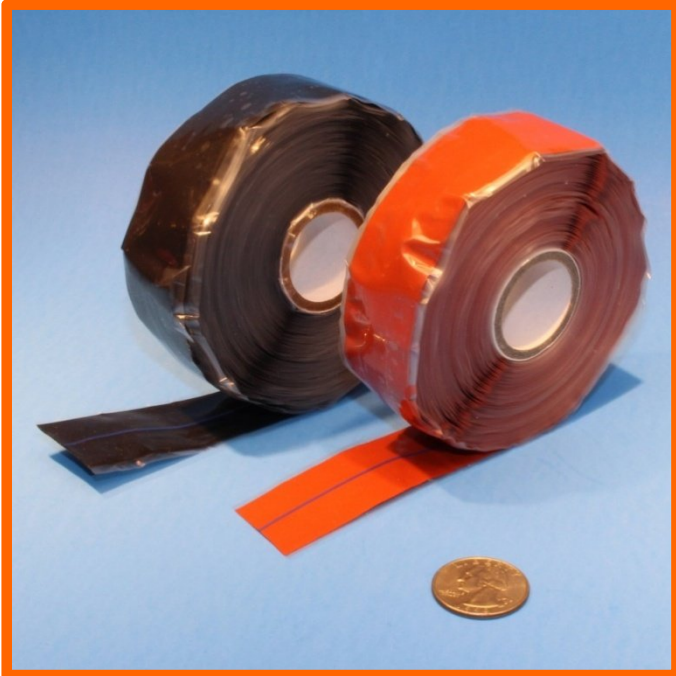
5970-00-082-3226	Black or Red	T-SR-NSN-00-082-3226
5970-00-177-1627	Black	T-SR-NSN-00-177-1627
5970-00-446-3928	Black	T-SR-NSN-00-446-3928
5970-00-446-8928	Red	T-SR-NSN-00-446-8928
5970-00-480-1329	Red	T-SR-NSN-00-480-1329
5970-00-782-5056	Red	T-SR-NSN-00-782-5056
5970-00-841-1172	Red	T-SR-NSN-00-841-1172
5970-00-949-4846	Red	T-SR-NSN-00-949-4846
5970-00-955-9976	Black	T-SR-NSN-00-955-9976
5970-01-140-5672	Red	T-SR-NSN-01-140-5672
5970-01-142-8454	Red	T-SR-NSN-01-142-8454
5970-01-147-3595	Red or Black	T-SR-NSN-01-147-3595
5970-01-250-8756	Red	T-SR-NSN-01-250-8756
5970-01-259-5830	Red or Black	T-SR-NSN-01-259-5830
5970-01-263-0373	Red	T-SR-NSN-01-263-0373
5970-01-263-3931	Black	T-SR-NSN-01-263-3931
5970-01-273-6030	Red or Black	T-SR-NSN-01-273-6030
5970-01-276-5277	Red or Black	T-SR-NSN-01-276-5277
5970-01-286-7456	Red	T-SR-NSN-01-286-7456
5970-01-342-8289	Black	T-SR-NSN-01-342-8289
5970-01-358-0397	Black or Red	T-SR-NSN-01-358-0397
5970-01-396-1601	Red	T-SR-NSN-01-396-1601
5970-01-432-6018	Red	T-SR-NSN-01-432-6018
5970-01-491-8992	Black	T-SR-NSN-01-491-8992
5970-01-495-5211	Black	T-SR-NSN-01-495-5211
5970-01-541-9092	Red or Black	T-SR-NSN-01-541-9092
9320-01-552-7024	Red or Black	T-SR-NSN-01-552-7024
5970-01-560-3208	Red or Black	T-SR-NSN-01-560-3208
8030-01-587-1885	Red	T-SR-NSN-01-587-1885
5970-01-600-6091	Red	T-SR-NSN-01-600-6091
5970-00-839-0824	Red	T-SR-NSN-00-839-0824
5970-14-459-8605	Black	T-SR-NSN-14-459-8605
5970-01-485-5980	Red or Black	T-SR-NSN-01-485-5980



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.

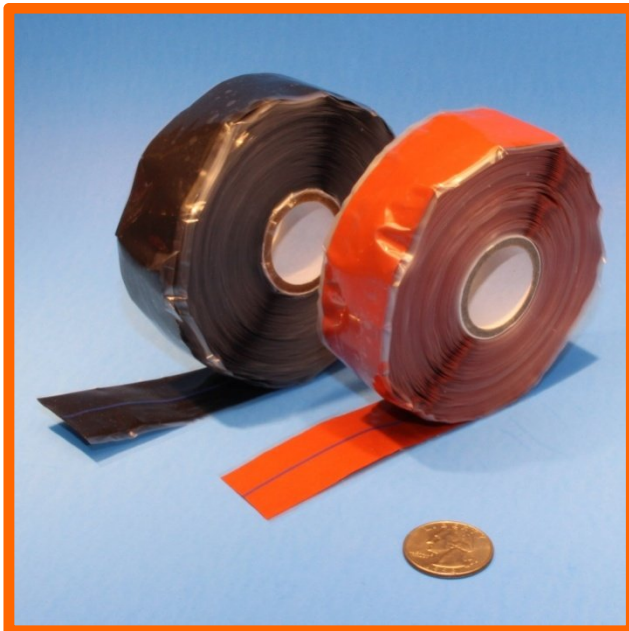
FlameShield™ TYT200-1 ColeFlex “No Heat” Silicone Rubber Self Fusing Insulating Tape – Type I and Type II			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll Type I / Type II
TYT200-1 Type I & Type II			
T-SR-TYT200-1-36-X-YY	1 / 25	0.020 / 0.51	\$ 34.71 / \$ 33.80
T-SR-TYT200-1-14-X-ZZ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



MOX 602 / MOX 603 / MOX 604 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. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

MOX 602 / MOX 603 / MOX 604 T Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape - Meets MIL-I-46852 and A-A-59163 Specifications

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
602 / 603 / 604 Mil-I-46852 / AA59163 Tapes: Type II				
T-SR-MOX-602-.50-TXX	1/2 / 13	0.020 / 0.50	II / Triangular	\$ 29.37
T-SR-MOX-602-.75-TXX	3/4 / 19	0.020 / 0.50	II / Triangular	\$ 31.96
T-SR-MOX-602-1.0-TXX	1 / 25	0.020 / 0.50	II / Triangular	\$ 33.80
T-SR-MOX-602-1.5-TXX	1 ½ / 38	0.020 / 0.50	II / Triangular	\$ 47.82
T-SR-MOX-603-.50-TXX	1/2 / 13	0.030 / 0.76	II / Triangular	\$ 32.31
T-SR-MOX-603-.75-TXX	3/4 / 19	0.030 / 0.76	II / Triangular	\$ 35.16
T-SR-MOX-603-1.0-TXX	1 / 25	0.030 / 0.76	II / Triangular	\$ 37.18
T-SR-MOX-603-1.5-TXX	1 ½ / 38	0.030 / 0.76	II / Triangular	\$ 52.60
T-SR-MOX-604-.50-TXX	1/2 / 13	0.040 / 1.0	II / Triangular	\$ 35.54
T-SR-MOX-604-.75-TXX	3/4 / 19	0.040 / 1.0	II / Triangular	\$ 38.68
T-SR-MOX-604-1.0-TXX	1 / 25	0.040 / 1.0	II / Triangular	\$ 40.90
T-SR-MOX-604-1.5-TXX	1 ½ / 38	0.040 / 1.0	II / Triangular	\$ 57.87

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.

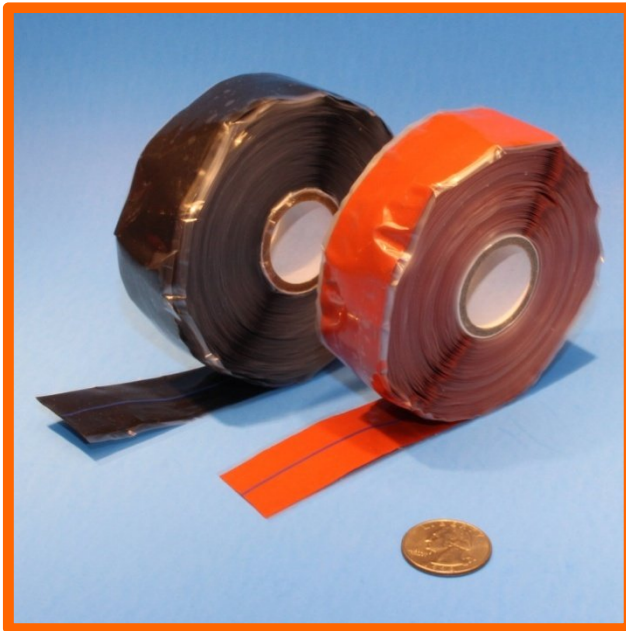
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

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).



MOX 620 / MOX 630 / MOX 640 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. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$18.00 up to 10 rolls and \$25.00 up to 36 rolls.

MOX 620 / MOX 630 / MOX 640 R Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape. Meets MIL-I-46852 and A-A-59163 Specifications				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
620 / 630 / 640 Mil-I-46852 / AA59163 Tapes: Type I				
T-SR-MOX-620-.50-RXX	1/2 / 13	0.020 / 0.50	I / Rectangular	\$ 29.87
T-SR-MOX-620-.75-RXX	3/4 / 19	0.020 / 0.50	I / Rectangular	\$ 32.76
T-SR-MOX-620-1.0-RXX	1 / 25	0.020 / 0.50	I / Rectangular	\$ 34.71
T-SR-MOX-620-1.5-RXX	1 ½ / 38	0.020 / 0.50	I / Rectangular	\$ 48.92
T-SR-MOX-630-.50-RXX	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ 32.86
T-SR-MOX-630-.75-RXX	3/4 / 19	0.030 / 0.76	I / Rectangular	\$ 36.04
T-SR-MOX-630-1.0-RXX	1 / 25	0.030 / 0.76	I / Rectangular	\$ 38.18
T-SR-MOX-630-1.5-RXX	1 ½ / 38	0.030 / 0.76	I / Rectangular	\$ 53.81
T-SR-MOX-640-.50-RXX	1/2 / 13	0.040 / 1.0	I / Rectangular	\$ 36.15
T-SR-MOX-640-.75-RXX	3/4 / 19	0.040 / 1.0	I / Rectangular	\$ 39.64
T-SR-MOX-640-1.0-RXX	1 / 25	0.040 / 1.0	I / Rectangular	\$ 41.99
T-SR-MOX-640-1.5-RXX	1 ½ / 38	0.040 / 1.0	I / Rectangular	\$ 59.19

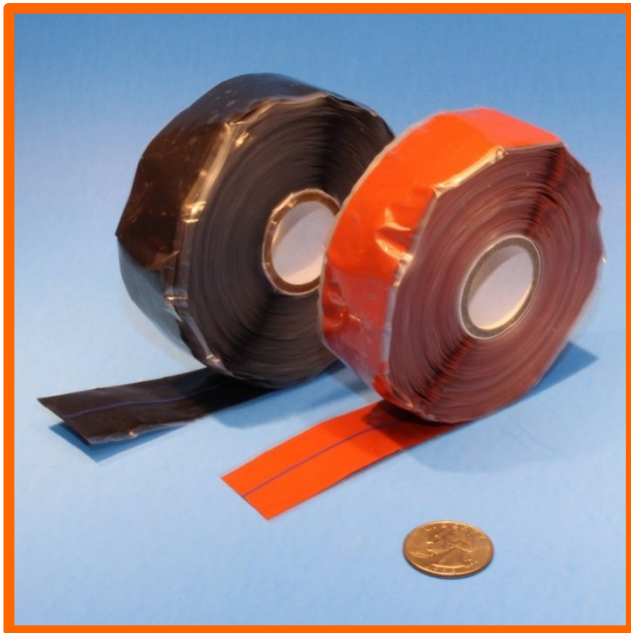
Please enquire for pricing on sizes other than those listed above.
This tape can be made in thicknesses from 0.010" to 0.080" and in various widths.

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.



Nimikkeistokeskus NCB Finland 10134254 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. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

Nimikkeistokeskus NCB Finland 10134254 Equivalent Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape - Meets MIL-I-46852 and A-A-59163 Specifications				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
10134254 Mil-I-46852 / AA59163 Tape: Type II				
T-SR-NCBFIN-10134254-XX	1 / 25	0.040 / 1.0	II / Triangular	\$ 40.90

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.

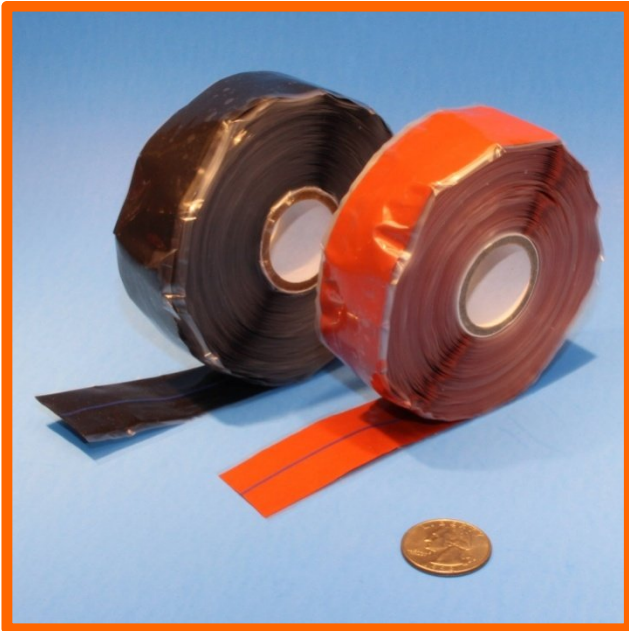
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

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).



Markel 4529670544 NSN 5970-00-955-9976 Equivalent 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. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

Markel 4529670544 NSN 5970-00-955-9976 Equivalent Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape - Meets MIL-I-46852 and A-A-59163 Specifications				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
Markel 4529670544 Equivalent Mil-I-46852 / AA59163 Tape: Type II				
T-SR-Markel-4529670544-XX	1 / 25	0.040 / 1.0	II / Triangular	\$ 40.90

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).



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
Unsupported Tape – No Fiberglass Substrate – 300% to 500% Elongation			
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
Supported Tape – With Fiberglass Substrate – 15% Maximum Elongation			
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.



**RL6000SA & RL6000SB Stretchtape™ Equivalent
 Silicone Rubber Self Fusing Electrical Insulating Tape
 500°F / 260°C: 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 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.
- Supported tape meets MIL-I-22444 and many other specifications.
- Certification available.
- Rolls are 12 yards long

RL6000SA & RL6000SB Stretchtape™ Equivalent Silicone Rubber Self Fusing Electrical Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Supported Tape – With Fiberglass Substrate – 15% and 25% Maximum Elongation			
T-SR-RL6000SA-XX	1.00 / 25	0.020 / 0.51	\$ 67.29
T-SR-RL6000SB-XX	1.00 / 25	0.020 / 0.51	\$ 67.29

- For the XX value (color code): OR = Oxide-Red, BK = Black

T-SR-RL6000SA-XX equivalent to NSN 5970-01-325-8971

T-SR-RL6000SB-XX equivalent to NSN 5970-00-841-1172

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

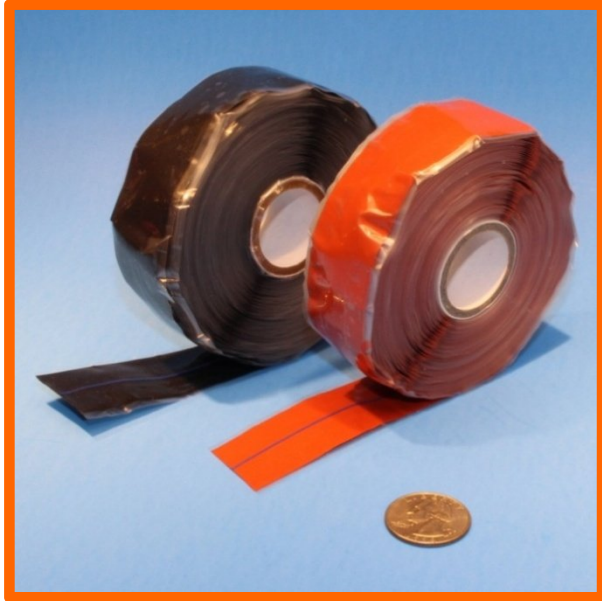
Stretchtape™ is a trademark of Kirkhill-TA / Esterline



ABS5334A01B & ABS5334A02R Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Meets 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 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.
- Certification available.

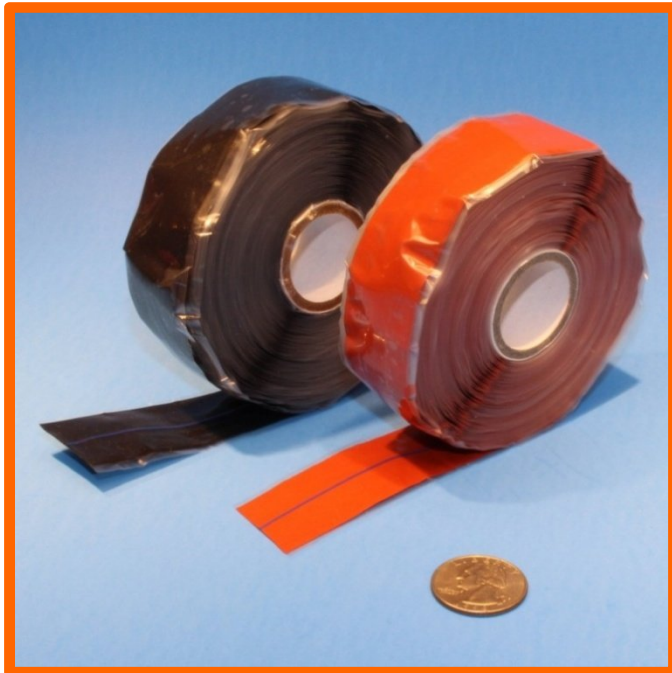
FlameShield™ ABS5334A01B & ABS5334A02R Silicone Rubber Self Fusing Electrical Insulation Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
T-SR-ABS5334A02R-66N-ROR	0.75 / 19	0.012 / 0.30	\$ 24.64
T-SR-ABS5334A01B-67N-RBK	0.75 / 19	0.020 / 0.51	\$ 26.80

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.

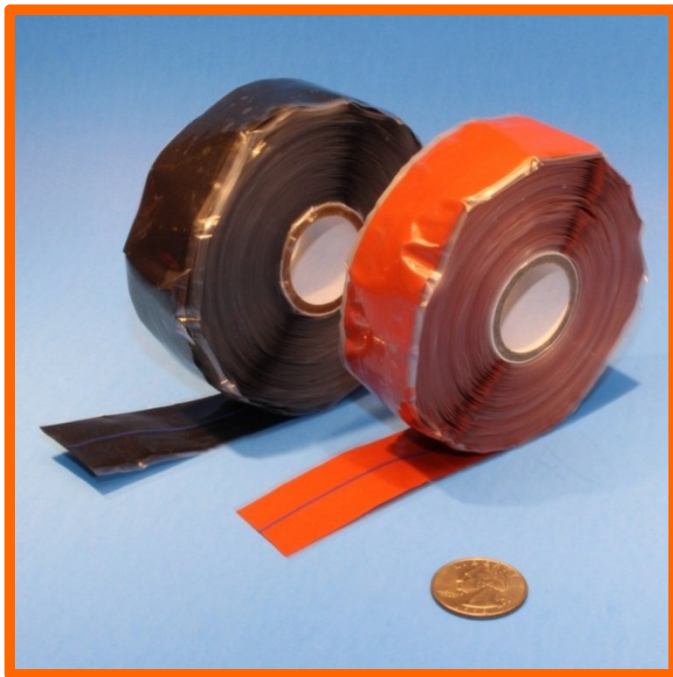
Eaton Weatherhead® A6900W Equivalent Silicone Rubber Self Fusing Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Length, inches / yards	Price Per Roll
T-SR-A6900W-OR	1 / 25	432 / 12	\$ 33.80
T-SR-A6900W-BK	1 / 25	432 / 12	\$ 33.80

- OR = Oxide-Red, BK = Black

Weatherhead® is a registered trademark of Eaton Hydraulics



Seal-Tite™ P29950 / P28566 / P40630 / P36728 Fusion Wrap
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.
- Standard length is 54 feet. Shorter roll lengths available. Tapes are .020" thick

Seal-Tite™ P29950 / P28566 / P40630 / P36728 Fusion Wrap Equivalent Silicone Rubber Self Fusing Electrical Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Length, inches / yards	Price Per Roll
T-SR-P29950-FL-GY	1 / 25	648 / 18	\$ 44.94
T-SR-P28566-FL-BK	1 / 25	648 / 18	\$ 44.94
T-SR-P40630-FL-CL	1 / 25	648 / 18	\$ 44.94
T-SR-P36728-FL-OR	1 / 25	648 / 18	\$ 44.94
T-SR-P29950-SL-GY	1 / 25	432 / 12	\$ 33.80
T-SR-P28566-SL-BK	1 / 25	432 / 12	\$ 33.80
T-SR-P40630-SL-CL	1 / 25	432 / 12	\$ 33.80
T-SR-P36728-SL-OR	1 / 25	432 / 12	\$ 33.80

- GY = Gray, OR = Oxide-Red, BK = Black, CL = Clear

Seal-Tite™ is a trademark of LAWSON Products



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.

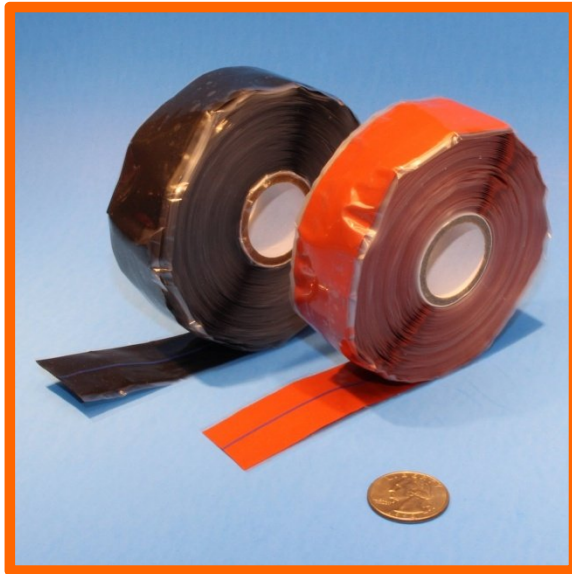
Simrit® Equivalent Silicone Tapes				
Meets MIL-I-46852 / A-A-59163 Specifications Type I & Type II				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
Mil-I-46852 / AA59163 Tapes: Type I				
T-SR-SIMRIT-56756	1 / 25	0.012 / 0.5	I / Rectangular	\$ Call
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
Mil-I-46852 / AA59163 Tapes: Type II				
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.

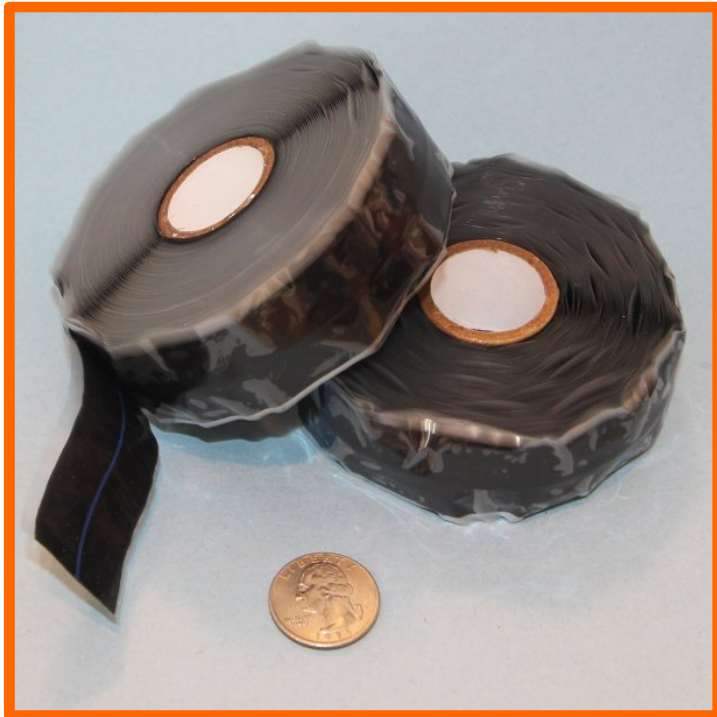
Simrit® Equivalent Silicone Tapes – Reinforced Controlled Elongation Tape Meets MIL-I-22444, MIL-I-46852 / A-A-59163 Specifications: Type I Supported				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
Mil-I-22444 Reinforced Controlled Elongation Tape				
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

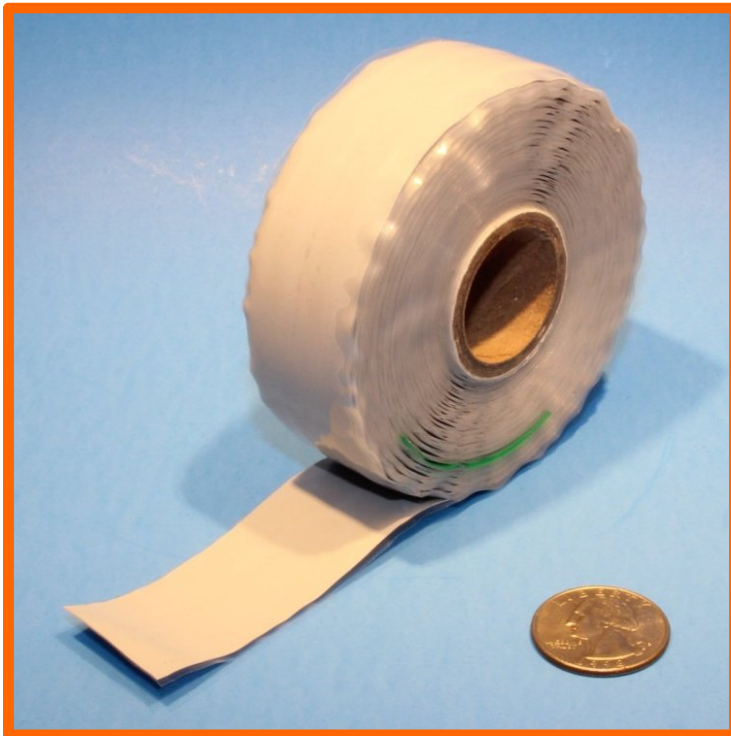


- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination 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.

L-3 Communications Tape, Electrical, Silicone Self-Fusing, Non-Reinforced				
Meets A-A-59163 Specifications: Class 1, Type I				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
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

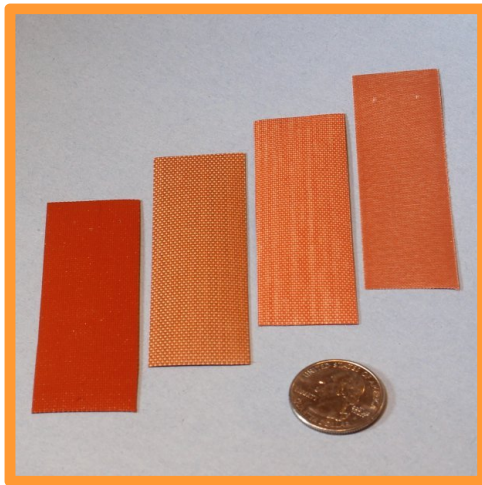
Triangular tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing splices and joints with an almost totally smooth surface (prevents snagging when splice pulled through obstructions).

Scotch® is a registered trademark of the 3M company



GE and EMD Coil Winding Encapsulating Tape – Semi Cured & Uncured Bonding Layers

500°F / 260°C: FlameShield™ Silicone Rubber Meets GE and EMD specifications for traction motors: Many others available



- Available with several construction options:
 - 1) A fibreglass substrate with cured silicone rubber on both sides (one side has a thinner coating layer), with an additional uncured layer on top of the cured layer on one side. Has an interleave.
 - 2) A fibreglass substrate with semi-cured silicone rubber on one side. No interleave.
- Curing: most require a cure cycle of 350F at 50psi for 15 minutes. Post Cure Cycle: 2 to 3 hours at 375-410F. See specific tape data for its curing instructions.
- Supplied with Certification to OEM specification.
- Product is produced as a 36" wide log, from which the tape widths are slit. Typical tape widths are 0.75, 1.00, 1.25 and 1.5". Any other width is available. Complete logs available.
- Photo shows a few of the different versions of available tape, with different substrates weave sizes visible through the thin side coating.

FlameShield™ Coil Winding Encapsulating Tape			
Part Number	OEM Part Number	Tape Thickness Inches / mm	Price Per Roll (Depends on Width)
T-SRUC-84	GE 84A210606P154 GE 84A210606P157	0.020 / 0.51	By Quote
T-SRUC-41	GE 41A239176P70 GE 41A239176P71	0.015 / 0.38	By Quote
T-SRUC-82	EMD 8205562 EMD 8227441 EMD R718024	0.015 / 0.38	By Quote
T-SRUC-71	EMD R718051 / EMD R718077 EMD 8220410 / EMD 40100391 EMD 8257527	0.020 / 0.51	By Quote
T-SRUC-21	GE 21261	0.020 / 0.51	By Quote
T-SRUC-158	GE 84A210606P158	0.011 / 0.28	By Quote

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

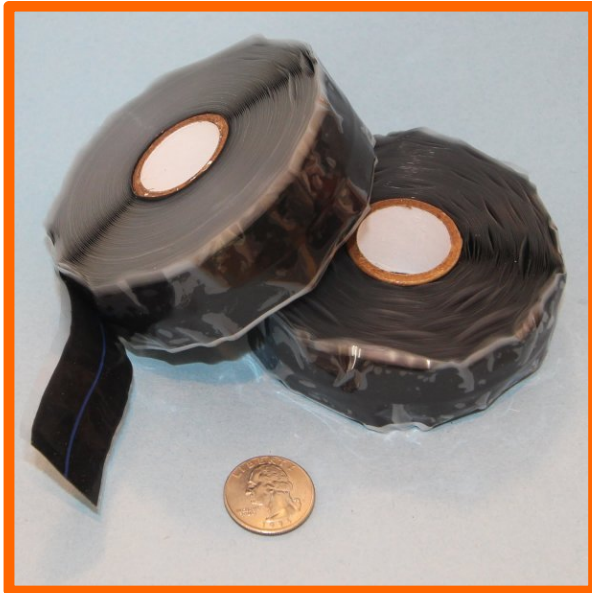
These tapes are also used to form various flexible structures such as ducting. They can be wrapped over forms and then cured.



PipeSeal™ Silicone Rubber Self Fusing Compression & Stretch Leak Sealing Tape

Self-Binding Self-Fusing Tape

Superior method of making drain pipe repairs and septic tank inlet pipe leak repair



- Makes a watertight seal that prevents leaks on drain pipe defects.
- Wide temperature range from -50 to +500F
- Makes Septic Tank Pipe Leak repair quick and easy.
- One roll will wrap ten 4" pipe connections.
- Saves time and money by preventing the need to disassemble pipe assembly.
- Widely used on Septic Tank Inlet Pipe joints and elbows. Many older septic installations did not originally glue the pipes, allowing seepage of the septic liquid into the ground and in contact with basement walls and floor slabs – resulting in a sewer gas smell in the home.



LeakSeal™ Drain Pipe Leak Repair Tape			
Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-LeakSeal	1 ½" / 39	.020	\$ 48.77

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is available Black or Oxide-Red.



Sealing Tape for Stovepipe and Stainless Steel Flue Gas Duct DuctSeal™ Silicone Rubber Self Fusing Leak Sealing Tape Self-Binding Self-Fusing Tape

Helps to reduce combustion smells by sealing the seams of round duct work on wood stoves, pellet stoves, propane and natural gas stoves and bio-fuel stoves



- Seals the seams on combustion stove pipe, reduces the smell due to leakage of exhaust flue gas.
- Easy to apply and remove.
- No sticky glue to create a mess and gum up parts.
- Available in Oxide-red or Black.
- Can be applied to hot or cold pipe.
- Wide temperature range from -50 to +500F.
- Popular for use on Simpson M&G DuraVent® and PelletVent® pipe.



DuctSeal™ Stove Pipe Seam Sealing Tape			
Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-DuctSeal	1" / 25	.020	\$ 33.80

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is available Black or Oxide-Red.



Fiberglass Gasket Seal Tape with PTFE Coating: Premium Grade 550°F / 287°C: Tuff-Flex™ High Temperature, Heat & Chemical Resistance



- An excellent gasket tape providing sealing against a variety of gases and liquids: Excellent chemical resistance.
- Available in three thicknesses.
- PTFE Sintered Coating.

This tape offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids. The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Offered in Plain and Drop Warp (also known as Bolt-Hole or Ladder Tape).

550°F / 287°C continuous rating

High Temperature, Heat & Chemical Resistance Fiberglass Gasket Tape with PTFE Coating: Premium Tape					
Part Number	Width in / mm		Price per Roll By Thickness: A / B / C		
			"A" thickness 1/16" .0625"/1.59mm	"B" thickness 1/8" .125"/3.18mm	"C" thickness 1/4" .250"/6.35mm
T-FG-WOVEN-PTFE-P-M013-08-X-Z**	.5	13	\$ 61.13	\$ 94.93	NA
T-FG-WOVEN-PTFE-P-M019-12-X-Z**	.75	19	\$ 65.27	\$ 105.33	\$ 199.93
T-FG-WOVEN-PTFE-P-M025-16-X-Z	1.0	25	\$ 105.27	\$ 165.80	\$ 305.63
T-FG-WOVEN-PTFE-P-M032-20-X-Z	1.25	32	\$ 148.40	\$ 229.83	\$ 405.33
T-FG-WOVEN-PTFE-P-M038-24-X-Z	1.5	38	\$ 191.53	\$ 293.70	\$ 505.03
T-FG-WOVEN-PTFE-P-M051-32-X-Z	2.0	51	\$ 241.93	\$ 372.20	\$ 634.07
T-FG-WOVEN-PTFE-P-M064-40-X-Z	2.5	64	\$ 292.33	\$ 452.80	\$ 736.73
T-FG-WOVEN-PTFE-P-M076-48-X-Z	3.0	76	\$ 342.60	\$ 532.33	\$ 900.27
T-FG-WOVEN-PTFE-P-M089-56-X-Z	3.5	89	\$ 392.93	\$ 611.73	\$ 1041.37*
T-FG-WOVEN-PTFE-P-M102-64-X-Z	4.0	102	\$ 443.13	\$ 691.07	\$ 1179.93
T-FG-WOVEN-PTFE-P-M127-80-X-Z	5.0	127	\$ 557.27	\$ 863.53	\$ 1458.53*
T-FG-WOVEN-PTFE-P-M152-96-X-Z	6.0	152	\$ 658.27	\$ 1035.67	\$ 1776.60

- For the "X" value, specify "A", "B" or "C" in the part number to correspond to the desired thickness. A = 1/16" / .0625" / 1.59mm B = 1/8" / .125" / 3.18mm C = 1/4" / .250" / 6.35mm
- For the "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape
- All tapes are 100 foot lengths.
- Items with * may have higher minimum order quantities – please call.
- ** .5" / 13mm and .75" / 19mm width tapes are not available in Drop Warp

The PTFE is applied to the tape by proprietary sinterization process. The result is a PTFE coating on the tape which is soft, robust and flexible; however, it can be abrasively removed from the tape with aggressive fingernail scraping, resulting in a thinner and thinner layer of PTFE remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight tape.



Fiberglass Gasket Seal Tape with PTFE Coating: Industrial Grade 550°F / 287°C: Tuff-Flex™ High Temperature, Heat & Chemical Resistance



- An excellent gasket tape providing sealing against a variety of gases and liquids: Excellent chemical resistance.
- Available in two thicknesses.
- PTFE Sintered Coating

This tape offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids. The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Offered in Plain and Drop Warp (*also known as Bolt-Hole or Ladder Tape*).

550°F / 287°C continuous rating

High Temperature, Heat & Chemical Resistance Fiberglass Gasket Tape with PTFE Coating: Industrial Tape				
Part Number	Width in / mm		Price per Roll By Thickness: A / B	
			"A" thickness 1/16" .0625"/1.59mm	"B" thickness 1/8" .125"/3.18mm
T-FG-WOVEN-PTFE-I-M013-08-X-Z**	.5	13	\$ 216.33** / #	\$ 149.20**
T-FG-WOVEN-PTFE-I-M019-12-X-Z**	.75	19	\$ 83.47**	\$ 244.60 ** / ***
T-FG-WOVEN-PTFE-I-M025-16-X-Z	1.0	25	\$ 95.73	\$ 154.40
T-FG-WOVEN-PTFE-I-M032-20-X-Z	1.25	32	\$ 115.07	\$ 175.20
T-FG-WOVEN-PTFE-I-M038-24-X-Z	1.5	38	\$ 119.20	\$ 181.60
T-FG-WOVEN-PTFE-I-M051-32-X-Z	2.0	51	\$ 137.33	\$ 202.00
T-FG-WOVEN-PTFE-I-M064-40-X-Z	2.5	64	\$ 194.53	\$ 261.40
T-FG-WOVEN-PTFE-I-M076-48-X-Z	3.0	76	\$ 214.80	\$ 265.47
T-FG-WOVEN-PTFE-I-M089-56-X-Z	3.5	89	\$ 233.20	\$ 294.00
T-FG-WOVEN-PTFE-I-M102-64-X-Z	4.0	102	\$ 255.33	\$ 322.40
T-FG-WOVEN-PTFE-I-M127-80-X-Z	5.0	127	\$ 319.20	\$ 375.60
T-FG-WOVEN-PTFE-I-M152-96-X-Z	6.0	152	\$ 334.13	\$ 434.40

- For the "X" value specify "A" or "B" in the part number to correspond to the desired thickness
 A = 1/16" / .0625" / 1.59mm B = 1/8" / .125" / 3.18mm
- For the "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape
- All tapes are 100 foot lengths.
- Items with * may have higher minimum order quantities – please call.
- ** .5" / 13mm and .75" / 19mm width tapes are not available in Drop Warp. *** 200 ft long
- # .5" / 13mm wide x 1/16" thick tape is 500 ft roll length

The PTFE is applied to the tape by proprietary sinterization process. The result is a PTFE coating on the tape which is soft, robust and flexible; however, it can be abrasively removed from the tape with aggressive fingernail scraping, resulting in a thinner and thinner layer of PTFE remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight tape.



Fiberglass Tape with PTFE Resin Impregnation & Self Adhesive 500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth Non-Stick Surface - Premium Grade



- This tape is made by slitting our PTFE resin impregnated fiberglass fabric. Available with and without backing media on the adhesive side. Available with Acrylic or Silicone adhesive.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing bars and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: Silicone adhesive tape -100°F to +500°F (-73°C to +260°C). Acrylic adhesive tapes -40°F to +350°F (-40°C to +177°C).

Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape with PTFE Resin Impregnation & Self Adhesive: Premium Grade

Part Number	Width in / mm		Price per Roll by Thickness Silicone or Acrylic Adhesive (thickness measurement does not include adhesive)			
			X = 3 .003" Dielectric S = 5 kV / A = 4.5 kV	X = 5 .005" Dielectric S = 7.5 kV / A = 7 kV	X = 6 .006" Dielectric S = 8.5 kV / A = 8.5 kV	X = 10 .010" Dielectric S = 9.5 kV / A = 9 kV
T-FG-PTRI-P-M013-08-X-Y-Z	.5	13	\$ 28.26 *	\$ 39.71 *	\$ 45.07 *	\$ 53.03 *
T-FG-PTRI-P-M019-12-X-Y-Z	.75	19	\$ 42.40 *	\$ 59.57 *	\$ 67.61 *	\$ 79.55 *
T-FG-PTRI-P-M025-16-X-Y-Z	1.0	25	\$ 56.52 *	\$ 79.42 *	\$ 90.14	\$ 106.06
T-FG-PTRI-P-M032-20-X-Y-Z	1.25	32	\$ 70.66	\$ 99.28	\$ 112.68	\$ 132.58
T-FG-PTRI-P-M038-24-X-Y-Z	1.5	38	\$ 84.78	\$ 119.12	\$ 135.22	\$ 159.08
T-FG-PTRI-P-M051-32-X-Y-Z	2.0	51	\$ 113.04	\$ 158.83	\$ 180.29	\$ 212.11
T-FG-PTRI-P-M064-40-X-Y-Z	2.5	64	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14
T-FG-PTRI-P-M076-48-X-Y-Z	3.0	76	\$ 169.56	\$ 238.25	\$ 270.43	\$ 318.17
Other Widths			\$ 56.52 / in	\$ 79.42 / in	\$ 90.14 / in	\$ 106.06 / in
Tensile Strength Warp / Fill (lbs/in)	Silicone		95 / 55	140 / 130	150 / 115	325 / 235
	Acrylic		95 / 55	125 / 130	150 / 150	325 / 235
Tear Strength Warp / Fill (lbs/in)	Silicone		1.5 / 0.9	2.2 / 1.7	2.1 / 1.8	7.5 / 4.0
	Acrylic		1.5 / 0.9	1.8 / 1.7	2.1 / 1.7	7.5 / 4.0

* NOTE: Minimum order for indicated tapes is 2 rolls Custom slitting available up to a maximum of 36 inches.

- For the "X" value in the part number, use "3" for .003, "5" for .005, "6" for .006, "10" for .010, "14" for .014
- For the "Y" value specify "A" or "S" in the part number to correspond to the desired adhesive
A = Acrylic S = Silicone
- For the "Z" value in part number: use "BP" to order with backing media or "NP" for no backing media
Silicone backing paper is yellow, acrylic backing paper is blue. Same price with or without backing.
- All tapes are 36 yards. 18 yard rolls are available at -30% of the price shown.
- Adhesive thickness of Acrylic is .002". Silicone adhesive is .0022" thick for .003 & .005 tape and .0030" thick for all others.

The PTFE resin is applied to the base fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the PTFE surface to remove it from the fabric with fingernail scraping.



Fiberglass Tape with PTFE Resin Impregnation & Self Adhesive 500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth Non-Stick Surface - Industrial Grade



- This tape is made by slitting our PTFE resin impregnated fiberglass fabric. Available with and without backing media on the adhesive side. Available with Acrylic or Silicone adhesive.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Industrial Grade is a smooth surface with slight surface texturization (underlying fiberglass weave). Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: Silicone adhesive tape -100°F to +500°F (-73°C to +260°C). Acrylic adhesive tapes -40°F to +350°F (-40°C to +177°C).

Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape with PTFE Resin Impregnation & Self Adhesive: Industrial Grade

Part Number	Width in / mm		Price per Roll by Thickness Silicone or Acrylic Adhesive (thickness measurement does not include adhesive)				
			X = 3 .003"	X = 5 .005"	X = 6 .006"	X = 10 .010"	X = 14 .014" *
			Dielectric S = 5 kV / A = 5 kV	Dielectric S = 6 kV / A = 6 kV	Dielectric S = 8 kV / A = 8 kV	Dielectric S = 9.5 kV / A = 8.5 kV	Dielectric S = 10.5 kV / A = 9 kV
T-FG-PTRI-I-M013-08-X-Y-Z	.5	13	\$ 23.55 *	\$ 33.09 *	\$ 37.56 *	\$ 44.19 *	\$ 67.80 *
T-FG-PTRI-I-M019-12-X-Y-Z	.75	19	\$ 35.33 *	\$ 49.64 *	\$ 56.34 *	\$ 66.29 *	\$ 101.70
T-FG-PTRI-I-M025-16-X-Y-Z	1.0	25	\$ 47.10 *	\$ 66.18 *	\$ 75.12 *	\$ 88.38	\$ 135.60
T-FG-PTRI-I-M032-20-X-Y-Z	1.25	32	\$ 58.88	\$ 82.73	\$ 93.90	\$ 110.48	\$ 169.50
T-FG-PTRI-I-M038-24-X-Y-Z	1.5	38	\$ 70.65	\$ 99.27	\$ 112.68	\$ 132.57	\$ 203.40
T-FG-PTRI-I-M051-32-X-Y-Z	2.0	51	\$ 94.20	\$ 132.36	\$ 150.24	\$ 176.76	\$ 271.20
T-FG-PTRI-I-M064-40-X-Y-Z	2.5	64	\$ 117.75	\$ 165.45	\$ 187.80	\$ 220.95	\$ 339.00
T-FG-PTRI-I-M076-48-X-Y-Z	3.0	76	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14	\$ 406.80
Other Widths			\$ 47.10 / in	\$ 66.18 / in	\$ 75.12 / in	\$ 88.38 / in	\$ 135.60 / in
Tensile Strength Warp / Fill (lbs/in)	Silicone		100 / 50	135 / 120	150 / 140	250 / 155	440 / 250
	Acrylic		90 / 50	135 / 120	150 / 140	250 / 155	440 / 250
Tear Strength Warp / Fill (lbs/in)	Silicone		1.7 / 0.9	2.3 / 1.5	2.0 / 1.5	4.9 / 3.0	7.0 / 5.0
	Acrylic		1.7 / 0.9	1.8 / 1.5	2.0 / 1.5	6.0 / 3.0	7.0 / 5.0

*Note: Minimum order for indicated tapes is 2 rolls Custom slitting available up to a maximum of 36 inches.

- For the "X" value in the part number, use "3" for .003, "5" for .005, "6" for .006, "10" for .010, "14" for .014
- For the "Y" value specify "A" or "S" in the part number to correspond to the desired adhesive
A = Acrylic S = Silicone
- For the "Z" value in part number: use "BP" to order with backing media or "NP" for no backing media
Silicone backing paper is yellow, acrylic backing paper is blue. Same price with or without backing.
- All tapes are 36 yards. 18 yard rolls are available at -30% of the price shown.
- Adhesive thickness of Acrylic is .002". Silicone adhesive is .0022" thick for .003 & .005 tape and .0030" thick for all others.

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the ptfе surface to remove it from the fabric with fingernail scraping.

Skived PTFE Tape with Self Adhesive 590°F / 310°C: Tuff-Flex™ High Temperature & Chemical Resistance with Ultra Smooth Non-Stick Surface



- High elongation provides excellent conformability around splices and connectors.
- Available with and without backing strip.
- Available with Acrylic or Silicone adhesive
- Providing excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners, rollers and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance. 2540v/mil dielectric breakdown (minimum).
- Used for splicing of PTFE coated wiring and for forming watertight seals around blasting cap and detonating cord, lap splicing of firing cable (mining & underwater demolition).

Tuff-Flex™ High Temperature, Heat & Chemical Resistance Skived PTFE Tape with Self Adhesive					
Part Number	Width in / mm		Price per Roll by Thickness (thickness measurement does not include adhesive)		
			X = 3 .003"	X = 5 .005"	X = 10 .010"
T-PT-SK-M013-08-X-Y-Z	.5	13	\$ 25.25	\$ 30.53	\$ 46.38
T-PT-SK-M019-12-X-Y-Z	.75	19	\$ 37.87	\$ 45.79	\$ 69.57
T-PT-SK-M025-16-X-Y-Z	1.0	25	\$ 50.49	\$ 61.05	\$ 92.76
T-PT-SK-M032-20-X-Y-Z	1.25	32	\$ 63.11	\$ 76.31	\$ 115.95
T-PT-SK-M038-24-X-Y-Z	1.5	38	\$ 75.74	\$ 91.56	\$ 139.14
T-PT-SK-M051-32-X-Y-Z	2.0	51	\$ 100.98	\$ 122.10	\$ 185.52
T-PT-SK-M064-40-X-Y-Z	2.5	64	\$ 126.22	\$ 152.63	\$ 231.90
T-PT-SK-M076-48-X-Y-Z	3.0	76	\$ 151.47	\$ 183.15	\$ 278.28
Other Widths			\$ 50.49 / inch	\$ 61.05 / inch	\$ 92.76 / inch
T-PT-SK-MXXX-XX-T1C2			MIL-I-23594C / MIL-I-59474 / A-A-59474: Type I Class 2 - \$65.23 / inch		
T-PT-SK-MXXX-XX-T1C4			MIL-I-23594C / MIL-I-59474 / A-A-59474: Type I Class 4 - \$77.34 / inch		

Price is for tape with Silicone adhesive. For Acrylic adhesive subtract 5% from price shown

Custom slitting to any width is available up to a maximum of 36 inches. Sold in full rolls only.

- **For the "X" value**, specify "3" for .003" thickness, "5" for .005" thickness, "10" for .010" thickness
- **For the "Y" value**, specify "A" or "S" in the part number to correspond to the desired adhesive
A = Acrylic S = Silicone
- **For the "Z" value**, use "BP" for with Backing Paper or "NP" for no backing paper
Silicone backing paper is yellow, acrylic backing paper is blue. Same price with or without backing.
- Add "T1C2" or "T1C4" as a suffix to the part number for tape meeting MIL-I-23594C / A-A-59474.
- All tapes are 36 yards. 18 yard rolls are available at 70% of the price shown.
- Adhesive thickness of Acrylic is .002". Silicone adhesive is .0022" thick.



MIL-I-23594C / A-A-59474 Skived PTFE Tape with Self Adhesive
590°F / 310°C: Tuff-Flex™ High Temperature & Chemical Resistance with Ultra
Smooth Non-Stick Surface. Type 1 Class 2 and Type 1 Class 4



- High elongation provides excellent conformability around splices and connectors.
- One side is coated with Silicone high temperature adhesive
- Providing excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners, rollers and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance. 2540v/mil dielectric breakdown (minimum).
- Used for splicing of PTFE coated wiring and for forming watertight seals around blasting cap and detonating cord, lap splicing of firing cable (mining & underwater demolition).

MIL-I-23594C / A-A-59474 Skived PTFE Electrical Tape with Self Adhesive				
High Temperature, Heat & Chemical Resistance				
Part Number	Width in / mm		Price per Roll by Thickness (thickness measurement does not include adhesive)	
			X = 3 .003" T1C2	X = 5 .005" T1C4
T-AA59474-MIL123594-0.500-X	.5	13	\$ 32.62	\$ 38.67
T-AA59474-MIL123594-0.750-X	.75	19	\$ 49.67	\$ 58.00
T-AA59474-MIL123594-1.000-X	1.0	25	\$ 65.23	\$ 77.34
T-AA59474-MIL123594-1.250-X	1.25	32	\$ 81.54	\$ 96.68
T-AA59474-MIL123594-1.500-X	1.5	38	\$ 97.85	\$ 116.01
T-AA59474-MIL123594-2.000-X	2.0	51	\$ 130.46	\$ 154.68
T-AA59474-MIL123594-2.500-X	2.5	64	\$ 163.07	\$ 193.35
T-AA59474-MIL123594-3.000-X	3.0	76	\$ 195.69	\$ 232.02
Other Widths			\$ 65.23 / inch	\$ 77.34 / inch

Custom slitting to any width is available up to a maximum of 36 inches. Sold in full rolls only.

- For the "X" value, specify "3" for .003" thickness, "5" for .005" thickness
- Adhesive thickness of Acrylic is .002". Silicone adhesive is .0022" thick.

Tuff-Flex™ Expanded PTFE Joint Seal Tape

550°F / 287°C: High Temperature & Chemical Resistance



- Made from ePTFE

Pure ePTFE joint seal tape with an adhesive backing makes a superb cord formed gasket for use as a jointing on all types of flanges. Excellent corrosion resistance, high pressure resistance, easy to use, soft and is ideal for enamel, glass, and especially rough and special shaped sealing.

Excellent resistance to almost all solvents, caustics and acids.

PTFE melting point is 620°F / 327°C.

- PH Range: 0 to 14
- Maximum tensile: 4260 psi (30Mpa)

- Temperature Range: -500F / -268C to +500F / +260C
- Pressure Limits: 2900 psi / 200 kgf/cm² (20Mpa)

550°F / 287°C continuous rating

This is a high-performance ePTFE used in almost all industries for its heat protection & Chemical Resistance.

Tuff-Flex™ High Temperature, Heat & Chemical Resistance ePTFE Joint Seal

Part Number	Dimension Width (inch) / Length (feet) / Thickness (inch)	Price per spool	Part Number	Dimension Width (inch) / Length (feet) / Thickness (inch)	Price per spool
T-PT-JS-125-100	.125" / 100' / 0.10"	\$ 103.47	T-PT-JS-500-15	.500" / 15' / 0.21"	\$ 84.70
T-PT-JS-125-500	.125" / 500' / 0.10"	\$ 387.50	T-PT-JS-500-30	.500" / 30' / 0.21"	\$ 129.43
T-PT-JS-187-75	.187" / 75' / 0.10"	\$ 104.47	T-PT-JS-500-150	.500" / 150' / 0.21"	\$ 576.33
T-PT-JS-187-500	.187" / 500' / 0.10"	\$ 507.33	T-PT-JS-625-15	.625" / 15' / 0.23"	\$ 96.30
T-PT-JS-250-50	.250" / 50' / 0.10"	\$ 100.47	T-PT-JS-625-30	.625" / 30' / 0.23"	\$ 192.43
T-PT-JS-250-100	.250" / 100' / 0.10"	\$ 197.90	T-PT-JS-625-150	.625" / 150' / 0.23"	\$ 873.25
T-PT-JS-250-250	.250" / 250' / 0.10"	\$ 376.50	T-PT-JS-750-15	.750" / 15' / 0.25"	\$ 147.67
T-PT-JS-250-500	.250" / 500' / 0.10"	\$ 749.00	T-PT-JS-750-30	.750" / 30' / 0.25"	\$ 295.20
T-PT-JS-375-25	.375" / 25' / 0.17"	\$ 79.70	T-PT-JS-750-100	.750" / 100' / 0.25"	\$ 939.20
T-PT-JS-375-50	.375" / 50' / 0.17"	\$ 149.43	T-PT-JS-1000-15	1.000" / 15' / 0.30"	\$ 221.35
T-PT-JS-375-250	.375" / 250' / 0.17"	\$ 576.33	T-PT-JS-1000-30	1.000" / 30' / 0.30"	\$ 442.73
			T-PT-JS-1000-75	1.000" / 75' / 0.30"	\$ 1056.58

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.

NOTE: This product is made in round form, then flattened: the width and thickness tolerance is +/- 0.063" for 0.50" wide seal and larger, and +/- 0.031" for 0.375" wide seal and smaller.

This Product is NOT Available By The Foot



Fiberglass Tape with PTFE Resin Impregnation, Non- Adhesive
FDA Food Contact Approved
500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth
Non-Stick Surface - Premium Grade



- This tape is made by slitting our PTFE resin impregnated fiberglass fabric.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing bars and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: -100°F to +500°F (-73°C to +260°C).

Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape with PTFE Resin Impregnation: Premium Grade						
Part Number	Width in / mm		Price per Roll by Thickness			
			X = 3 .003" Dielectric S = 5 kV / A = 4.5 kV	X = 5 .005" Dielectric S = 7.5 kV / A = 7 kV	X = 6 .006" Dielectric S = 8.5 kV / A = 8.5 kV	X = 10 .010" Dielectric S = 9.5 kV / A = 9 kV
T-FG-PTRI-FDA-P-M013-08-X	.5	13	\$ 28.26 *	\$ 39.71 *	\$ 45.07 *	\$ 53.03 *
T-FG-PTRI-FDA-P-M019-12-X	.75	19	\$ 42.40 *	\$ 59.57 *	\$ 67.61 *	\$ 79.55 *
T-FG-PTRI-FDA-P-M025-16-X	1.0	25	\$ 56.52 *	\$ 79.42 *	\$ 90.14	\$ 106.06
T-FG-PTRI-FDA-P-M032-20-X	1.25	32	\$ 70.66	\$ 99.28	\$ 112.68	\$ 132.58
T-FG-PTRI-FDA-P-M038-24-X	1.5	38	\$ 84.78	\$ 119.12	\$ 135.22	\$ 159.08
T-FG-PTRI-FDA-P-M051-32-X	2.0	51	\$ 113.04	\$ 158.83	\$ 180.29	\$ 212.11
T-FG-PTRI-FDA-P-M064-40-X	2.5	64	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14
T-FG-PTRI-FDA-P-M076-48-X	3.0	76	\$ 169.56	\$ 238.25	\$ 270.43	\$ 318.17
Other Widths			\$ 56.52 / in	\$ 79.42 / in	\$ 90.14 / in	\$ 106.06 / in
Tensile Strength Warp / Fill (lbs/in)			95 / 55	140 / 130	150 / 115	325 / 235
Tear Strength Warp / Fill (lbs/in)			1.5 / 0.9	2.2 / 1.7	2.1 / 1.8	7.5 / 4.0

* NOTE: Minimum order for indicated tapes is 2 rolls Custom slitting available up to a maximum of 36 inches.

- For the "X" value in the part number, use "3" for .003, "5" for .005, "6" for .006, "10" for .010, "14" for .014
- All tapes are 36 yards. 18 yard rolls are available at -30% of the price shown.

The PTFE resin is applied to the base fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the PTFE surface to remove it from the fabric with fingernail scraping.



Fiberglass Tape with PTFE Resin Impregnation, Non Adhesive
FDA Food Contact Approved
500°F / 260°C: Tuff-Flex™ High Temperature & Chemical Resistant with Smooth
Non-Stick Surface - Industrial Grade



- This tape is made by slitting our PTFE resin impregnated fiberglass fabric.
- Provides excellent chemical resistance and superior electrical insulation. Used as a low friction release tape for heat sealing and other packaging applications.
- Used on various machinery parts to provide a smooth stick-free surface such as on production line runners and guides for easy product and parts conveyance.
- Used as an electrical tape for high insulation and high temperature performance.
- Industrial Grade is a smooth surface with slight surface texturization (underlying fiberglass weave). Premium Grade is an exceptionally smooth surface with a higher PTFE content than Industrial Grade.
- Temperature range: -100°F to +500°F (-73°C to +260°C).

Tuff-Flex™ High Temperature, Heat & Chemical Resistant Fiberglass Tape with PTFE Resin Impregnation & Self Adhesive: Industrial Grade							
Part Number	Width in / mm		Price per Roll by Thickness				
			X = 3 .003" Dielectric S = 5 kV / A = 5 kV	X = 5 .005" Dielectric S = 6 kV / A = 6 kV	X = 6 .006" Dielectric S = 8 kV / A = 8 kV	X = 10 .010" Dielectric S = 9.5 kV / A = 8.5 kV	X = 14 .014" * Dielectric S = 10.5 kV / A = 9 kV
T-FG-PTRI-FDA-I-M013-08-X	.5	13	\$ 23.55 *	\$ 33.09 *	\$ 37.56 *	\$ 44.19 *	\$ 67.80 *
T-FG-PTRI-FDA-I-M019-12-X	.75	19	\$ 35.33 *	\$ 49.64 *	\$ 56.34 *	\$ 66.29 *	\$ 101.70
T-FG-PTRI-FDA-I-M025-16-X	1.0	25	\$ 47.10 *	\$ 66.18 *	\$ 75.12 *	\$ 88.38	\$ 135.60
T-FG-PTRI-FDA-I-M032-20-X	1.25	32	\$ 58.88	\$ 82.73	\$ 93.90	\$ 110.48	\$ 169.50
T-FG-PTRI-FDA-I-M038-24-X	1.5	38	\$ 70.65	\$ 99.27	\$ 112.68	\$ 132.57	\$ 203.40
T-FG-PTRI-FDA-I-M051-32-X	2.0	51	\$ 94.20	\$ 132.36	\$ 150.24	\$ 176.76	\$ 271.20
T-FG-PTRI-FDA-I-M064-40-X	2.5	64	\$ 117.75	\$ 165.45	\$ 187.80	\$ 220.95	\$ 339.00
T-FG-PTRI-FDA-I-M076-48-X	3.0	76	\$ 141.30	\$ 198.54	\$ 225.36	\$ 265.14	\$ 406.80
Other Widths			\$ 47.10 / in	\$ 66.18 / in	\$ 75.12 / in	\$ 88.38 / in	\$ 135.60 / in
Tensile Strength Warp / Fill (lbs/in)			100 / 50 90 / 50	135 / 120 135 / 120	150 / 140 150 / 140	250 / 155 250 / 155	440 / 250 440 / 250
Tear Strength Warp / Fill (lbs/in)			1.7 / 0.9	2.3 / 1.5	2.0 / 1.5	4.9 / 3.0	7.0 / 5.0

***Note: Minimum order for indicated tapes is 2 rolls** Custom slitting available up to a maximum of 36 inches.

- For the "X" value in the part number, use "3" for .003, "5" for .005, "6" for .006, "10" for .010, "14" for .014
- All tapes are 36 yards. 18 yard rolls are available at -30% of the price shown.

The PTFE resin is applied to the fabric in a hot process and under pressure, causing a total impregnation of the base fabric. The surface of the resin is smooth and it takes considerable and aggressive force to scratch the ptfе surface to remove it from the fabric with fingernail scraping.



Tacky-Cloth™ White Rubber Coated Fiberglass Gasket Tape
550°F / 287°C: Tuff-Flex™ High Temperature Heat Resistant Tape: With or Without Wire Insert



This is a widely used and universal tape for making gaskets, especially where a rough or uneven surface or flange exists. The tape is a fiberglass base with a special white rubber formulation. The tape is tacky, and has a plastic film surface covering that is removed before installation. The tape will stick to itself once the film is removed.

Wire Inserted Version: The fill (width wise) yarn for this version of the fabric has a twisted brass wired formed with it, providing additional dimensional stability/strength.

550°F / 287°C continuous rating, excellent sealing properties as a gasket material

Tuff-Flex™ High Temperature White Rubber Coated Fiberglass Universal Gasket Tape (Tacky Cloth)						
Part Number	Width in / mm	Price per Foot By Thickness: A / B / C / D / E				
		“A” thickness .062 / 1.6	“B” thickness .125 / 3.2	“C” thickness .187 / 4.8	“D” thickness .250 / 6.3	“E” thickness .375 / 7.9
T-FG-TC-M013-08-X-Z	.50 / 13	NA	\$ 1.40	\$ 2.08	\$ 2.76	NA
T-FG-TC-M019-12-X-Z	.75 / 19	NA	\$ 1.84	\$ 2.48	\$ 3.44	NA
T-FG-TC-M025-16-X-Z	1.0 / 25	\$ 1.12	\$ 2.20	\$ 3.20	\$ 4.32	\$ 6.88
T-FG-TC-M032-20-X-Z	1.25 / 32	\$ 1.40	\$ 2.72	\$ 4.04	\$ 5.40	\$ 8.32
T-FG-TC-M038-24-X-Z	1.50 / 38	\$ 1.60	\$ 3.20	\$ 4.84	\$ 6.52	\$ 9.96
T-FG-TC-M051-32-X-Z	2.00 / 51	\$ 2.20	\$ 4.32	\$ 6.52	\$ 8.60	\$ 12.96
T-FG-TC-M076-48-X-Z	3.00 / 76	\$ 3.04	\$ 6.08	\$ 9.24	\$ 12.28	\$ 19.44
T-FG-TC-M102-64-X-Z	4.00 / 102	\$ 4.08	\$ 8.20	\$ 12.28	\$ 16.40	\$ 25.88
T-FG-TC-M127-80-X-Z	5.00 / 127	\$ 4.92	\$ 10.20	\$ 15.32	\$ 20.40	\$ 32.44

For the “X” value specify either A, B, C, D, or E
For the “Z” value, use “W” to specify with wire insert and “N” to specify no wire

Gasket Cloth with and without Wire Insert – Same Price with Either Option

Standard Rolls of 25 and 50 feet. Other lengths add +25% to price.

Curing: It is recommended that this material be cured in situ. This material must be heated to a minimum of 300°F within 60 minutes, then it must sit at 300°F or higher for 90 minutes for the rubber to fully cure.

Do not overtorque the material during this curing time or the rubber will be squeezed off of the base material.

If the material is not fully cured, the rubber will drip from the material causing voids. After curing the material can be exposed to a lower operational temperature.

Tacky Cloth™ Luting & Groove Packing 550°F / 287°C: Tuff-Flex™ High Temperature Heat Resistant, Wire Inserted



- Luting & groove packing.
- Formed square: available rectangular or round.
- Standard 25 and 50 foot lengths.
- Add +25% to the price for non standard lengths.

550°F / 287°C continuous rating, excellent sealing properties as a gasket material

Tuff-Flex™ High Temperature Luting & Groove Packing - Square			
Part Number	Size in / mm	Price per Foot	
		Regular	Graphite Coated
T-FG-TC-LGP-M010-06-X	.375 / 10	\$ 5.70	\$ 11.20
T-FG-TC-LGP-M013-08-X	.500 / 13	\$ 6.43	\$ 11.93
T-FG-TC-LGP-M016-10-X	.625 / 16	\$ 9.37	\$ 14.87
T-FG-TC-LGP-M019-12-X	.750 / 19	\$ 9.90	\$ 15.40
T-FG-TC-LGP-M022-14-X	.875 / 22	\$ 12.47	\$ 17.97
T-FG-TC-LGP-M025-16-X	1.00 / 25	\$ 17.50	\$ 22.97
T-FG-TC-LGP-M029-18-X	1.125 / 29	\$ 19.57	\$ 23.40
T-FG-TC-LGP-M032-20-X	1.250 / 32	\$ 31.93	\$ 37.43
T-FG-TC-LGP-M038-24-X	1.500 / 38	\$ 32.67	\$ 38.16

For the “X” value specify either “R” for Regular, or “GC” for Graphite Coated

Standard Rolls of 25 and 50 feet. Other lengths add +25% to price.

Curing: It is recommended that this material be cured in situ. This material must be heated to a minimum of 300°F within 60 minutes, then it must sit at 300°F or higher for 90 minutes for the rubber to fully cure.

Do not overtorque the material during this curing time or the rubber will be squeezed off of the base material.

If the material is not fully cured, the rubber will drip from the material causing voids. After curing the material can be exposed to a lower operational temperature.



Woven Fiberglass Electrical Apparatus Insulating Tape: Premium Grade
1200°F / 648°C: DeltaGlass™ Very High Temperature & Heat Resistant



- Woven from filament fiberglass yarns, this tape will withstand temperatures up to 1200°F / 648°C in continuous service.
- Used extensively as an insulating tape in transformers, motors and generators. This tape is a bright white color. Selvaged edge to prevent fraying.
- This tape offers superior insulating properties as well as very low chloride and alkali content.
- Other widths available by custom order.
- Various finishes and treatments available including heat cleaned.

1200°F / 648°C continuous rating, high insulation value

Fiberglass Woven Tape for Electrical Apparatus Construction High Temperature & Heat Resistant										
Part Number	Width in / mm		Base Price per Roll; By Thickness							
			"A" thickness .003" / .08mm Base Price	"B" thickness .004" / .10mm Base Price	"C" thickness .005" / .13mm Base Price	"D" thickness .007" / .18mm Base Price	"E" thickness .010" / .25mm Base Price	"F" thickness .015" / .38mm Base Price		
Medium Weave - Type A										
T-FG-WOVEN-A-M013-08-X	.5	13	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	N/A	
Warp Total Ends / Fill Picks/in				W 26 / F 26	W 25 / F 26	W 25 / F 26	W 42 / F 18			
T-FG-WOVEN-A-M019-12-X	.75	19	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	
Warp Total Ends / Fill Picks/in				W 37 / F 26	W 37 / F 26	W 37 / F 26	W 66 / F 18	W 19 / F 16		
T-FG-WOVEN-A-M025-16-X	1.0	25	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	
Warp Total Ends / Fill Picks/in				W 49 / F 26	W 49 / F 26	W 49 / F 26	W 86 / F 18	W 26 / F 16	W 45 / F 15	
T-FG-WOVEN-A-M038-24-X	1.5	38	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	\$ 5.00	
Warp Total Ends / Fill Picks/in				W 73 / F 26	W 71 / F 26	W 71 / F 26	W 132 / F 18		W 68 / F 15	
Tight Weave - Type B										
T-FG-WOVEN-B-M013-08-X	.5	13	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	N/A	
Warp Total Ends / Fill Picks/in				W 26 / F 30	W 25 / F 33	W 25 / F 33	W 42 / F 22			
T-FG-WOVEN-B-M019-12-X	.75	19	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	N/A	
Warp Total Ends / Fill Picks/in				W 37 / F 30	W 37 / F 33	W 37 / F 33	W 66 / F 22			
T-FG-WOVEN-B-M025-16-X	1.0	25	N/A	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00	N/A	N/A	
Warp Total Ends / Fill Picks/in				W 49 / F 30	W 49 / F 33	W 49 / F 33	W 86 / F 22			
T-FG-WOVEN-B-M038-24-X	1.5	38	N/A	\$ 5.00	\$ 5.00	\$ 5.00	N/A	N/A	N/A	
Warp Total Ends / Fill Picks/in				W 73 / F 30	W 71 / F 33	W 71 / F 33				
Mil Spec Weave MIL-Y-1140 - Type M										
T-FG-WOVEN-M-M013-08-X	.5	13	\$ 5.00	N/A	\$ 5.00	\$ 5.00	N/A	N/A	N/A	
Warp Total Ends / Fill Picks/in			W 29 / F 42		W 26 / F 38	W 26 / F 38				
T-FG-WOVEN-M-M019-12-X	.75	19	\$ 5.00	N/A	\$ 5.00	\$ 5.00	N/A	N/A	N/A	
Warp Total Ends / Fill Picks/in			W 45 / F 42		W 38 / F 38	W 38 / F 38				
T-FG-WOVEN-M-M025-16-X	1.0	25	\$ 5.00	N/A	\$ 5.00	\$ 5.00	N/A	N/A	N/A	
Warp Total Ends / Fill Picks/in			W 62 / F 42		W 51 / F 38	W 51 / F 38				

- For the "X" Value in the part number, specify A, B, C, D, E, F or G to correspond to the desired thickness.

Price shown is the base price for the tape. For CT Finish multiply price by 1.25. For CT Yellow finish multiply price by 1.35. For G10E Finish multiply price by 1.40. For Gilt edge finish multiply price by 1.20. For 112 finish multiply price by 1.37. For #16 finish multiply price by 1.30. For Golden Gilt Edge finish multiply price by 1.45.



Fiberglass Knitted Gasket / Thermal Insulation Tape
1200°F / 648°C: DeltaGlass™ Very High Temperature & Heat Resistant
Plain Tape & Bolt Hole / Drop-Warp / LadderTape™: Premium Grade



These knitted tapes are fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.

This material resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

Knitted tapes are extremely flexible and highly conformable, much more so than the same dimension tape in a woven style.

Texturized yarn ensures high bulk and high thermal insulation value.

A Heat Treated version of this product is available – please enquire.

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Knitted Tape: Plain & Bolt Hole/Drop-Warp/LadderTape™ - Premium			
1/8" / 3mm Thick Knitted Plain Tape / Drop-Warp - LadderTape™			
Part Number	Width inch / mm		Price per Roll Plain / Drop Warp
T-FG-KNIT-1.000-M025-X	1"	25	\$ 71.67 / \$ 61.67
T-FG-KNIT-1.250-M032-X	1 1/4"	32	\$ 90.00 / \$ 78.33
T-FG-KNIT-1.500-M038-X	1 1/2"	38	\$ 110.00 / \$ 90.00
T-FG-KNIT-1.750-M044-X	1 3/4"	44	\$ 135.00 / \$ 100.00
T-FG-KNIT-2.000-M051-X	2"	51	\$ 156.67 / \$ 110.00
T-FG-KNIT-2.500-M064-X	2 1/2"	64	\$ 180.00 / \$ 133.33
T-FG-KNIT-3.000-M076-X	3"	76	\$ 210.00 / \$ 163.33
T-FG-KNIT-4.000-M102-X	4"	102	\$ 256.67 / \$ 210.00
T-FG-KNIT-5.000-M127-X	5"	127	\$ 306.67 / \$ 260.00

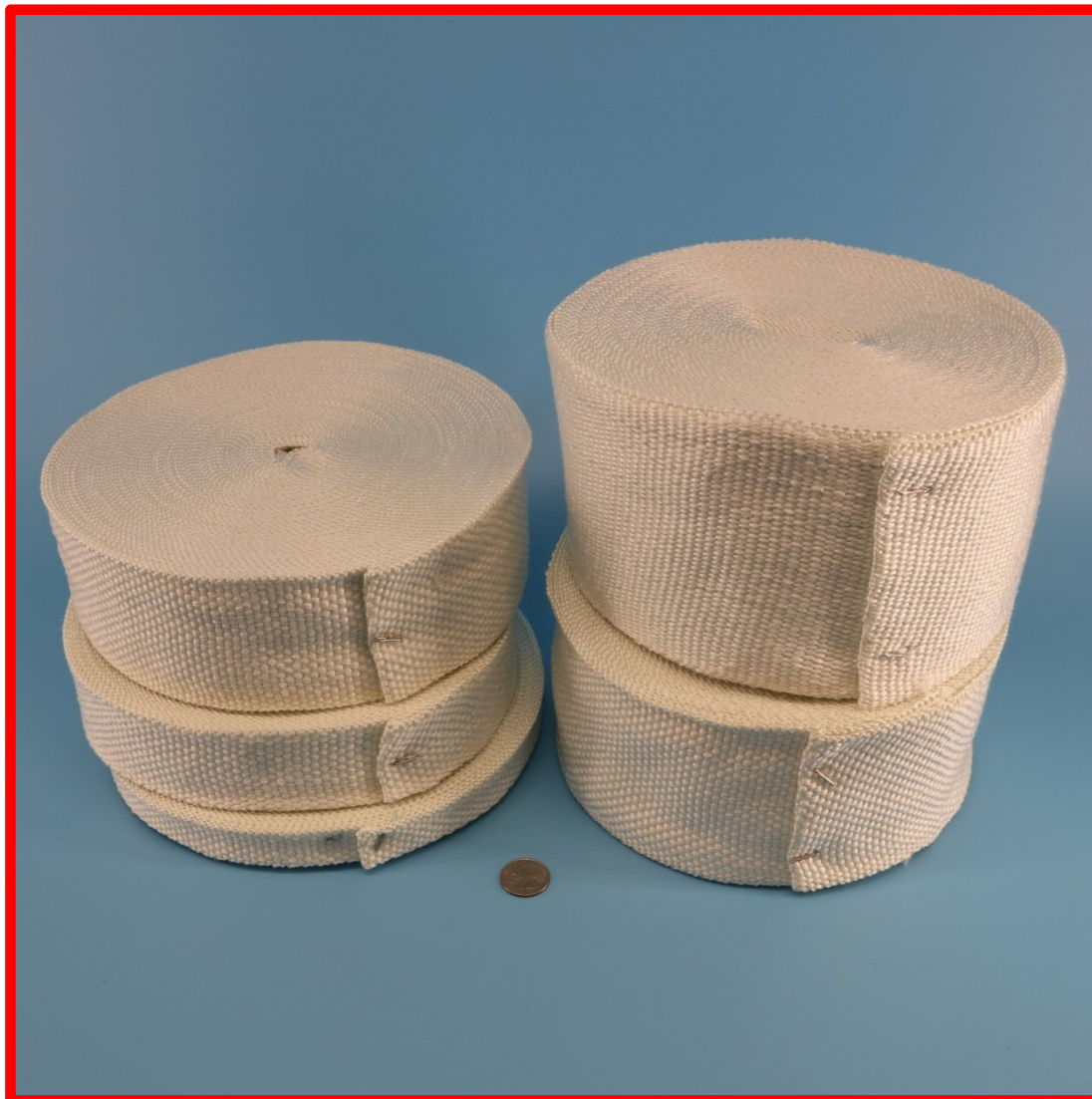
Each roll contains 100 feet / 30 metres.

For the "X" value specify either "P" for Plain Style, or "DW" for Drop Warp (Bolt-Hole / Ladder)

This Product is NOT Available By-The-Foot – Full Rolls Only

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.

**Woven Fiberglass Gasket / Thermal Insulating Tape: Premium Grade
1200°F / 648°C: DeltaGlass™ Very High Temperature & Heat Resistant Plain &
Drop-Warp (Bolt-Hole / Ladder Tape™)**



Manufactured of texturized fiberglass yarns, this tape will withstand temperatures up to 1200°F / 648°C in continuous service. 100% asbestos free, this tape is a bright white color.

This tape offers superior insulating properties as well as low chloride content.

Offered in *Plain* and *Drop Warp (also known as Bolt-Hole or LadderTape™)*. Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc.

A Heat Treated version of this product is available – please enquire. Also available with Pressure Sensitive Adhesive (PSA) (see following page).

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Woven Fiberglass Gasket / Thermal Insulating Tape: Premium Grade
 (Continued)



Very High Temperature & Heat Resistant Fiberglass Woven Plain & Drop-Warp (Bolt-Hole / LadderTape™) - Premium Grade					
Part Number	Width in / mm		Price per Roll By Thickness		
			"A" thickness Price / Weight (lb)	"B" thickness Price / Weight (lb)	"C" thickness Price / Weight (lb)
T-FG-WOVEN-P-0.500-M013-X-Z**	.5	13	\$ 34.20 / 1.0	\$ 44.43 / 2.2	NA
T-FG-WOVEN-P-0.750-M019-X-Z**	.75	19	\$ 49.60 / 1.6	\$ 55.70 / 3.2	\$ 88.87 / 6.9
T-FG-WOVEN-P-1.000-M025-X-Z	1.0	25	\$ 36.73 / 2.1	\$ 58.44 / 4.2	\$ 128.26 / 9.8
T-FG-WOVEN-P-1.250-M032-X-Z	1.25	32	\$ 38.73 / 2.5	\$ 59.73 / 5.2	\$ 146.83 / 12.6
T-FG-WOVEN-P-1.500-M038-X-Z	1.5	38	\$ 40.13 / 3.0	\$ 60.55 / 6.2	\$ 174.43 / 14.6
T-FG-WOVEN-P-2.000-M051-X-Z	2.0	51	\$ 44.73 / 4.1	\$ 70.80 / 8.2	\$ 188.71 / 19.5
T-FG-WOVEN-P-2.500-M064-X-Z	2.5	64	\$ 49.86 / 5.1	\$ 82.20 / 10.2	\$ 214.66 / 24.4
T-FG-WOVEN-P-3.000-M076-X-Z	3.0	76	\$ 58.23 / 6.2	\$ 99.20 / 12.2	\$ 244.70 / 29.3
T-FG-WOVEN-P-3.500-M089-X-Z	3.5	89	\$ 66.43 / 7.3	\$ 110.86 / 14.2	\$ 286.43 / 34.2
T-FG-WOVEN-P-4.000-M102-X-Z	4.0	102	\$ 75.60 / 8.2	\$ 123.16 / 16.5	\$ 303.16 / 39.0
T-FG-WOVEN-P-4.500-M114-X-Z	4.5	114	\$ 90.77 / 9.2	\$ 163.21 / 18.5	\$ 348.44 / 44.0
T-FG-WOVEN-P-5.000-M127-X-Z	5.0	127	\$ 92.73 / 10.3	\$ 169.93 / 20.5	\$ 379.46 / 48.8
T-FG-WOVEN-P-5.500-M140-X-Z	5.5	140	\$ 96.73 / 11.3	\$ 177.93 / 22.5	\$ 398.46 / 53.7
T-FG-WOVEN-P-6.000-M152-X-Z	6.0	152	\$ 117.03 / 12.3	\$ 187.46 / 24.5	\$ 423.10 / 58.6

- For the "X" Value, specify A, B or C in part number to correspond to the desired thickness
A = 1/16" / .0625" / 1.59mm **B** = 1/8" / .125" / 3.18mm **C** = 1/4" / .250" / 6.35mm
- For the "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape.
 Same price either version.
- All tapes are 100 foot / 30 metre lengths.
- Items with * may have higher minimum order quantities – please call.
- ** -08 / .5" / 13mm and -12 / .75" / 19mm width tapes are not available in Drop Warp
- Heat Treated / Heat Cleaned Available: low smoke – dimensionally set – exceptionally clean

Custom width tapes: Minimum 20 rolls or \$650 setup charge for lower quantities.



Woven Fiberglass Gasket / Thermal Insulating Tape:

Premium Grade with PSA Adhesive

1200°F / 648°C: DeltaGlass™ Very High Temperature & Heat Resistant Plain & Drop Warp (Bolt-Hole / Ladder Tape™) with Adhesive PSA



Manufactured of texturized fiberglass yarns, this tape will withstand temperatures up to 1200°F / 648°C in continuous service. 100% asbestos free, this tape is a bright white color.

This tape offers superior insulating properties as well as low chloride content.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc.

A Heat Treated version of this product is available – please enquire. Also available without Pressure Sensitive Adhesive (PSA) (see previous page in catalog).

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Plain & Drop-Warp / Bolt-Hole / LadderTape™ - Premium Grade with PSA Adhesive

Part Number	Width in / mm		Price per Roll By Thickness		
			"A" thickness Price	"B" thickness Price	"C" thickness Price
T-FG-WOVEN-P-0.500-M013-X-Z-PSA**	.5	13	\$ 77.17	\$ 87.40	NA
T-FG-WOVEN-P-0.750-M019-X-Z-PSA**	.75	19	\$ 83.63	\$ 92.60	\$ 137.03
T-FG-WOVEN-P-1.000-M025-X-Z-PSA	1.0	25	\$ 87.03	\$ 100.23	\$ 178.23
T-FG-WOVEN-P-1.250-M032-X-Z-PSA	1.25	32	\$ 97.88	\$ 117.03	\$ 193.50
T-FG-WOVEN-P-1.500-M038-X-Z-PSA	1.5	38	\$ 100.13	\$ 119.87	\$ 227.77
T-FG-WOVEN-P-2.000-M051-X-Z-PSA	2.0	51	\$ 111.50	\$ 137.27	\$ 252.83
T-FG-WOVEN-P-2.500-M064-X-Z-PSA	2.5	64	\$ 124.87	\$ 157.20	\$ 289.43
T-FG-WOVEN-P-3.000-M076-X-Z-PSA	3.0	76	\$ 139.46	\$ 180.70	\$ 326.36
T-FG-WOVEN-P-3.500-M089-X-Z-PSA	3.5	89	\$ 146.40	\$ 193.86	\$ 396.96
T-FG-WOVEN-P-4.000-M102-X-Z-PSA	4.0	102	\$ 185.46	\$ 216.00	\$ 396.73
T-FG-WOVEN-P-4.500-M114-X-Z-PSA	4.5	114	\$ 191.43	\$ 247.63	\$ 437.71
T-FG-WOVEN-P-5.000-M127-X-Z-PSA	5.0	127	\$ 212.33	\$ 281.20	\$ 491.40
T-FG-WOVEN-P-5.500-M140-X-Z-PSA	5.5	140	\$ 219.33	\$ 288.20	\$ 501.40
T-FG-WOVEN-P-6.000-M152-X-Z-PSA	6.0	152	\$ 227.36	\$ 295.23	\$ 518.20

- For the "X" Value, specify A, B or C in part number to correspond to the desired thickness
A = 1/16" / .0625" / 1.59mm **B** = 1/8" / .125" / 3.18mm **C** = 1/4" / .250" / 6.35mm
- For the "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape. Same price either version.
- All tapes are 100 foot / 30 metre lengths.
- Items with * may have higher minimum order quantities – please call.
- ** -08 / .5" / 13mm and -12 / .75" / 19mm width tapes are not available in Drop Warp
- Heat Treated / Heat Cleaned Available: low smoke – dimensionally set – exceptionally clean

Custom width tapes: Minimum 20 rolls or \$650 setup charge for lower quantities.



Fiberglass Woven Gasket & Thermal Insulating Tape: *Industrial Grade* 1200°F / 648°C: - Very High Temperature & Heat Resistant Plain & Drop-Warp (Bolt-Hole / Ladder Tape)



Manufactured of texturized fiberglass yarns, tape will withstand temperatures up to 1200°F / 648°C in continuous service.

This tape offers superior insulating properties as well as low chloride content.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc. This is also called a Ladder or Bolthole tape.

A Heat Treated version of this product is available.

Industrial grade tape has a lower bulk than Premium grade (the same size tape weighs more in Premium grade than Industrial grade as it has more fibreglass content). Available with and without Pressure Sensitive Adhesive (PSA).

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Plain & Bolt-Hole / Drop-Warp / LadderTape™ - Industrial Grade					
Part Number	Width in / mm		Price per Roll By Thickness: A / B / C		
			"A" thickness no PSA / with PSA	"B" thickness no PSA / with PSA	"C" thickness no PSA / with PSA
T-FG-WOVEN-I-0.500-M013-X-Z**	.5	13	\$ 102.63 / \$ 218.13	\$ 37.30 / \$ 80.26	N/A / NA
T-FG-WOVEN-I-0.750-M019-X-Z**	.75	19	\$ 20.46 / \$ 69.40	\$ 38.74 / \$ 86.22	N/A / NA
T-FG-WOVEN-I-1.000-M025-X-Z	1.0	25	\$ 23.90 / \$ 74.16	\$ 38.56 / \$ 88.43	\$ 57.35 / N/A
T-FG-WOVEN-I-1.250-M032-X-Z	1.25	32	\$ 29.63 / \$ 88.53	\$ 43.80 / \$ 99.20	N/A / NA
T-FG-WOVEN-I-1.500-M038-X-Z	1.5	38	\$ 29.86 / \$ 89.46	\$ 45.48 / \$ 108.06	N/A / NA
T-FG-WOVEN-I-2.000-M051-X-Z	2.0	51	\$ 34.43 / \$ 101.76	\$ 50.50 / \$ 117.83	\$ 67.21 / N/A
T-FG-WOVEN-I-2.500-M064-X-Z	2.5	64	\$ 48.63 / \$ 123.16	\$ 65.80 / \$ 140.96	N/A / NA
T-FG-WOVEN-I-3.000-M076-X-Z	3.0	76	\$ 53.03 / \$ 135.23	\$ 67.10 / \$ 147.50	\$ 84.81 / N/A
T-FG-WOVEN-I-3.500-M089-X-Z	3.5	89	\$ 59.66 / \$ 141.13	\$ 78.66 / \$ 156.13	N/A / NA
T-FG-WOVEN-I-4.000-M102-X-Z	4.0	102	\$ 63.16 / \$ 157.93	\$ 87.76 / \$ 168.53	N/A / NA
T-FG-WOVEN-I-4.500-M114-X-Z	4.5	114	\$ 71.46 / \$ 169.93	\$ 94.51 / \$ 188.79	N/A / NA
T-FG-WOVEN-I-5.000-M127-X-Z	5.0	127	\$ 79.53 / \$ 191.70	\$ 109.80 / \$ 203.96	N/A / NA
T-FG-WOVEN-I-5.500-M140-X-Z	5.5	140	\$ 92.17 / \$ 201.33	\$ 120.27 / \$ 217.31	N/A / NA
T-FG-WOVEN-I-6.000-M152-X-Z	6.0	152	\$ 108.73 / \$ 213.00	\$ 126.36 / \$ 229.63	N/A / NA

- For the "X" value, specify "A" or "B" in part number to correspond to the desired thickness
A = 1/16" / .0625" / 1.59mm **B** = 1/8" / .125" / 3.18mm **C** = 1/4" / .250" / 6.35mm
- For "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape
 Same price either version. Not all sizes available in drop warp style.
- All tapes are 100 foot / 30 metre lengths.
- Items with * may have higher minimum order quantities – please call.
- ** .5"/13mm and .75"/19mm width tapes are not available in Drop Warp



Fiberglass Woven Gasket & Thermal Insulating Tape: *Heat Treated – Heat Cleaned*

1200°F / 648°C: Very High Temperature & Heat Resistant Plain Tape



Manufactured of texturized fiberglass yarns, tape will withstand temperatures up to 1200°F / 648°C in continuous service.

This tape offers superior insulating properties as well as low chloride content.

Heat Treated / Heat Cleaned tapes have very low smoke off when installed in high temperature applications, as the organics have been already mostly removed. Heat treating also sets the tape dimensionally.

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Plain Tape: Heat Treated / Heat Cleaned			
Part Number	Width in / mm		Price per Roll
T-FG-WOVEN-HT-1.000-M025	1.0	25	\$ 48.56
T-FG-WOVEN-HT-2.000-M051	2.0	51	\$ 62.50
T-FG-WOVEN-HT-2.500-M064	2.5	64	\$ 79.80
T-FG-WOVEN-HT-3.000-M076	3.0	76	\$ 81.10
T-FG-WOVEN-HT-4.000-M102	4.0	102	\$ 107.76

These are common ordered sizes: any of our tapes can be heat-treated/heat cleaned

- Tape thickness is .100"
- All tapes are 100 foot / 30 metre lengths.

Fiberglass Woven Gasket & Thermal Insulating Tape:

Premium Grade / Special Thin

1200°F / 648°C: Very High Temperature & Heat Resistant Plain & Bolt-Hole / LadderTape™



Manufactured of texturized fiberglass yarns, this tape will withstand temperatures up to 1200°F / 648°C in continuous service.

This tape offers superior insulating properties as well as low chloride content.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc.

A Heat Treated version of this product is available – please enquire

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Plain & Bolt-Hole / Drop-Warp / LadderTape™ Premium Grade / Special Thin 1/32" / .0313" / 0.8mm Thickness				
Part Number	Width in / mm		Price per Roll	
			no PSA	with PSA
T-FG-WOVEN-P-THIN-0.500-M013-X**	.5	13	\$ 16.88	\$ 27.43
T-FG-WOVEN-P-THIN-1.000-M025-X	1.0	25	\$ 24.20	\$ 37.23
T-FG-WOVEN-P-THIN-1.500-M038-X	1.5	38	\$ 31.40	\$ 54.13
T-FG-WOVEN-P-THIN-2.000-M051-X	2.0	51	\$ 37.73	\$ 65.33
T-FG-WOVEN-P-THIN-2.500-M064-X	2.5	64	\$ 45.10	\$ 85.90
T-FG-WOVEN-P-THIN-3.000-M076-X	3.0	76	\$ 52.53	\$ 106.37
T-FG-WOVEN-P-THIN-3.500-M089-X	3.5	89	\$ 60.47	\$ 120.86
T-FG-WOVEN-P-THIN-4.000-M102-X	4.0	102	\$ 67.80	\$ 135.40
T-FG-WOVEN-P-THIN-4.500-M114-X	4.5	114	\$ 75.63	\$ 149.30
T-FG-WOVEN-P-THIN-5.000-M127-X	5.0	127	\$ 82.73	\$ 163.13
T-FG-WOVEN-P-THIN-5.500-M140-X	5.5	140	\$ 89.96	\$ 176.47
T-FG-WOVEN-P-THIN-6.000-M152-X	6.0	152	\$ 96.90	\$ 189.80

- This tape is 1/32" / .0313" / 0.8mm thick
- For the "X" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape.

Same price either style.

- Add "-PSA" to the part number for tape with PSA coating.
- All tapes are 100 foot / 30 metre lengths.
- ** -08 / .5" / 13mm width tapes are not available in Drop Warp



Fiberglass Colored Woven Tape:
1200°F / 648°C: Very High Temperature & Heat Resistant: Industrial Grade



Manufactured of texturized fiberglass yarns, tape will withstand temperatures up to 1200°F / 648°C in continuous service.

tape offers superior insulating properties as well as low chloride content.

Color coded tapes are an excellent solution for identifying hoses and pipes, for example, as supply (hotter) or return (cooler).

Available in Black, Blue, Red, Green, Silver

Only available in 1/16" thick.

1200°F / 648°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Color Coded Tape			
Part Number	Width in / mm		Price per Roll By Length
			15 feet / 25 feet / 50 feet
T-FG-WOVEN-CC-1.000-M025-A-X-Y	1.0	25	\$ 12.41 / \$ 18.60 / \$ 34.87
T-FG-WOVEN-CC-2.000-M051-A-X-Y	2.0	51	\$ 21.89 / \$ 33.64 / \$ 63.62

- For the "X" value, specify "BK" for black; "BL" for blue; "R" for red; "G" for green; "S" for silver/grey.
- For the "Y" value, add the length to the part number; -15, -25, -50

MINIMUM ORDER 200 ROLLS

ProSil™ Silica/Glass Blend Woven Gasket & Thermal Insulating Tape

1350°F / 732°C: FlameShield™ 1500 Very High Temperature & Heat Resistant
Plain & Bolt-Hole / LadderTape™



ProSil™ Silica/Glass blended tape is a proprietary mixed yarn tape that remains soft and workable at temperatures where fiberglass tapes become brittle.

Withstands temperatures up to 1350°F / 732°C constant exposure without becoming brittle.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc. This is also called a Ladder or Bolthole tape.

Available with an acrylic Pressure Sensitive Adhesive (PSA) designed to aid in placement of the tape in gasket applications. The PSA will smoke off at temperatures above 425°F / 218°C.

ProSil™ Silica/Glass Blend Woven Gasket & Thermal Insulating Tape
1350°F / 732°C: FlameShield™ 1500 Very High Temperature & Heat Resistant Plain & Bolt-Hole / LadderTape™



1350°F / 732°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant ProSil™ Silica/Glass Blended Tape Plain & Bolt-Hole / Drop-Warp / LadderTape™				
Part Number	Width in / mm		1/16" / 1/8" thickness	1/16" / 1/8" thickness
			Plain & Drop Warp No PSA	Plain & Drop Warp with PSA
T-PROSIL-WOVEN-0.5-M013-X-Z	.5	13	\$ 28.08 / \$ 51.84	\$ 49.56 / \$ 80.52
T-PROSIL-WOVEN-1.0-M025-X-Z	1.0	25	\$ 36.84 / \$ 75.15	\$ 68.40 / \$ 116.04
T-PROSIL-WOVEN-1.5-M038-X-Z	1.5	38	\$ 52.29 / \$ 106.29	\$ 96.63 / \$ 166.92
T-PROSIL-WOVEN-2.0-M051-X-Z	2.0	51	\$ 67.80 / \$ 139.32	\$ 122.82 / \$ 215.76
T-PROSIL-WOVEN-2.5-M064-X-Z	2.5	64	\$ 83.34 / \$ 172.50	\$ 159.87 / \$ 276.18
T-PROSIL-WOVEN-3.0-M076-X-Z	3.0	76	\$ 98.64 / \$ 205.62	\$ 196.56 / \$ 336.60
T-PROSIL-WOVEN-3.5-M089-X-Z	3.5	89	\$ 114.12 / \$ 238.71	\$ 224.88 / \$ 387.69
T-PROSIL-WOVEN-4.0-M102-X-Z	4.0	102	\$ 129.57 / \$ 271.71	\$ 253.20 / \$ 438.72
T-PROSIL-WOVEN-4.5-M114-X-Z	4.5	114	\$ 152.22 / \$ 312.42	\$ 291.03 / \$ 499.98
T-PROSIL-WOVEN-5.0-M127-X-Z	5.0	127	\$ 174.84 / \$ 353.13	\$ 328.74 / \$ 561.18
T-PROSIL-WOVEN-5.5-M140-X-Z	5.5	102	\$ 190.50 / \$ 393.63	\$ 356.91 / \$ 621.39
T-PROSIL-WOVEN-6.0-M152-X-Z	6.0	152	\$ 206.13 / \$ 434.10	\$ 385.02 / \$ 681.69

- Roll length is 100 feet / 30 metres.
- For the "X" value, specify "A" or "B" in part number to correspond to the desired thickness.
 A = 1/16" / .0625" / 1.59mm B = 1/8" / .125" / 3.18mm
- For the "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape
 Same price either style.
- Add "-PSA" to the part number for tape with PSA coating.

Fiberglass Woven Gasket & Thermal Insulating Tape with Vermiculite Coating: *Premium Grade*
1500°F / 815°C: FlameShield™ 1500 Very High Temperature & Heat Resistant
Plain & Bolt-Hole / LadderTape™



Plain tape shown on the left - Drop-Warp / Bolt Hole / Ladder tape shown on the right

Vermiculite coated fiberglass tape is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Certified to meet the requirements of ASTM E 162, ASTM E 662 & SMP 800-C for surface flammability, smoke and toxic gas generation.

Vermiculite coated tape will withstand temperatures up to 1500°F / 815°C constant exposure with excursions to 2000°F / 1093°F. Also offers additional abrasion resistance and stiffness.

Offered in *Plain* and *Drop Warp (also known as Bolt-Hole or LadderTape™)*. Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc. This is also called a Ladder-Tape or Bolt-hole tape.

Available with and without Pressure Sensitive Adhesive (PSA). Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

**Fiberglass Woven Gasket & Thermal Insulating Tape with Vermiculite Coating:
Premium Grade (Continued)**



1500°F / 815°C continuous rating, high insulation value & excellent personnel protection

**Very High Temperature & Heat Resistant Vermiculite Coated Fiberglass Tape
Premium Grade Plain & Bolt-Hole / Drop-Warp / LadderTape™**

Part Number	Width in / mm		A / B / C thickness Plain & Drop Warp No PSA	A / B / C thickness Plain & Drop Warp with PSA
T-FG-VC-WOVEN-P-M013-08-X-Z**	.5	13	\$ 79.50 / \$ 93.33 / NA	\$ 122.47 / \$ 136.30 / NA
T-FG-VC-WOVEN-P-M019-12-X-Z**	.75	19	\$ 81.20 / \$ 96.67 / \$ 153.30	\$ 123.97 / \$ 141.50 / \$ 201.47
T-FG-VC-WOVEN-P-M025-16-X-Z	1.0	25	\$ 82.93 / \$ 99.83 / \$ 206.50	\$ 133.23 / \$ 150.80 / \$ 256.13
T-FG-VC-WOVEN-P-M032-20-X-Z	1.25	32	\$ 85.57 / \$ 111.27 / \$ 231.57	\$ 144.87 / \$ 170.57 / \$ 290.87
T-FG-VC-WOVEN-P-M038-24-X-Z	1.5	38	\$ 87.50 / \$ 114.58 / \$ 268.83	\$ 147.62 / \$ 178.65 / \$ 322.17
T-FG-VC-WOVEN-P-M051-32-X-Z	2.0	51	\$ 93.67 / \$ 128.90 / \$ 288.07	\$ 160.47 / \$ 195.37 / \$ 354.87
T-FG-VC-WOVEN-P-M064-40-X-Z	2.5	64	\$ 100.67 / \$ 144.31 / \$ 323.03	\$ 175.66 / \$ 219.32 / \$ 398.03
T-FG-VC-WOVEN-P-M076-48-X-Z	3.0	76	\$ 111.93 / \$ 167.03 / \$ 366.33	\$ 193.17 / \$ 446.67 / \$ 467.96
T-FG-VC-WOVEN-P-M089-56-X-Z	3.5	89	\$ 123.03 / \$ 182.11 / \$ 398.78	\$ 206.33 / \$ 265.40 / \$ 497.58
T-FG-VC-WOVEN-P-M102-64-X-Z	4.0	102	\$ 135.40 / \$ 198.20 / \$ 443.17	\$ 248.60 / \$ 292.56 / \$ 506.33
T-FG-VC-WOVEN-P-M127-80-X-Z	5.0	127	\$ 157.57 / \$ 262.73 / \$ 535.66	\$ 278.20 / \$ 374.67 / \$ 647.53
T-FG-VC-WOVEN-P-M152-96-X-Z	6.0	152	\$ 162.97 / \$ 286.43 / \$ 590.50	\$ 294.30 / \$ 384.40 / \$ 688.51

- For the "X" value, specify A, B or C in part number to correspond to the desired thickness
A = 1/16" / .0625" / 1.59mm B = 1/8" / .125" / 3.18mm C = 1/4" / .250" / 6.35mm
- For "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape.
Same price either style.
- Add "-PSA" to the part number for tape with PSA coating.
- 1/16" and 1/8" thick tapes are 100 foot lengths. For 1/4" thick tapes, larger widths may be available in 50 foot lengths.
- ** -08 / .5" / 13mm and -12 / .75" / 19mm width tapes are not available in Drop Warp

Fiberglass Woven Gasket & Thermal Insulating Tape with Vermiculite Coating: *Industrial Grade*
1500°F / 815°C: FlameShield™ 1500 Very High Temperature & Heat Resistant
Plain & Bolt-Hole / LadderTape™



Vermiculite coated fiberglass tape is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Certified to meet the requirements of ASTM E 162, ASTM E 662 & SMP 800-C for surface flammability, smoke and toxic gas generation.

Vermiculite coated tape will withstand temperatures up to 1500°F / 815°C constant exposure with excursions to 2000°F / 1093°F. Also offers abrasion resistant stability.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc. This is also called a Ladder or Bolthole tape.

Available with and without Pressure Sensitive Adhesive (PSA). Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

Fiberglass Woven Gasket & Thermal Insulating Tape with Vermiculite Coating: *Industrial Grade (Continued)*



1500°F / 815°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Vermiculite Coated Fiberglass Tape Industrial Grade Plain & Bolt-Hole / Drop-Warp / LadderTape™

Part Number	Width in / mm		A / B thickness Plain & Drop Warp No PSA	A / B thickness Plain & Drop Warp with PSA
	T-FG-VC-WOVEN-I-M013-08-X-Z	.5	13	\$ 366.57* NOTE / \$ 85.56
T-FG-VC-WOVEN-I-M019-12-X-Z	.75	19	\$ 62.53 / \$ 164.93	\$ 110.70 / \$ 244.61
T-FG-VC-WOVEN-I-M025-16-X-Z	1.0	25	\$ 66.84 / \$ 87.37	\$ 117.13 / \$ 139.00
T-FG-VC-WOVEN-I-M032-20-X-Z	1.25	32	\$ 73.60 / \$ 94.67	\$ 132.90 / \$ 150.63
T-FG-VC-WOVEN-I-M038-24-X-Z	1.5	38	\$ 75.06 / \$ 96.90	\$ 135.07 / \$ 156.90
T-FG-VC-WOVEN-I-M051-32-X-Z	2.0	51	\$ 81.40 / \$ 104.03	\$ 148.20 / \$ 170.83
T-FG-VC-WOVEN-I-M064-40-X-Z	2.5	64	\$ 101.43 / \$ 124.90	\$ 176.43 / \$ 198.79
T-FG-VC-WOVEN-I-M076-48-X-Z	3.0	76	\$ 108.50 / \$ 126.23	\$ 190.07 / \$ 207.81
T-FG-VC-WOVEN-I-M089-56-X-Z	3.5	89	\$ 114.96 / \$ 136.23	\$ 198.27 / \$ 219.53
T-FG-VC-WOVEN-I-M102-64-X-Z	4.0	102	\$ 122.71 / \$ 146.17	\$ 215.87 / \$ 239.33
T-FG-VC-WOVEN-I-M127-80-X-Z	5.0	127	\$ 145.13 / \$ 164.80	\$ 258.07 / \$ 294.47
T-FG-VC-WOVEN-I-M152-96-X-Z	6.0	152	\$ 150.27 / \$ 185.37	\$ 281.80 / \$ 316.70

- For the "X" value, specify "A" or "B" in part number to correspond to the desired thickness.
 A = 1/16" / .0625" / 1.59mm B = 1/8" / .125" / 3.18mm
- For "Z" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape
 Same price either style.
- Drop Warp not available in 1/2 and 3/4 inch widths.
- * NOTE: 0.5" wide x 1/16" tape roll is 500 feet in length.



Fiberglass Woven Gasket & Thermal Insulating Tape with Vermiculite Coating: Premium Grade / Special Thin
1500°F / 815°C: FlameShield™ 1500 Very High Temperature & Heat Resistant Plain & Bolt-Hole / LadderTape™



Vermiculite coated fibreglass tape is manufactured from texturized fiberglass yarns then coated with Vermiculite, a 100% inorganic dispersion. Certified to meet the requirements of ASTM E 162, ASTM E 662 & SMP 800-C for surface flammability, smoke and toxic gas generation.

Vermiculite coated tape will withstand temperatures up to 1500°F / 815°C constant exposure with excursions to 2000°F / 1093°F. Also offers additional abrasion resistance and stiffness.

Offered in *Plain* and *Drop Warp* (also known as *Bolt-Hole* or *LadderTape™*). Drop Warp tape has lengthwise yarns missing from the center of the tape to allow fasteners to pass through the tape for assembly onto access doors, etc. This is also called a Ladder Tape or Bolt-hole tape.

Available with and without Pressure Sensitive Adhesive (PSA). Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

1500°F / 815°C continuous rating, high insulation value & excellent personnel protection

Very High Temperature & Heat Resistant Fiberglass Woven Plain & Bolt-Hole / Drop-Warp / LadderTape™ Premium Grade / Special Thin 1/32" / .0313" / 0.8mm Thickness				
Part Number	Width in / mm		Price per Roll	
			no PSA	with PSA
T-FG-VC-WOVEN-P-T-M013-08-X	.5	13	\$ 26.43	\$ 36.53
T-FG-VC-WOVEN-P-T-M025-16-X	1.0	25	\$ 35.10	\$ 49.30
T-FG-VC-WOVEN-P-T-M038-24-X	1.5	38	\$ 48.73	\$ 70.83
T-FG-VC-WOVEN-P-T-M051-32-X	2.0	51	\$ 58.63	\$ 85.43
T-FG-VC-WOVEN-P-T-M064-40-X	2.5	64	\$ 70.13	\$ 109.66
T-FG-VC-WOVEN-P-T-M076-48-X	3.0	76	\$ 81.50	\$ 133.83
T-FG-VC-WOVEN-P-T-M089-56-X	3.5	89	\$ 93.90	\$ 152.57
T-FG-VC-WOVEN-P-T-M102-64-X	4.0	102	\$ 106.36	\$ 171.33
T-FG-VC-WOVEN-P-T-M114-72-X	4.5	114	\$ 117.40	\$ 188.96
T-FG-VC-WOVEN-P-T-M127-80-X	5.0	127	\$ 128.53	\$ 206.60
T-FG-VC-WOVEN-P-T-M140-88-X	5.5	140	\$ 139.56	\$ 226.33
T-FG-VC-WOVEN-P-T-M152-96-X	6.0	152	\$ 150.57	\$ 240.70

- This tape is 1/32" / .0313" / 0.8mm thick
- For the "X" value in part number: use "-P" for Plain style tape or "-DW" for Drop Warp style tape.
- Add "-PSA" to the part number for tape with PSA coating.
- All tapes are 100 foot lengths.



Automotive Manifold, Header, Turbo & Exhaust Pipe Heat Insulating Tape & Wrap

1100°F / 593°C to 1500°F / 815°C: PowerTorque™ Tape

SilverGuard™ Fiberglass Woven Tape.

GoldGuard™ Fiberglass Woven Tape with Vermiculite Coating Tape.

BlackMax™ Fiberglass Woven Tape with Black Vermiculite Coating Tape.



Manifold and header wrapping is widely accepted as standard practice for performance auto and racing applications. There are two reasons for this. First, by adding an insulation layer around the exhaust gas pipig, it keeps the temperature of the gas from dropping, which means the density of the gas is kept lower longer, and lower density means easier flow through the exhaust system. Easier flow means more horse power due to reduced back pressure.

Retaining heat in the exhaust flow, resulting in faster exhaust gas flow, also results in higher turbo charger spool speeds, resulting in a gain of horse power.

Second, wrapping exhaust system components also reduces the temperature of other under-hood components and systems, reducing both radiated heat and convective heating of electrical components, intake air, fuel and hydraulic hoses. Reducing under-hood temperature also helps reduce hood paint thermal damage.

PowerTorque™ Very High Temperature & Heat Resistant Manifold, Header, Turbo & Exhaust Pipe Wrapping Tape SilverGuard™ ,GoldGuard™ and BlackMax™			
Part Number	Width in / mm		Price per Rol 25 ft / 50 ft / 100 ft
PowerTorque™ SilverGuard™ Tape			
T-FG-SG-M025-16-X	1.0	25	\$ 6.59 / \$ 12.55 / \$ 23.90
T-FG-SG-M051-32-X	2.0	50	\$ 9.67 / \$ 18.43 / \$ 34.43
PowerTorque™ GoldGuard™ Tape			
T-FG-GG-M025-16-X	1.0	25	\$ 19.67 / \$ 37.81 / \$ 66.84
T-FG-GG-M051-32-X	2.0	50	\$ 25.64 / \$ 46.71 / \$ 81.40
PowerTorque™ BlackMax™ Tape			
T-FG-BM-M025-16-X	1.0	25	\$ 8.99 / \$ 16.97 / \$ 31.93
T-FG-BM-M051-32-X	2.0	50	\$ 16.24 / \$ 31.37 / \$ 59.85

SilverGuard™ tape is Bright White, GoldGuard™ is a Tan/Gold color and BlackMax™ is Black

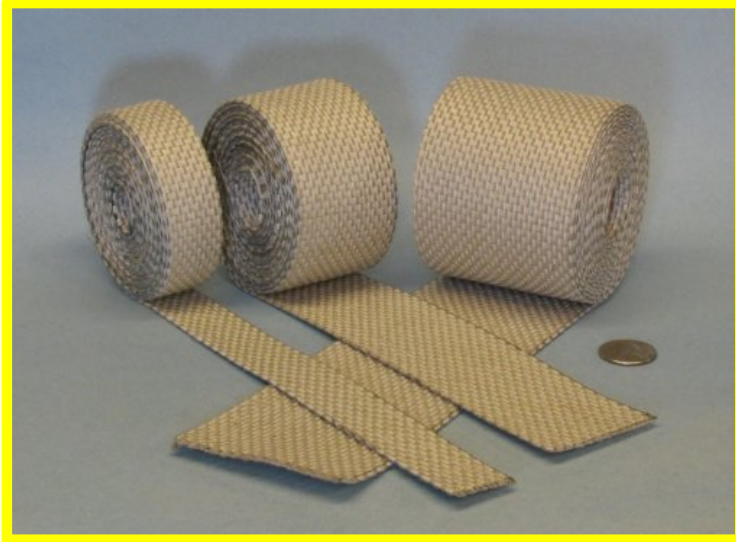
In the part number, replace the "X" value with the length of the tape: i.e.; 25, 50, 100

Stainless Steel Free End Self Locking Clamps: Used to secure tape in place. Makes a neat low profile installation. (standard hand tools can be used to tighten and cut the remaining free end)

- SSFCSL-WM005-XX. .181" width clamp. 6" \$1.21, 8" \$1.39, 14" \$1.59, 20" \$2.11
- SSFCSL-WM008-XX. .311" width clamp. 8" \$1.59, 14" \$2.29, 20" \$3.87



Silica Slit Gasket & Thermal Insulating Tape
1800°F / 982°C: InSilMax™ Extreme High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant



An alternative to asbestos and ceramic based textiles. Highly flexible and minimal shrinkage. High abrasion resistance and tensile strength. Melts above 3000°F / 1648°C. Available with a PSA (pressure sensitive adhesive) to facilitate easy installation (*see note).

Produced from an extremely pure silica base fiber (SiO₂) and can be used at 2000°F / 1093°C continuously with excursions to 3000°F / 1650°C.

Weave is tight, but edge fray is possible with slit tapes. For non fray edges use a woven tape.

1, 2 and 3 inch tapes shown

InSilMax™ Extreme Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant Silica Tapes					
0.090" / 2.3mm Thick Tape					
Part Number	Width inch / mm / dash #			Price per foot / Metre 25 & 50 foot Standard Roll	
T-S-SLIT-M025-16	1"	25	-16	\$ 1.32	\$ 4.33
T-S-SLIT-M032-20	1 1/4"	32	-20	\$ 1.52	\$ 4.98
T-S-SLIT-M038-24	1 1/2"	38	-24	\$ 1.68	\$ 5.51
T-S-SLIT-M051-32	2"	51	-32	\$ 2.04	\$ 6.69
T-S-SLIT-M064-40	2 1/2"	64	-40	\$ 3.08	\$ 10.10
T-S-SLIT-M076-48	3"	76	-48	\$ 3.72	\$ 12.20
T-S-SLIT-M102-64	4"	102	-64	\$ 4.98	\$ 16.33
T-S-SLIT-M127-80	5"	127	-80	\$ 5.80	\$ 19.02
T-S-SLIT-M152-96	6"	152	-96	\$ 6.63	\$ 21.75

Available in standard 25 foot / 7.6 metre or 50 foot / 15.2 metre rolls
For other lengths add +25% to price shown

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.

This Product is Available By-The-Foot / Metre



Fine Weave Silica Slit Gasket & Thermal Insulating Tape With PSA Adhesive

**1800°F / 982°C: InSilMax™ Extreme High Temperature, Heat, Flame,
 Molten Metal & Weld Splatter Resistant**



An alternative to asbestos and ceramic based textiles. Highly flexible and minimal shrinkage. High abrasion resistance and tensile strength. Melts above 3000°F / 1648°C. Acrylic PSA adhesive to facilitate easy installation (*see note).

Produced from an extremely pure silica base fiber (SiO₂) and can be used at 1800°F / 982°C continuously with excursions to 3000°F / 1650°C.

The base fabric is a fine weave, but edge fray is possible with slit tapes. As this tape has an adhesive coating the fray is minimized.

1, 2 and 3 inch tapes shown

InSilMax™ Extreme Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant Fine Weave Silica Tape with Adhesive				
0.030" / .76mm Thick Tape				
Part Number	Width inch / mm / dash #			Price per Roll
T-S-FWADH-SLIT-M025-16	1"	25	-16	\$ 131.25
T-S-FWADH-SLIT-M038-24	1 1/2"	38	-24	\$ 195.00
T-S-FWADH-SLIT-M051-32	2"	51	-32	\$ 247.50
Other widths available - please inquire – priced at \$131.25 per inch-width				

Roll length 150 feet / 45 metres

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.



Silica Folded & Stitched Gasket & Thermal Insulating Tape
1800°F / 982°C: InSilMax™ Extreme High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant



An alternative to asbestos and ceramic based textiles. Highly flexible and minimal shrinkage. High abrasion resistance and tensile strength. Melts above 3000°F / 1648°C. Available with a PSA (pressure sensitive adhesive) to facilitate easy installation (*see note).

Produced from an extremely pure silica base fiber (SiO₂) and can be used at 1800°F / 982°C continuously with excursions to 3000°F / 1650°C.

Folded & Stitched tape is a thicker alternative to Slit Tape. Top roll in photo is one layer slit tape; 2nd roll from top is 2 layer folded and stitched; 3rd roll from top is three layer folded and stitched and bottom roll is 4 layer folded and stitched. All tapes are same length.

InSilMax™ Extreme Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant Folded & Stitched Silica Tape						
Folded & Stitched Silica Tape – 25 or 50 foot roll						
Available in 3 thicknesses: 1/8" / 3.2mm thick • 3/16" / 4.8mm thick • 1/4" / 6.4mm thick						
Width inch / mm / dash #			Part Number	1/8" / 3.2mm Price / Ft / m x value = 2	3/16" / 4.8mm Price / Ft / m x value = 3	1/4" / 6.4mm Price / Ft / m x value = 4
1"	25	-16	T-S-F-M025-16-X	\$3.44 / \$11.28	\$4.68 / \$15.35	\$5.98 / \$19.61
1 1/4"	32	-20	T-S-F-M032-20-X	\$4.12 / \$13.51	\$5.68 / \$18.63	\$7.24 / \$23.74
1 1/2"	38	-24	T-S-F-M038-24-X	\$4.76 / \$15.61	\$6.56 / \$21.52	\$8.52 / \$27.95
2"	51	-32	T-S-F-M051-32-X	\$6.36 / \$20.86	\$8.96 / \$29.39	\$15.64 / \$51.30
2 1/2"	64	-40	T-S-F-M064-40-X	\$7.32 / \$24.01	\$9.04 / \$29.65	\$14.72 / \$48.28
3"	76	-48	T-S-F-M076-48-X	\$8.56 / \$28.08	\$12.36 / \$40.54	\$16.12 / \$52.87
4"	102	-64	T-S-F-M102-64-X	\$11.04 / \$36.21	\$16.12 / \$52.87	\$23.60 / \$77.41
5"	127	-80	T-S-F-M127-80-X	\$13.64 / \$44.74	\$19.97 / \$65.50	\$26.32 / \$86.33
6"	152	-96	T-S-F-M152-96-X	\$16.12 / \$52.87	\$23.76 / \$77.93	\$31.32 / \$102.73
8"	203	-102	T-S-F-M203-102-X	\$21.88 / \$71.77	\$33.20 / \$108.90	\$43.80 / \$143.66

For other than standard lengths, add 20% to the price shown

**For the "X" value in the part number: specify "2" for 1/8" thick tape
 "3" for 3/16" thick tape
 "4" for 1/4" thick tape**

Add "-P" to the part number to order tape with PSA on one side.

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will "smoke-off" at elevated temperatures.



Silica Woven Gasket & Thermal Insulating Tape

1800°F / 982°C: InSilMax™ Extreme High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant



Available in Plain and Drop Warp (also known as Ladder Tape™ or Bolt-Hole Tape).

An alternative to asbestos and ceramic based textiles. Highly flexible and minimal shrinkage. High abrasion resistance and tensile strength. Melts above 3000°F / 1648°C. Available with a PSA (pressure sensitive adhesive) to facilitate easy installation (*see note).

Woven tape has the benefit over slit tape of edges that will not fray unless cut.

For a tape with less shrinkage and deterioration at maximum temperature, use InSilMax XT tape, part number IXTSWT shown on the next page in the catalogue.

Common applications for this tape are as a gasket and seal material on high temperature access doors, inspection and clean-out doors and panels for kilns, ovens, furnaces, ventilation systems, etc.

InSilMax™ Extreme Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant Woven Silica Tapes						
Plain & Drop Warp Woven Silica Tape – 100 foot roll						
Available in 3 thicknesses: 1/16" / 2mm thick • 1/8" / 3.2mm thick • 1/4" / 6.4mm thick						
Width inch / mm / dash #			Part Number	1/16" / 2mm Price per foot no PSA / with PSA	1/8" / 3.2mm Price per foot no PSA / with PSA	1/4" / 6.4mm Price per foot no PSA / with PSA
1"	25	-16	T-S-WOVEN-M025-16-X-Z	\$ 1.77 / \$ 2.15	\$ 4.02 / \$ 4.55	\$ 5.04 / \$ 5.56
1 1/2"	38	-24	T-S-WOVEN-M038-24-X-Z	\$ 2.47 / \$ 3.03	\$ 5.64 / \$ 6.42	\$ 7.36 / \$ 8.14
2"	51	-32	T-S-WOVEN-M051-32-X-Z	\$ 3.21 / \$ 3.91	\$ 7.41 / \$ 8.44	\$ 9.68 / \$ 10.66
3"	76	-48	T-S-WOVEN-M076-48-X-Z	\$ 4.72 / \$ 5.98	\$ 11.09 / \$ 12.77	\$ 14.63 / \$ 16.32
4"	102	-64	T-S-WOVEN-M102-64-X-Z	\$ 6.05 / \$ 7.62	\$ 14.92 / \$ 17.07	\$ 19.52 / \$ 21.68

Same Price Plain or Drop Warp (known as LadderTape™ or Bolt-Hole Tape)

This Product is Available in Full Rolls Only – Please enquire for exceptions

Some tapes available in 50 foot lengths – please enquire. Add 25% to above pricing when ordering in 50 foot lengths. Some tapes available in by-the-foot cut lengths – please enquire. Add 50% to above pricing when ordering by-the-foot cut lengths.

- For the "X" value, specify: "A1" for 1/16" thick tape
"B2" for 1/8" thick tape
"C4" for 1/4" thick tape
- For "Z" value in part number: use "-P" for Plain style tape
or "-DW" for Drop Warp style tape.

Add "-PSA" to the part number to order tape with PSA on one side.

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.

Silica Woven Gasket & Thermal Insulating Tape – Extreme High Temperature Heat Flame Molten Metal & Weld Splatter Resistant 1900°F / 1037°C: InSilMax™ XT



Available in Plain and Drop Warp (also known as Ladder Tape™ or Bolt-Hole Tape).

An alternative to asbestos and ceramic based textiles. Highly flexible and virtually no shrinkage. High abrasion resistance and tensile strength. Melts above 3000°F / 1648°C. Available with a PSA (pressure sensitive adhesive) to facilitate easy installation (*see note).

Woven tape has the benefit of edges that will not fray unless cut.

Produced from an extremely pure silica base yarn instead of leached yarn; providing extended temperature range and durability.

Common applications for this tape are as a gasket and seal material on high temperature access doors, inspection and clean-out doors and panels for kilns, ovens, furnaces, ventilation systems, etc.

InSilMax™ XT Extreme Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant Woven Silica Tapes						
Plain & Drop Warp Woven Silica Tape – 100 foot roll						
Available in 3 thicknesses: 1/16" / 2mm thick • 1/8" / 3.2mm thick • 1/4" / 6.4mm thick						
Width inch / mm / dash #			Part Number	1/16" / 2mm Price per foot no PSA / with PSA	1/8" / 3.2mm Price per foot no PSA / with PSA	1/4" / 6.4mm Price per foot no PSA / with PSA
1"	25	-16	T-S-XT-W-M025-16-X-Z	\$ 2.03 / \$ 2.15	\$ 4.62 / \$ 5.24	\$ 5.80 / \$ 6.40
1 1/2"	38	-24	T-S-XT-W-M038-24-X-Z	\$ 2.83 / \$ 3.48	\$ 6.48 / \$ 7.38	\$ 8.46 / \$ 9.36
2"	51	-32	T-S-XT-W-M051-32-X-Z	\$ 3.69 / \$ 4.49	\$ 8.58 / \$ 9.69	\$ 11.14 / \$ 12.26
3"	76	-48	T-S-XT-W-M076-48-X-Z	\$ 5.42 / \$ 6.88	\$ 12.75 / \$ 14.69	\$ 16.82 / \$ 18.76
4"	102	-64	T-S-XT-W-M102-64-X-Z	\$ 6.96 / \$ 8.76	\$ 17.16 / \$ 19.63	\$ 22.39 / \$ 24.93

Same Price Plain or Drop Warp (known as LadderTape™ or Bolt-Hole Tape)

This Product is Available in Full Rolls Only – Please enquire for exceptions

Some tapes available in 50 foot lengths – please enquire. Add 25% to above pricing when ordering in 50 foot lengths. Some tapes available in by-the-foot cut lengths – please enquire. Add 50% to above pricing when ordering by-the-foot cut lengths.

- For the "X" value, specify: "A1" for 1/16" thick tape
"B2" for 1/8" thick tape
"C4" for 1/4" thick tape
- For "Z" value in part number: use "-P" for Plain style tape
or "-DW" for Drop Warp style tape.

Add "-PSA" to the part number to order tape with PSA on one side.

* Note: The PSA will burn off at temperatures above 400°F and should be used to facilitate installation. Material with PSA should not be used in confined areas at elevated temperatures without ventilation until all of the PSA has vaporized.

Ceramic Fiber Gasket & Thermal Insulating Woven Tape

2000°F / 1093°C: CerMax™ Extreme High Temperature, Heat, Flame, Molten Metal & Weld Splatter Resistant



Available in Plain and Drop Warp style (also known as Ladder Tape™ or Bolt-Hole Tape).

Highly flexible and virtually no shrinkage. Melts above 3000°F / 1648°C.

Woven tape has the benefit of edges that will not fray unless cut.

Ceramic fiber tapes do not have the mechanical tensile strength of tapes made from other materials due to the short fiber lengths. To enhance the mechanical durability and handleability, these tapes are made with either Fiberglass or Inconel wire reinforcement.

Common applications for this tape are as a gasket and seal material on high temperature access doors, inspection and clean-out doors and panels for kilns, ovens, furnaces, ventilation systems, etc.

CerMax™ Extreme Temperature +Plus, Heat, Flame, Molten Metal & Weld Splatter Resistant Ceramic Fiber Tapes - 100 foot roll length					
Width inch / mm		Part Number	1/16" / 2mm thick Price per roll Fiberglass / Wire insert	1/8" / 3.2mm thick Price per roll Fiberglass / Wire insert	1/4" / 6.4mm thick Price per roll Fiberglass insert
1/2	13	T-C-WOVEN-0.500-M013-X-Y	\$ 28.75 / NA	\$ 35.65 / NA	NA
1"	25	T-C-WOVEN-1.000-M025-X-Y	\$ 43.70 / \$ 51.75	\$ 59.80 / \$ 66.70	NA
1 1/2"	38	T-C-WOVEN-1.500-M038-X-Y	NA / NA	\$ 88.55 / NA	NA
2"	51	T-C-WOVEN-2.000-M051-X-Y	\$ 78.20 / \$ 93.15	\$ 106.95 ** / \$ 124.20	\$ 210.00
2 1/2"	64	T-C-WOVEN-2.500-M064-X-Y	NA	NA / \$ 154.00	NA
3"	76	T-C-WOVEN-3.000-M076-X-Y	\$ 112.70 / \$ 117.30	\$ 154.10 ** / \$ 170.20	NA
4"	102	T-C-WOVEN-4.000-M102-X-Y	\$ 141.45 / \$ 149.50	\$ 193.20 ** / \$ 218.50	NA
6"	152	T-C-WOVEN-6.000-M152-X-Y	NA / NA	NA / \$331.20	NA

** Note: 1/8 thick; 2", 3" and 4" wide, fiberglass reinforced, is available in Plain or Drop Warp (also known as LadderTape™ or Bolt-Hole Tape). Same price either version.

Some tapes available in 50 foot lengths – please enquire. Add 25% to above pricing when ordering in 50 foot lengths. Some tapes available in by-the-foot cut lengths – please enquire.

- For the "X" value, specify: "A1" for 1/16" thick tape or "B2" for 1/8" thick tape
- For the "Y" value, specify: "F" for Fiberglass reinforced or "W" for wire reinforced
- Add "-DW" to specify Drop Warp style tape (Only in 2", 3" and 4" widths in 1/8" thick).

To aid in mounting this tape onto surfaces, FlangeStik™ pressure sensitive adhesive spray can be used to place the tape in situ temporarily. Permanent fasteners or grab strips should be installed prior to heating of the area sprayed above 200°F. The adhesive will “smoke-off” at elevated temperatures.

Note regarding the Inconel wire re-enforced tapes: Inconel alloys are oxidation- and corrosion-resistant materials well suited for service in extreme environments subjected to high pressure and kinetic energy. When heated, Inconel forms a thick and stable passivating oxide layer protecting the surface from further attack. Inconel retains strength over a wide temperature range, attractive for high-temperature applications where aluminum and steel would succumb to creep. **Caution:** Tapes with Inconel wire insert are electrically conductive.

CerMax Tape Technical Data

CerMax is alumino-silicate based refractory fiber. White and odorless. Available with either a fiberglass or wire re-inforcement. Some organic binder is present, and will smoke-off at elevated temperatures. Once the organics have smoked-off, the product will turn white again. If smoke free operation is required, then it should be heat treated before use.

Chemical & Physical Data: Total Al_2O_3 and $SiO_2 > 97\%$ (Al_2O_3 : 47%); $Fe_2O_3 < 1.1\%$. Weight Loss (1800°F) 8-10%; Refractory Fiber content $> 85\%$. Fiber diameter: 2 - 4 microns; Fiber length: 100 - 250 mm. Fiber shrinkage (1800°F, 3 hr) $< 3.5\%$

Thermal Conductivity: 570°F: 0.84 BTU/ft²°F/in (0.12 W/m °K). 1100°F: 0.91 BTU/ft²°F/in (0.13 W/m °K). 1800°F: 1.19 BTU/ft²°F/in (0.17 W/m °K).



Flexible Graphite Tape (Corrugated / Crinkled)
950°F / 510°C to 5400°F / 2982°C GraphTek™ Extreme High Temperature,
Heat, Flame, Molten Metal & Weld Splatter Resistant



Flexible Graphite Tape is 99% Carbon, providing extreme heat protection, thermal dissipation, lubrication but does not add electrical conductivity. Made from mineral (flake) graphite it is non metallic, but thermally and electrically conductive just like metals.

Highly flexible and virtually no shrinkage. Melts above 6600°F / 3650°C.

This tape is corrugated / crinkled to aid in handling.

Service temperature range depends on surrounding conditions. Useable to 950°F / 510°C in an oxidizing atmosphere (standard air). Useable to 1500°F / 815°C in mild oxidizing or steam atmosphere and useable to 5400°F / 2982°C in non-oxidizing conditions.

Common applications for this tape are as an extreme temperature wrap for protection against flame and molten metal contact. Also used as gasket and seal material.

GraphTek™ Extreme Temperature +Plus, Heat, Flame, Molten Metal & Weld Splatter Resistant Graphite Tapes						
50 foot roll - .050" thick						
Width inch / mm / dash #			Part Number	Plain Tape	Plain Tape with PSA	Plain Tape with inhibitor
1/4	6	-04	T-GR-M006-04-X	\$ 5.86	\$ 9.74	NA
1/2"	13	-08	T-GR-M013-08-X	\$ 7.85	\$ 13.53	\$ 8.63
3/4"	19	-12	T-GR-M019-12-X	\$ 10.73	\$ 18.94	\$ 11.80
1"	25	-16	T-GR-M025-16-X	\$ 13.61	\$ 23.80	\$ 14.97
1 1/2"	39	-24	T-GR-M039-24-X	NA	\$ 29.84	NA

- For the "X" value, specify:
 "P" for plain tape.
 "PSA" for tape with PSA
 "IN" for tape with inhibitor

Heat Reflective Aluminum Foil Coated Fiberglass Tape:
Plain or with Pressure Sensitive Adhesive (PSA)
1000°F / 537°C: Peak with 650°F / 343°C



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Continuous operation at 650°F / 343°C.
- This tape is the perfect protection for cables and hoses when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern.
- Can be supplied with self-adhesive (includes a backing paper).

**Heat Reflective Aluminum Foil Coated Fiberglass Tape (Continued):
Plain or with Pressure Sensitive Adhesive (PSA)**

1000°F / 537°C: Peak with 650°F / 343°C

Constructed from a high-temperature base fabric which is then coated with multiple layers of highly-reflective polished aluminum. Designed for long term continuous operation at 650°F / 343°C, this tape will withstand short duration exposure up to 1200°F / 650°C. The aluminum coating melts at 1220°F / 660°C, however it does take some time for the aluminum to absorb enough heat to melt – thereby it can withstand short exposure to the higher temperatures.

The tape is fabricated by slitting from a roll fabric.

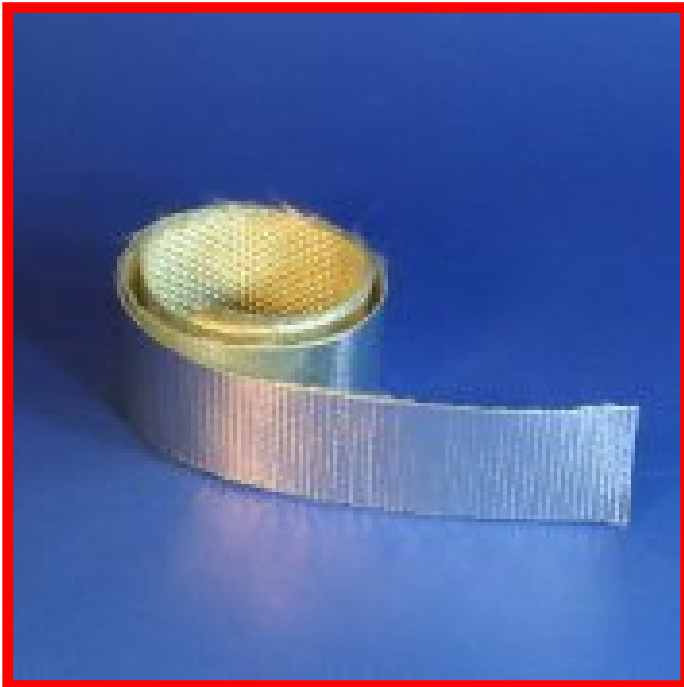
The same base fabric can be used for constructing a wide variety of protective sleeves and covers for EAF (Electric Arc Furnace) Cable Covers, Festoon covers, robotic welding machine covers, etc.

Aluminized (Aluminum Foil Coated) Fiberglass Radiant Heat Reflective Tape		
Part Number	Width inch / mm	Price per Foot 21oz/yd² / 35oz/yd²
T-FG-AL-ST-M019-12-X	0.75 / 19	\$ 2.87 / \$ 3.44
T-FG-AL-ST-M025-16-X	1.00 / 25	\$ 3.55 / \$ 4.26
T-FG-AL-ST-M032-20-X	1.25 / 32	\$ 4.19 / \$ 5.03
T-FG-AL-ST-M038-24-X	1.50 / 38	\$ 4.87 / \$ 5.84
T-FG-AL-ST-M044-28-X	1.75 / 44	\$ 5.55 / \$ 6.67
T-FG-AL-ST-M051-32-X	2.00 / 51	\$ 6.21 / \$ 7.45
T-FG-AL-ST-M064-40-X	2.50 / 64	\$ 7.59 / \$ 9.11
T-FG-AL-ST-M076-48-X	3.00 / 76	\$ 8.91 / \$ 10.70
T-FG-AL-ST-M089-56-X	3.50 / 89	\$ 10.27 / \$ 12.33
T-FG-AL-ST-M102-64-X	4.00 / 102	\$ 11.58 / \$ 13.90
This tape can be fabricated in any width – please enquire		

For the X value: specify "21" for construction from 21 oz/yd² fabric; specify "35" for construction from 35 oz/yd² fabric

Stainless Steel Foil Coated Fiberglass Tape

1000°F / 537°C: High Temperature & Radiant Heat Reflective – Non Adhesive or with Pressure Sensitive Adhesive (PSA)



- Protection from intense radiant heat.
- Reflects more than 95% of the radiant heat that contacts its surface.
- Continuous operation at 650°F / 343°C.
- This tape is the perfect protection for cables and hoses when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern.
- Can be supplied with self-adhesive (includes a backing paper).

Constructed from a high-temperature base fabric which is then coated with a layer of stainless steel foil. Designed for long term continuous operation at 650°F / 343°C, this tape will withstand short duration exposure up to 1200°F / 650°C. The aluminum coating melts at 1220°F / 660°C, however it does take some time for the aluminum to absorb enough heat to melt – thereby it can withstand short exposure to the higher temperatures.

The tape is slit from a roll fabric.

The same base fabric can be used for constructing a wide variety of protective sleeves and covers for wire & cable covers, Festoon covers, robotic welding machine covers, etc.

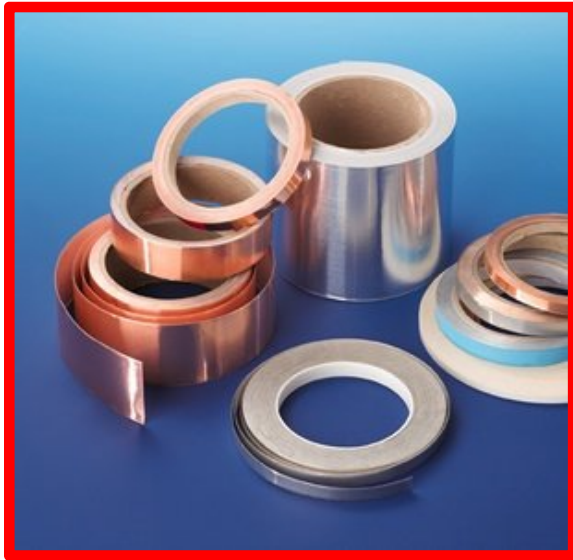
Stainless Steel Coated Fiberglass Radiant Heat Reflective Tape		
Part Number	Width inch / mm	Price / Foot
T-FG-SS-SLIT-M019-12-X	0.75 / 19	\$ 3.44
T-FG-SS-SLIT-M025-16-X	1.00 / 25	\$ 4.26
T-FG-SS-SLIT-M032-20-X	1.25 / 32	\$ 5.03
T-FG-SS-SLIT-M038-24-X	1.50 / 38	\$ 5.84
T-FG-SS-SLIT-M044-28-X	1.75 / 44	\$ 6.67
T-FG-SS-SLIT-M051-32-X	2.00 / 51	\$ 7.45
T-FG-SS-SLIT-M064-40-X	2.50 / 64	\$ 9.11
T-FG-SS-SLIT-M076-48-X	3.00 / 76	\$ 10.70
T-FG-SS-SLIT-M089-56-X	3.50 / 89	\$ 12.33
T-FG-SS-SLIT-M102-64-X	4.00 / 102	\$ 13.90

This tape can be fabricated in any width – please enquire

- For the “X” value, specify: “P” for plain tape with no PSA, “PSA” for tape with PSA (call for pricing)

Aluminum Foil Tape with Acrylic Adhesive

1000°F / 537°C: High Temperature & Radiant Heat Reflective: Meets MIL-T-23397B Type II



- Aluminum tape is an excellent reflector of radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Makes an excellent EMI/RFI shielding tape.
- Adheres and conforms to irregular surfaces.
- Provides a waterproofing/vapour and air barrier. Non-permeable.
- Heavy Duty .003" thickness foil with .002" thickness of adhesive.
- Roll length is 60 yards / 180 feet.
- Used as a masking tape for plating and painting applications.
- Aluminum foil melts at 1162°F / 627°C.
- Meets MIL-T-23397B, Type II

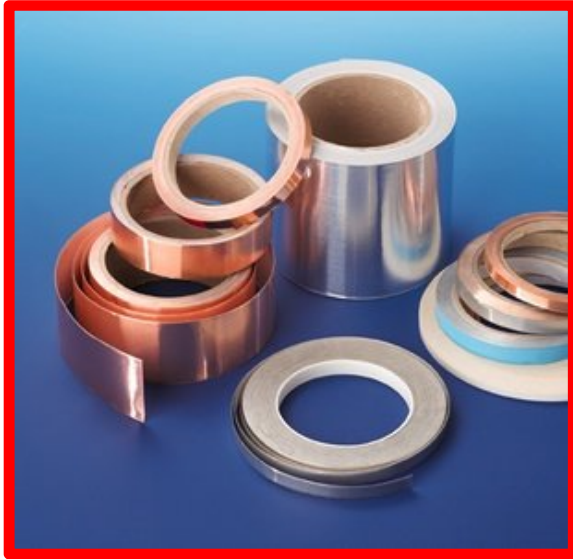
FlameShield™ High Temperature Aluminum Foil Tape with Acrylic Adhesive. MIL-T-23397B Type II			
Part Number	Tape Width		Price per Roll
	inch	mm	
T-AL-ACAD-M013-08	0.50	13	\$ 26.58
T-AL-ACAD-M019-12	0.75	19	\$ 39.85
T-AL-ACAD-M025-16	1.00	25	\$ 53.12
T-AL-ACAD-M051-32	2.00	51	\$ 106.25

The acrylic adhesive will smoke off at temperatures above 325°F/162°C

This tape is available in any width – please call for other sizes

Lead Foil Tape with Natural Rubber Adhesive

572°F / 300°C: High Temperature & Heat Resistant



- Makes an excellent EMI/RFI shielding tape.
- Adheres and conforms to irregular surfaces.
- Provides a waterproofing/vapour and air barrier. Non-permeable.
- Heavy Duty .004" thickness foil with .0023" thickness of adhesive.
- Roll length is 36 yards / 108 feet.

FlameShield™ High Temperature Lead Foil Tape with Natural Rubber Adhesive			
Part Number	Tape Width		Price per Roll
	inch	mm	
T-LD-NRAD-M013-08	0.50	13	\$ 118.03
T-LD-NRAD-M019-12	0.75	19	\$ 149.53
T-LD-NRAD-M025-16	1.00	25	\$ 186.90
T-LD-NRAD-M051-32	2.00	51	\$ 373.80

The rubber adhesive will smoke off at temperatures above 225°F/107°C

This tape is available in any width – please call for other sizes

GoldLook™ - Colored Aluminized PET Film With Acrylic Adhesive
572°F / 300°C: High Temperature & Heat Resistant



- Fiberglass Scrim base support fabric provides dimensional stability.
- Designed as a dress-up tape for automotive applications.
- Adheres and conforms to irregular surfaces.
- Provides a waterproofing/vapour and air barrier. Non-permeable.
- .006" total thickness.
- Roll length is 50 yards / 150 feet

FlameShield™ Gold Look PET Film Tape with Acrylic Adhesive			
Part Number	Tape Width inch / mm		Price per Roll
T-FG-CAL-M013-08	0.50	13	\$ 118.03
T-FG-CAL-M019-12	0.75	19	\$ 149.53
T-FG-CAL-M025-16	1.00	25	\$ 186.90
T-FG-CAL-M051-32	2.00	51	\$ 373.80

This tape is available in any width – please call for other sizes

Aluminum Foil Coated Heat Reflecting Fiberglass Tape; with adhesive 1000°F / 537°C: FlameShield™ High Temperature & Radiant Heat Reflective



- Protection from intense radiant heat. Reflects more than 95% of the radiant heat that contacts its surface.
- Base fabric rated for continuous operation at 1000°F / 537°C.
- This tape has a high temperature adhesive across its entire width, allowing the tape to be wrapped and formed into a sleeve around wires, cables or hoses. Can also be applied to other objects and shapes and used flat.
- Provides protection for cables and hoses when radiant heat from infrared sources such as super-hot metal slabs, proximity to liquid metal, open flame/plasma or engine exhaust manifolds is a concern.
- Thickness of .025".

This high temperature and radiant heat reflective tape is constructed from a high-temperature fine woven fiberglass fabric substrate, which is then coated with highly-reflective polished aluminum. The base fabric is designed for long term continuous operation at 1000°F / 537°C, this sleeve will withstand short duration exposure up to 1200°F / 650°C. The non aluminum side of the fabric is coated with an adhesive.

Added protection can be achieved by layering with other sleeve or tape materials underneath the reflective layer.

FlameShield™ Aluminum Foil Coated Fiberglass Radiant Heat Reflective Tape with Pressure Sensitive Adhesive			
Part Number	Width inch / mm / dash	Spool Length, feet Bulk / Small	Price per Foot Bulk Spool / Small Spool
T-FG-AL-STA-M025-16-X	1.00 / 25 / -16	200 / 100	\$ 2.00 / \$ 2.17
T-FG-AL-STA-M038-24-X	1.50 / 38 / -24	200 / 100	\$ 3.10 / \$ 3.26
T-FG-AL-STA-M051-32-X	2.00 / 51 / -32	200 / 100	\$ 3.82 / \$ 3.97
T-FG-AL-STA-M076-48-X	3.00 / 76 / -48	200 / 100	\$ 5.72 / \$ 5.98
T-FG-AL-STA-M102-64-X	4.00 / 102 / -64	200 / 100	\$ 7.57 / \$ 7.74
T-FG-AL-STA-M127-80-X	5.00 / 127 / -80	200 / 100	\$ 9.42 / \$ 9.57
T-FG-AL-STA-M152-96-X	6.00 / 152 / -96	100 / 50	\$ 11.33 / \$ 11.67
T-FG-AL-STA-M178-112-X	6.875 / 175 / -103	100 / 50	\$ 13.20 / \$ 13.53

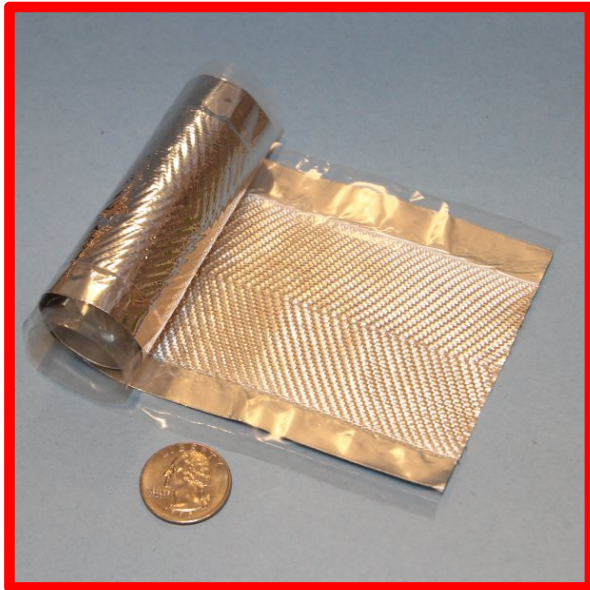
For the "X" value: use "B" for Bulk Spool size, use "S" for Small Spool size

This Product is Available in Spool Length Only

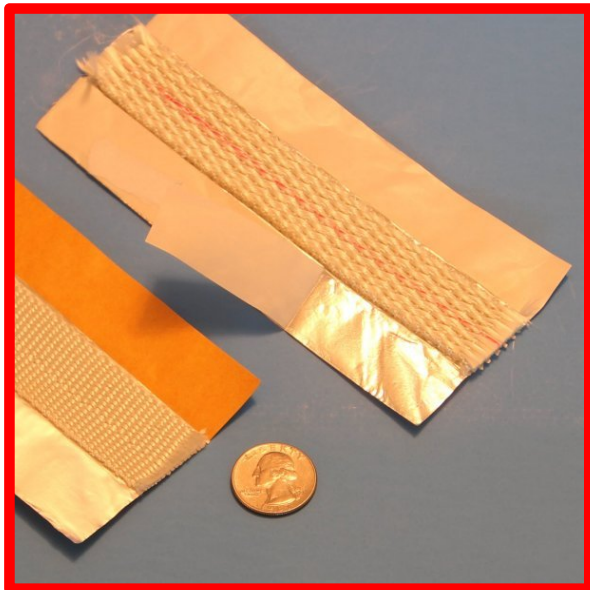


Weld Backing Tape

1000°F / 537°C: FlameShield™ Easily provides gas tight weld backing
purge area and bead consistency



- Typically for welding thin wall stainless steel from one side. Attaches to the backside of the weld area and supports the weld pool, keeps the argon gas surrounding the weld pool.
- Eliminates the need to back-purge.
- Provides a consistent high quality under bead profile.
- The most popular tape is 3" wide with a 1" wide woven DeltaGlass tape strip in the middle.
- Supports single pass welding at currents up to 240 amps without change to the chemistry or metallurgy of the weld.
- Available in Light Duty (80 amp), Medium Duty (160 amp) and Heavy Duty (240 amp) ratings.



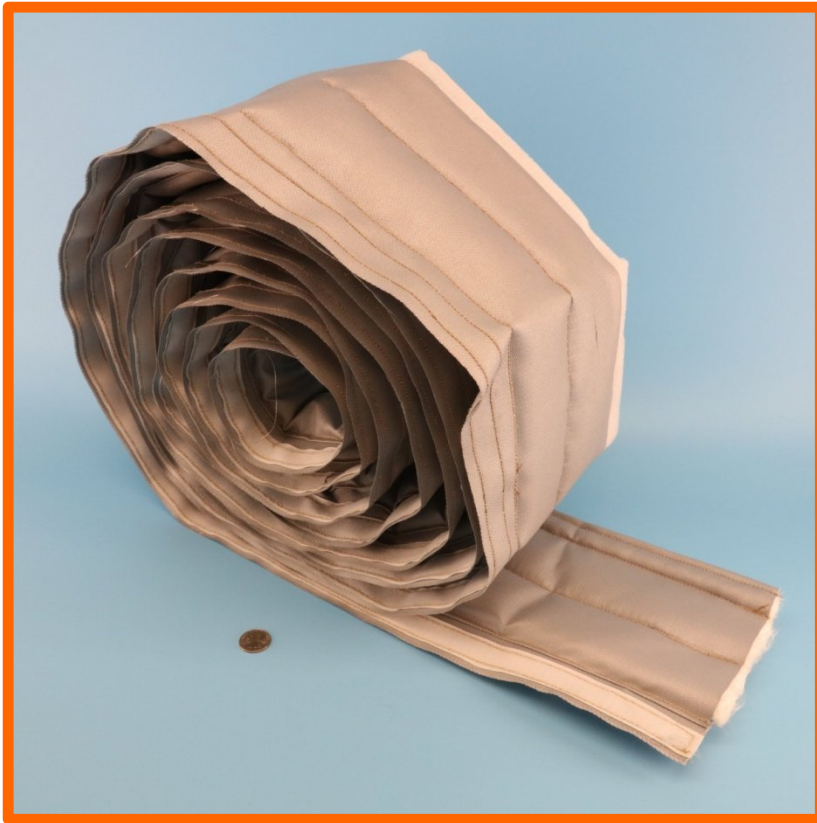
FlameShield™ Weld Backing Tape

Part Number	Recommended Amp Max	Center Insulation Thickness	Tape Width	Tape Length, feet	Price
T-FG-AL-WELD-80	80	1/32	3.0"	40	\$ 182.75
T-FG-AL-WELD-160	160	1/16	3.0"	40	\$ 197.57
T-FG-AL-WELD-240	240	1/8	3.0"	40	\$ 217.48

Insulated Wrap Tape - For Pipe / Hose / Cable Protection & Thermal Insulation - High Temperature

500°F / 260°C: InsulSave™ Easy to use pipe wrap for steam and process piping/hoses – hot or cold protection and energy savings.

Useable from -67°F (-55°C) to +500°F (260°C)



- Typically used to protect short indoor lengths of hot or cold piping and hoses. Excellent for steam pipes.
- Provides personnel protection and energy savings.
- Easy hook and loop closure works in either covering mode: longitudinal or spiral.
- Can be used longitudinally or spirally.
- “Lined” version has a PTFE coated fiberglass support fabric on the inside, protecting the insulation layer. Prevents the insulation fibers from damage.
- Available with 1/4”, 1/2” or 3/4” thick insulation layer.
- Excellent for covering pipes with heater tapes installed.
- Excellent for labs as one width of wrap can insulate a variety of pipe or tube sizes when used in spiral mode.
- Can be used on large size pipes when spiral wrapped.
- Insulation layer meets MIL-I-24244. Outer silicone coated fabric meets UL214 and NFPA -701 and is available meeting MIL-I-24244 and NRC 1.36.

This photo shows the wrap with the liner installed



The wrap may be used longitudinally, or spiral wrapped. In these photos, the wrap has no liner installed

Insulated Wrap Tape - For Pipe / Hose / Cable Protection & (Continued)

Thermal Insulation - High Temperature

500°F / 260°C: InsulSave™ Easy to use pipe wrap for steam and process piping/hoses – hot or cold protection and energy savings.

Useable from -67°F (-55°C) to +500°F (260°C)



InsulSave™ Insulated Pipe Wrap Tape - Roll Length 20 feet with Nylon hook and loop closure. Nomex hook & loop add \$375.00. Stainless Steel hook and loop add \$720.00.				
Part Number	Pipe Size OD when used lengthwise	1/4" Insulation no liner / liner "X" = 4	1/2" insulation no liner / liner "X" = 8	3/4" insulation no liner / liner "X" = 12
FAB-T-FG-INSAVE-25-X-Y	¼" / 0.54"	\$ 176.12 / N/A	\$ 212.43 / N/A	N/A
FAB-T-FG-INSAVE-50-X-Y	½" / 0.84"	\$ 200.34 / \$ 262.92	\$ 232.77 / \$ 325.64	\$ 323.21 / \$ 506.31
FAB-T-FG-INSAVE-75-X-Y	¾" / 1"	\$ 215.67 / \$ 292.85	\$ 251.68 / \$ 351.14	\$ 343.56 / \$ 537.67
FAB-T-FG-INSAVE-100-X-Y	1" / 1.31"	\$ 245.63 / \$ 336.76	\$ 280.13 / \$ 397.43	\$ 392.45 / \$ 614.47
FAB-T-FG-INSAVE-150-X-Y	1 ½" / 1.9"	\$ 286.21 / \$ 396.83	\$ 319.24 / \$ 452.63	\$ 441.04 / \$ 674.58
FAB-T-FG-INSAVE-200-X-Y	2" / 2.375"	\$ 323.47 / \$ 444.81	\$ 361.07 / \$ 517.28	\$ 490.33 / \$ 780.43
FAB-T-FG-INSAVE-250-X-Y	2 ½" / 2.87"	\$ 354.75 / \$ 511.17	\$ 400.51 / \$ 573.58	\$ 531.47 / \$ 836.81
FAB-T-FG-INSAVE-300-X-Y	3" / 3.5"	\$ 411.07 / \$ 574.33	\$ 454.53 / \$ 654.73	\$ 597.58 / \$ 900.27
FAB-T-FG-INSAVE-350-X-Y	3 ½" / 4"	\$ 432.32 / \$ 632.66	\$ 479.63 / \$ 688.54	\$ 640.74 / \$ 1054.82
FAB-T-FG-INSAVE-400-X-Y	4" / 4.5"	\$ 481.47 / \$ 699.54	\$ 543.29 / \$ 771.28	\$ 703.88 / \$ 1130.66

This product will reduce the surface temperature of the wrap to a level which depends on the temperature of the inner pipe or hose and the thickness of the insulation layer. For thinner insulation layers, the surface temperature will be higher than for thicker layers. The standard nylon hook and loop closure can be used for surface temperatures up to 225°F continuous (300°F for 1 hour – melts at 450°F). For higher temperatures a nomex hook and loop closure can be used which can be used up to 350°F continuous. For temperatures between 350°F and 500°F a stainless steel hook and loop is available or the wrap can be used without hook and loop closure and instead use our free-end stainless steel cable ties to secure it. To approximately determine the surface temperature please see the next page in the catalog.

This is a fabricated item: please allow 5 days for production

For the "X" value, use:

"4" for 1/4" insulation; "8" for 1/2" insulation; "12" for 3/4" insulation

For the "Y" value, use: "NL" for No Liner; "WL" for With Liner

Insulated Wrap Tape Thermal Profile Information (Continued)

500°F / 260°C: InsulSave™ Easy to use pipe wrap for steam and process piping/hoses – hot or cold protection and energy savings.

Useable from -67°F (-55°C) to +500°F (260°C)

Determining if the wrap tape can be used to protect personnel from hot pipe burns

Under OSHA requirements, there is no specific temperature that a pipe or hose or other hot item must be at or below to consider it safe for contact. The OSHA regulations state that steam and hot water pipes shall be covered with insulation or be guarded.

It has generally been accepted by workplace health and safety professionals that metallic items that are above 140°F / 60°C should be protected in a manner so that accidental contact will not produce a burn. Therefore, a target temperature of 140°F / 60°C and below is desirable for metallic objects. Therefore one can also think that any insulation system on a hot pipe or hose should therefore also have a maximum surface temperature of 140°F / 60°C.

There is a standard, UL2200, which does provide some specific temperature numbers for use with engine driven generators, and of interest they differentiate metallic from non-metallic items. It is important to remember that metals conduct heat, and most thermal protection systems (insulation, fabrics, tapes, etc.), do not. This means that the insulation system surface can be “hotter” than a metal surface and still be “touch safe”.

So the maximum temperature that the surface of an insulation system can be at should be below 203°F / 95°C for accidental or casual brush-by contact.

Location	Composition of surface ^a	
	Metal	Nonmetallic
Handles or knobs that are grasped for holding	50• C (122• F)	60• C (140• F)
Handles or knobs that are contacted and do not involve holding; and other surfaces subject to contact and user maintenance	60• C (140• F)	85• C (185• F)
Surfaces subject to casual contact ^a	70• C (158• F)	95• C (203• F)

^a A handle, knob, or similar device, made of a material other than metal that is plated or clad with metal having a thickness of 0.005 inch (0.127 mm) or less is judged as a nonmetallic part.

^b See the Exception to 38.3.

UL2200 temperature limits

The information on the next page provides more information to help determine what thickness of insulation may result in a pipe wrap that will provide the desired temperature drop from the surface of the pipe to the surface of the pipe wrap.

It can be seen that the ½” thick insulation can provide, for example, a suitable drop for pipes operating up to 500°F and that the standard nylon hook and loop is suitable at the surface temperature of 203°F.

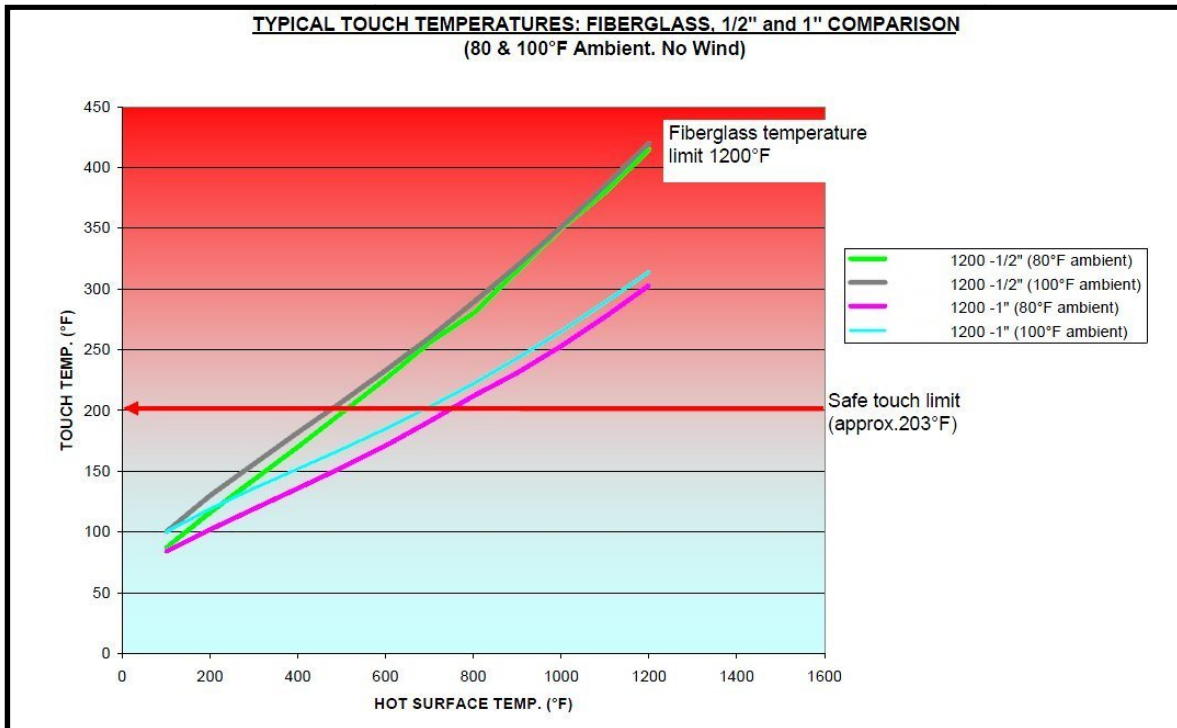
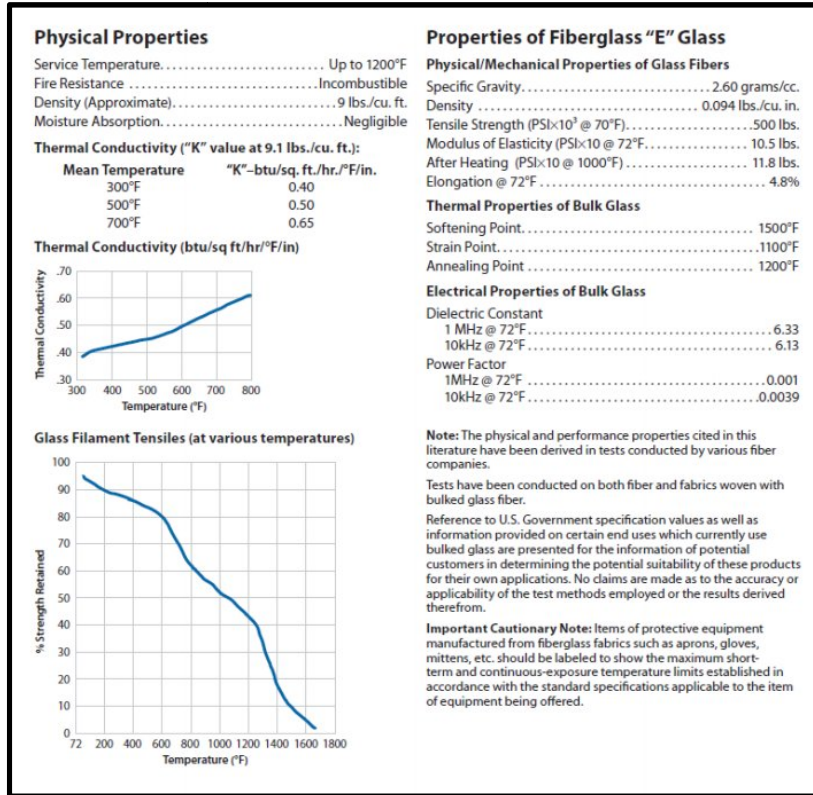
Thinner ¼” insulation would provide less of a temperature differential while the ¾ “ insulation would provide more differential. This information should only be used as a guideline and every installation will be different. The information presented should help you to determine if you are on the correct path to determining the best solution to meet your needs.

Insulated Wrap Tape Thermal Profile Information (Continued)

500°F / 260°C: InsuSave™ Easy to use pipe wrap for steam and process piping/hoses – hot or cold protection and energy savings.

Useable from -67°F (-55°C) to +500°F (260°C)

Insulation Properties of the Insulated Wrap Tape



FlangeStik™ Pressure Sensitive Adhesive Spray for Tape Mounting



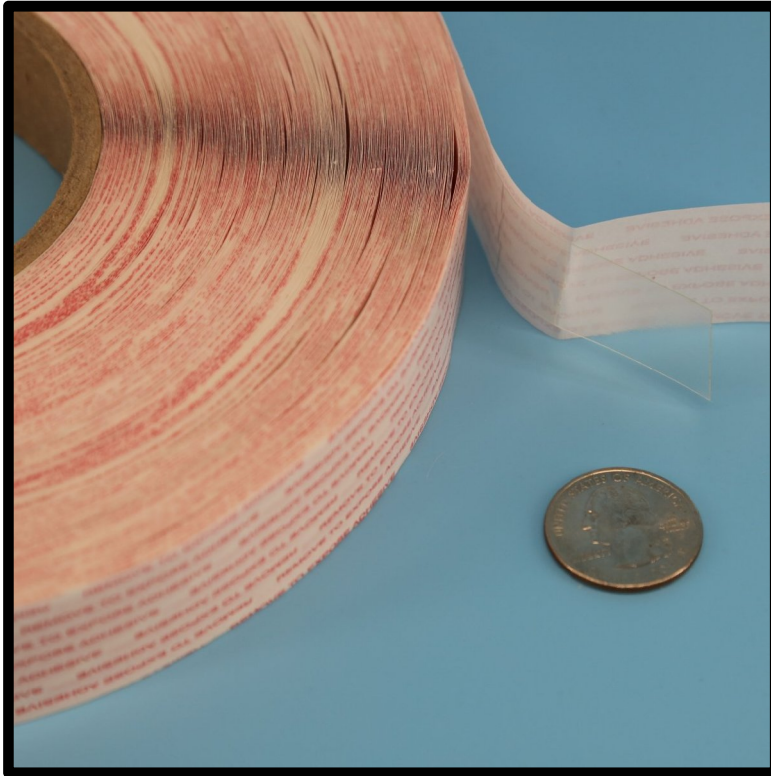
- Covers approximately 90 to 100 square feet. (enough for mounting a quantity of five 2" wide x 100 foot tapes for example)
- Used for temporary mounting of tapes onto flanges, gasket channels or contact areas while permanent hardware is installed.
- Available in butyl rubber adhesive or silicone adhesive.
- Greatly assists in the installation of tapes and fabrics onto metal and non-metal surfaces.
- 340g (12oz) net contents.
- Ships ground only.

FlangeStik™ Pressure Sensitive Adhesive Spray for Tape and Fabric Mounting

Part Number	Adhesive	Price
AD-PSA-BR-340-12	Butyl rubber	26.64
AD-PSA-US-340-12	Silicone	Call



FlangeStik™ Pressure Sensitive Adhesive Mounting Tape



- 1" wide backing paper with 0.75" wide adhesive mounting tape PSA layer.
- Backing paper is white, PSA film is transparent.
- Adhesive is hot melt rubber based.
- Used for temporary mounting of tapes onto flanges, gasket channels or contact areas while permanent hardware is installed.
- Greatly assists in the installation of tapes and fabrics onto metal and non-metal surfaces.
- Roll length is 1600 feet.
- Total thickness is 0.0059". Liner is 0.0028" thick. Adhesive film is 0.0031" thick
- Service temperature is 32°F to 158°F. Should be applied at 50°F to 122°F.

FlangeStik™ Pressure Sensitive Mounting Tape		
Part Number	Adhesive	Price
T-AD-PSA-TAPE	Butyl rubber	\$ 276.47

TadpoleTape™

500°F / 260°C Silicone Rubber TadpoleTape™	2-101
500°F / 260°C Silicone Rubber Coated Stainless Mesh TadpoleTape™	2-101
320°F / 160°C Aramid High Strength TadpoleTape™	2-102
1200°F / 648°C Precision Fiberglass TadpoleTape™	2-103
1200°F / 648°C Fiberglass Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-104
1350°F / 732°C ProSil™ Silica/Glass Blended Fabric Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-105
1350°F / 732°C ProSilMax™ Silica/Glass Blended Fabric with wire insert Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-106
1500°F / 815°C Fiberglass with Vermiculite Coating Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-107
1800°F / 982°C InSilMax™ Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-108
1900°F / 1037°C InSilMax™ XT Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-108
2000°F / 1093°C CerMax™ Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-110

Tadpoles with Specialized Coatings

550°F / 287°C Fiberglass with PTFE Coating Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-112
550°F / 287°C Rubberized Fiberglass Tacky Cloth Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-113
550°F / 287°C Expanded PTFE Heavy Duty TadpoleTape™: with Rope or Wire Mesh Core	2-114

CUSTOM SIZED TADPOLE GASKET TAPE

The catalogue pages for tadpole gasket tapes show our line of standard materials and sizes that are made by our fabrication shop.

Our tadpole gasket fabrication shop can manufacture tadpoles of almost size and shape using our standard materials, or from other materials not normally used.

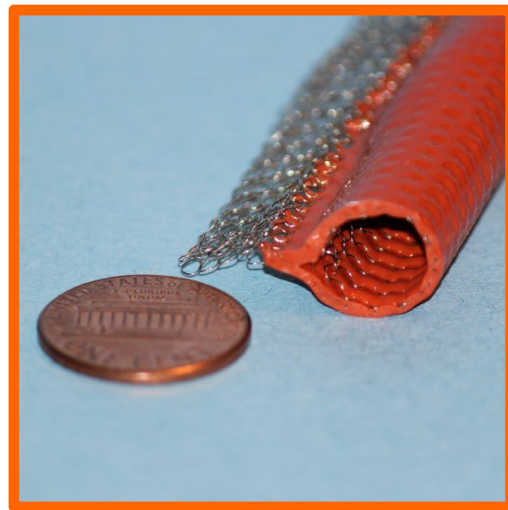
Please feel free to request a quote; either a description, or a drawing, or a photo is useful. If you would like us to match materials to an existing tadpole that needs replacement, then either a detailed close-up photo or a sample would be very useful.

Please send quote requests to info@abthermal.com or call the order desk at 610-906-3549.

High Temperature Silicone Rubber “P” and Tadpole Gasket Seals 500°F / 260°C



Extruded “P” Tadpole Gasket Seal



Stainless Mesh with Silicone Rubber Bulb

Silicone rubber extruded profiles make excellent gaskets and seals. Can be used for applications up to 500°F / 260°C continuous rating with weld splatter / molten metal splash protection. These silicone rubber products provide excellent cold temperature performance with flexibility to -76°C for refrigeration and cryogenic applications.

Excellent sealing against liquids and gases.

TT-SS-SR-0.937-0.437 is a 15/16” overall width tadpole with a 7/16” OD bulb. It is a common tadpole to use in cryogenic freezing access doors, such as food processing freezing and packaging lines.

High Temperature & Heat Resistant Silicone Rubber Tadpole Gasket Tape			
Part Number	Feet / Metres per Spool	Price per spool	Price per foot
TT-SR-M051-32-E	100 / 30.48	\$ 1491.66	NA
TT-SS-SR-0.937W-0.437B	100 / 30.48	\$ 670.00	\$ 15.41

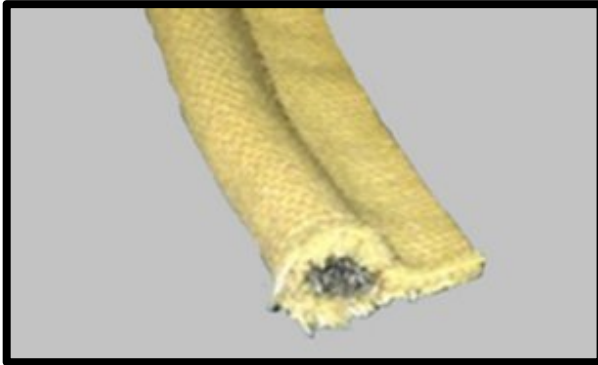
OTHER SIZES AVAILABLE – PLEASE INQUIRE

Custom sized tadpole gasket tapes are available – Please provide dimensions or a drawing



Aramid (Aromatic Polyamide) Tadpole Tape with Aramid Rope or Wire Mesh Bulb Core

320°F / 160°C TadpoleTape™ High Temperature, Heat Resistant & High Strength



Made from our aramid fabrics and ropes, and metallic mesh ropes, this is a soft and resilient gasket material for effective sealing on light metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb. The aramid fabric is very abrasion and cut resistant, ideal for high cycle applications. Not suitable for applications involving prolonged sunlight or UV exposure.

Available By-The-Foot or in standard rolls of 50 and 100 feet. **This product has a \$250 minimum order value.**

Kevlar® is a popular brand name of an Aramid polyamide material from DuPont. Our Aramid is not a DuPont product.

This product is highly flexible and conformable.

TadpoleTape™ High Temperature & Heat Resistant Aramid with Aramid Rope Core

Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		“A”	“B”	“C”	“D”	“E”
		3/8" / .375 / 7.9	1/2" / .500 / 13	5/8" / .625 / 15.8	3/4" / .750 / 19	1" / 1.000 / 25
TT-A-RC-M025-16-X	1.00 / 25	\$ 8.40	\$ 9.24	\$ N/A	N/A	N/A
TT-A-RC-M032-20-X	1.25 / 32	\$ 8.64	\$ 9.60	\$ 11.04	\$ 11.66	N/A
TT-A-RC-M038-24-X	1.50 / 38	\$ 9.24	\$ 9.96	\$ 11.40	\$ 12.50	N/A
TT-A-RC-M044-28-X	1.75 / 44	\$ 9.60	\$ 10.32	\$ 12.00	\$ 13.08	\$ 18.64
TT-A-RC-M051-32-X	2.00 / 51	\$ 9.72	\$ 11.04	\$ 12.84	\$ 13.44	\$ 19.32
TT-A-RC-M063-40-X	2.50 / 63	\$ 10.92	\$ 11.88	\$ 13.92	\$ 14.40	\$ 20.40
TT-A-RC-M076-48-X	3.00 / 76	\$ 11.88	\$ 12.72	\$ 14.34	\$ 15.48	\$ 21.12

TadpoleTape™ High Temperature & Heat Resistant Aramid with Stainless Steel or Inconel 600 Mesh Core

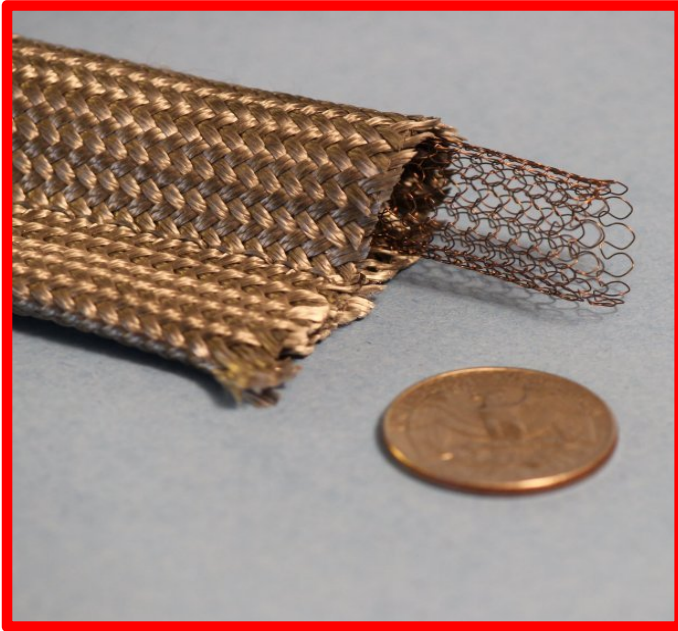
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		“A”	“B”	“C”	“D”	“E”
		3/8" / .375 / 7.9 SS / Inconel	1/2" / .500 / 13 SS / Inconel	5/8" / .625 / 15.8 SS / Inconel	3/4" / .750 / 19 SS / Inconel	1" / 1.000 / 25 SS / Inconel
TT-A-MC-M025-16-X-Z	1.00 / 25	\$11.68 / \$14.16	\$12.48 / \$16.40	N/A	N/A	N/A
TT-A-MC-M032-20-X-Z	1.25 / 32	\$11.84 / \$14.32	\$12.64 / \$16.64	\$16.96 / \$18.08	\$16.12 / \$19.12	NA
TT-A-MC-M038-24-X-Z	1.50 / 38	\$12.08 / \$14.40	\$12.88 / \$16.96	\$17.12 / \$18.32	\$16.56 / \$19.60	NA
TT-A-MC-M044-28-X-Z	1.75 / 44	\$12.40 / \$14.96	\$13.12 / \$17.28	\$17.52 / \$18.64	\$17.68 / \$20.40	\$20.64 / \$22.28
TT-A-MC-M051-32-X-Z	2.00 / 51	\$12.56 / \$15.44	\$13.52 / \$17.76	\$18.08 / \$19.20	\$18.30 / \$21.56	\$21.55 / \$23.48
TT-A-MC-M063-40-X-Z	2.50 / 63	\$13.20 / \$16.16	\$13.92 / \$18.40	\$18.80 / \$19.76	\$19.76 / \$22.92	\$22.72 / \$24.80
TT-A-MC-M076-48-X-Z	3.00 / 76	\$13.76 / \$16.72	\$14.48 / \$19.60	\$19.68 / \$20.96	\$21.23 / \$23.64	\$23.80 / \$25.40

For the “X” value: specify either A, B, C, D, or E
 For the “Z” value: specify “S” for Stainless Steel or “I” for Inconel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



Precision Fiberglass Tadpole Gasket Tape
Oven / Boiler / Kiln / Paint Booth / Clean Room Door Seals
1200°F / 648°C TadpoleTape™ Very High Temperature & Heat Resistant



- Precision Tadpole with consistent dimension of bulb and tail.
- Small tail is hollow, and can be supplied filled with a cord or rope to use as a mounting point with slotted metalwork.
- High pushback 304 stainless steel hollow sleeve inside of bulb provides excellent pushback with low compression set.
- Heat treated to result in an extremely clean surface that sheds extremely few fibers and no organic odors. Suitable for paint booth and food service applications.
- Fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C.
- This product resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable. The base fiber is manufactured to the specifications of ASTM D-578, ASTM committee D13, and subcommittee D13.18.

- Two sizes available:
- 1) 1 3/8 inch OAW (Over All Width) with a 5/8" Bulb with hollow 304 stainless steel mesh core bulb material, with 3/4" tail. The knitted wire mesh core provides excellent compression and pushback and high cycle life. ID of the hollow metal mesh bulb core is 1/2 inch.
 - 2) 1 1/4 inch OAW (Over All Width) with a 1/2" Bulb with hollow 304 stainless steel mesh core bulb material, with 3/4" tail. The knitted wire mesh core provides excellent compression and pushback and high cycle life. ID of the hollow metal mesh bulb core is 7/16 inch.

Very High Temperature & Heat Resistant Heat Treated Fiberglass Precision Tadpole Gasket Tape with Hollow Stainless Steel Knit Mesh Core			
Part Number	Bulb Size	Feet / Metres per coil	Price per coil / foot
TT-FG-HMC-M013-08-25-X	1/2"	25 / 7.6	\$ 173.25 per coil
TT-FG HMC-M013-08-50-X	1/2"	50 / 15.2	\$ 346.50 per coil
TT-FG HMC-M013-08-250-X	1/2"	250 / 76.2	\$ 1218.64 per coil
TT-FG HMC-M013-08-BTF-X	1/2"	By The Foot	\$ 10.40 / foot
TT-FG-HMC-M016-10-25-X	5/8"	25 / 7.6	\$ 198.66 per coil
TT-FG HMC-M016-10-50-X	5/8"	50 / 15.2	\$ 361.73 per coil
TT-FG HMC-M016-10-250-X	5/8"	250 / 76.2	\$ 1455.62 per coil
TT-FG HMC-M016-10-BTF-X	5/8"	By The Foot	\$ 12.38 / foot

Genuine TadpoleTape™ gasket is designed to provide a high temperature thermal seal in industrial, laboratory and commercial ovens and dryers. Used on residential self cleaning ovens as a door gasket seal.

Custom sized tadpole gasket tapes are available



Fiberglass Tadpole Tape with Fiberglass Rope or Wire Mesh Bulb Core 1200°F / 648°C TadpoleTape™ Very High Temperature & Heat Resistant



Made from our heavy duty fiberglass fabrics and ropes, and metallic mesh ropes, this is a soft and resilient gasket material for effective sealing on light metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb.

Standard Rolls of 50 and 100 feet. For By-The-Foot pricing add 25% to price shown. **This product has a \$25 minimum order value.**

A Heat Treated version of this product is available for clean room door sealing – please enquire

Fabricated from high quality type E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1200°F / 648°C. This product resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable.

TadpoleTape™ Very High Temperature & Heat Resistant Fiberglass with Rope Core

Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E				
		in / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 15.8	"D" 3/4" / .750 / 19	"E" 1" / 1.000 / 25
TT-FG-RC-M025-16-X	1.00 / 25	\$ 2.80	\$ 3.08	\$ 3.48	NA	NA
TT-FG-RC-M032-20-X	1.25 / 32	\$ 2.88	\$ 3.20	\$ 3.68	NA	NA
TT-FG-RC-M038-24-X	1.50 / 38	\$ 3.08	\$ 3.32	\$ 3.80	\$ 4.20	NA
TT-FG-RC-M044-28-X	1.75 / 44	\$ 3.20	\$ 3.44	\$ 4.00	\$ 4.36	\$ 6.88
TT-FG-RC-M051-32-X	2.00 / 51	\$ 3.24	\$ 3.68	\$ 4.28	\$ 4.48	\$ 6.44
TT-FG-RC-M063-40-X	2.50 / 63	\$ 3.64	\$ 3.96	\$ 4.68	\$ 4.80	\$ 6.80
TT-FG-RC-M076-48-X	3.00 / 76	\$ 3.96	\$ 4.24	\$ 4.64	\$ 5.16	\$ 7.04

TadpoleTape™ Very High Temperature & Heat Resistant Fiberglass with Stainless Steel or Inconel 600 Mesh Core

Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E				
		in / mm				
		"A" 3/8" / .375 / 7.9 SS / Inconel	"B" 1/2" / .500 / 13 SS / Inconel	"C" 5/8" / .625 / 15.8 SS / Inconel	"D" 3/4" / .750 / 19 SS / Inconel	"E" 1" / 1.000 / 25 SS / Inconel
TT-FG-MC-M025-16-X-Z	1.00 / 25	\$5.84 / \$7.08	\$6.24 / \$8.20	\$8.32 / NA	NA	NA
TT-FG-MC-M032-20-X-Z	1.25 / 32	\$5.92 / \$7.16	\$6.32 / \$8.32	\$8.48 / \$9.04	NA	NA
TT-FG-MC-M038-24-X-Z	1.50 / 38	\$6.04 / \$7.20	\$6.44 / \$8.48	\$8.56 / \$9.16	\$12.56 / \$18.20	NA
TT-FG-MC-M044-28-X-Z	1.75 / 44	\$6.20 / \$7.48	\$6.56 / \$8.64	\$8.76 / \$9.32	\$12.68 / \$18.40	\$20.64 / \$22.28
TT-FG-MC-M051-32-X-Z	2.00 / 51	\$6.28 / \$7.72	\$6.76 / \$8.88	\$9.04 / \$9.60	\$12.80 / \$18.56	\$20.64 / \$22.48
TT-FG-MC-M063-40-X-Z	2.50 / 63	\$6.60 / \$8.08	\$6.96 / \$9.20	\$9.40 / \$9.88	\$13.20 / \$18.92	\$20.72 / \$22.80
TT-FG-MC-M076-48-X-Z	3.00 / 76	\$6.88 / \$8.36	\$7.24 / \$9.80	\$12.84 / \$10.48	\$13.40 / \$19.64	\$20.80 / \$23.40

For the "X" value: specify either A, B, C, D, or E
 For the "Z" value: specify "S" for Stainless Steel or "I" for Inconel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



ProSil™ Silica/Glass Blended Fabric Tadpole Tape with Rope or Wire Mesh Core
1350°F / 732°C TadpoleTape™ High Temperature & Heat Resistant



Made from our proprietary blended silica/fiberglass heavy duty fabric, this is a soft and resilient gasket material for effective sealing on metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb.

Outperforms standard fiberglass tadpole tapes in higher temperature applications. Remains soft and workable at temperatures where fiberglass tapes become brittle

Standard Rolls of 50 and 100 feet. For By-The-Foot pricing add 25% to price shown. **This product has a \$200 minimum order value.**

1350°F / 732°C continuous rating: Highly flexible and conformable.

TadpoleTape™ Very High Temperature & Heat Resistant
ProSil™ Blended Silica/Glass with Rope Core

Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E (in / mm)				
		Rope Core / Inconel Mesh Core				
		"A" 3/8" / 7.9	"B" 1/2" / 13	"C" 5/8" / 15.8	"D" 3/4" / 19	"E" 1" / 25
TT-FGS-RC-M025-16-X	1.00 / 25	\$ 5.90	\$ 6.46	NA	NA	NA
TT-FGS-RC-M032-20-X	1.25 / 32	\$ 6.00	\$ 6.86	\$ 7.46	\$ 8.57	NA
TT-FGS-RC-M038-24-X	1.50 / 38	\$ 6.70	\$ 7.30	\$ 7.90	\$ 8.96	NA
TT-FGS-RC-M044-28-X	1.75 / 44	\$ 7.13	\$ 7.66	\$ 8.26	\$ 9.40	\$ 11.20
TT-FGS-RC-M051-32-X	2.00 / 51	\$ 7.50	\$ 8.10	\$ 8.70	\$ 9.80	\$ 11.56
TT-FGS-RC-M063-40-X	2.50 / 63	\$ 8.33	\$ 8.90	\$ 9.50	\$ 10.63	\$ 12.36
TT-FGS-RC-M076-48-X	3.00 / 76	\$ 9.13	\$ 9.70	\$ 10.30	\$ 11.46	\$ 13.20

For the "X" value: specify either A, B, C, D, or E

TadpoleTape™ Very High Temperature & Heat Resistant
ProSil™ Blended Silica/Glass with Inconel 600 Mesh Core

Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E (in / mm)				
		Rope Core / Inconel Mesh Core				
		"A" 3/8" / 7.9	"B" 1/2" / 13	"C" 5/8" / 15.8	"D" 3/4" / 19	"E" 1" / 25
TT-FGS-MC-M025-16-X	1.00 / 25	\$ 8.63	\$ 9.10	\$ NA	NA	NA
TT-FGS-MC-M032-20-X	1.25 / 32	\$ 9.43	\$ 9.86	\$ 10.80	\$ 15.23	NA
TT-FGS-MC-M038-24-X	1.50 / 38	\$ 9.86	\$ 10.73	\$ 11.23	\$ 15.53	NA
TT-FGS-MC-M044-28-X	1.75 / 44	\$ 10.26	\$ 11.13	\$ 11.60	\$ 16.00	\$ 17.96
TT-FGS-MC-M051-32-X	2.00 / 51	\$ 10.66	\$ 11.53	\$ 11.80	\$ 16.33	\$ 18.20
TT-FGS-MC-M063-40-X	2.50 / 63	\$ 11.46	\$ 12.33	\$ 12.83	\$ 17.10	\$ 18.50
TT-FGS-MC-M076-48-X	3.00 / 76	\$ 12.26	\$ 13.13	\$ 13.63	\$ 17.86	\$ 19.96

For the "X" value: specify either A, B, C, D, or E

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



**ProSilMax™ Silica/Glass Blended Fabric with Wire Insert
 Tadpole Tape with Rope or Wire Mesh Core
 1350°F / 732°C TadpoleTape™ High Temperature & Heat Resistant**



Made from our proprietary blended silica/fiberglass heavy duty fabric, this is a soft and resilient gasket material for effective sealing on metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb.

The fabric has a wire insert for additional strength and dimensional stability.

Outperforms standard fiberglass tadpole tapes in higher temperature applications. Remains soft and workable at temperatures where fiberglass tapes become brittle.

Standard Rolls of 50 and 100 feet. For By-The-Foot pricing add 25% to price shown. **This product has a \$200 minimum order value.**

1300°F / 704°C continuous rating: Highly flexible and conformable.

TadpoleTape™ Very High Temperature & Heat Resistant ProSilMax™ Blended Silica/Glass with Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E (in / mm)				
		Rope Core / Inconel Mesh Core				
		"A" 3/8" / 7.9	"B" 1/2" / 13	"C" 5/8" / 15.8	"D" 3/4" / 19	"E" 1" / 25
TT-PROSIL-RC-M025-16-X	1.00 / 25	\$ 5.90	\$ 6.46	NA	NA	NA
TT-PROSIL-RC-M032-20-X	1.25 / 32	\$ 6.00	\$ 6.86	\$ 7.46	\$ 8.57	NA
TT-PROSIL-RC-M038-24-X	1.50 / 38	\$ 6.70	\$ 7.30	\$ 7.90	\$ 8.96	NA
TT-PROSIL-RC-M044-28-X	1.75 / 44	\$ 7.13	\$ 7.66	\$ 8.26	\$ 9.40	\$ 11.20
TT-PROSIL-RC-M051-32-X	2.00 / 51	\$ 7.50	\$ 8.10	\$ 8.70	\$ 9.80	\$ 11.56
TT-PROSIL-RC-M063-40-X	2.50 / 63	\$ 8.33	\$ 8.90	\$ 9.50	\$ 10.63	\$ 12.36
TT-PROSIL-RC-M076-48-X	3.00 / 76	\$ 9.13	\$ 9.70	\$ 10.30	\$ 11.46	\$ 13.20

For the "X" value: specify either A, B, C, D, or E

TadpoleTape™ Very High Temperature & Heat Resistant ProSilMax™ Blended Silica/Glass with Inconel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E (in / mm)				
		Rope Core / Inconel Mesh Core				
		"A" 3/8" / 7.9	"B" 1/2" / 13	"C" 5/8" / 15.8	"D" 3/4" / 19	"E" 1" / 25
TT-PROSIL-MC-M025-16-X	1.00 / 25	\$ 8.63	\$ 9.10	\$ NA	NA	NA
TT-PROSIL-MC-M032-20-X	1.25 / 32	\$ 9.43	\$ 9.86	\$ 10.80	\$ 15.23	NA
TT-PROSIL-MC-M038-24-X	1.50 / 38	\$ 9.86	\$ 10.73	\$ 11.23	\$ 15.53	NA
TT-PROSIL-MC-M044-28-X	1.75 / 44	\$ 10.26	\$ 11.13	\$ 11.60	\$ 16.00	\$ 17.96
TT-PROSIL-MC-M051-32-X	2.00 / 51	\$ 10.66	\$ 11.53	\$ 11.80	\$ 16.33	\$ 18.20
TT-PROSIL-MC-M063-40-X	2.50 / 63	\$ 11.46	\$ 12.33	\$ 12.83	\$ 17.10	\$ 18.50
TT-PROSIL-MC-M076-48-X	3.00 / 76	\$ 12.26	\$ 13.13	\$ 13.63	\$ 17.86	\$ 19.96

For the "X" value: specify either A, B, C, D, or E

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



Vermiculite Coated Fiberglass Tadpole Tape / Rope or Wire Mesh Core
1500°F / 815°C TadpoleTape™ FlameShield™ 1500 High Temperature & Heat Resistant



Made from our heavy duty fabrics and ropes/wire mesh, this is a soft and resilient gasket material for effective sealing on light metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb of the packing.

Standard lengths of 50 and 100 feet. For By-The-Foot pricing: add 25% to price shown. **This product has a \$25 minimum order value.**

1500°F / 815°C continuous rating. Certified to meet the requirements of ASTM E 162, ASTM E 662 & SMP 800-C for surface flammability, smoke and toxic gas generation.

Fabricated from E fiberglass that will not burn and will withstand continuous exposure to temperatures of 1500°F / 815°C. This product resists most acids and alkalis and is unaffected by most bleaches and solvents. It is highly flexible and conformable. Meets Federal Railroad Administration requirements for surface flammability and rate of smoke generation.

TadpoleTape™ Vermiculite Coated Fiberglass with Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E				
		fractional inch / decimal inch / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 15.8	"D" 3/4" / .750 / 19	"E" 1" / 1.000 / 25
TT-FG-VC-RC-M025-16-X	1.00 / 25	\$ 4.20	\$ 4.64	\$ 5.24	NA	NA
TT-FG-VC-RC-M032-20-X	1.25 / 32	\$ 4.36	\$ 4.80	\$ 5.52	NA	NA
TT-FG-VC-RC-M038-24-X	1.50 / 38	\$ 4.64	\$ 5.00	\$ 5.64	\$ 6.32	NA
TT-FG-VC-RC-M044-28-X	1.75 / 44	\$ 4.80	\$ 5.20	\$ 5.96	\$ 6.56	\$ 10.32
TT-FG-VC-RC-M051-32-X	2.00 / 51	\$ 4.88	\$ 5.52	\$ 6.44	\$ 6.76	\$ 10.56
TT-FG-VC-RC-M063-40-X	2.50 / 63	\$ 5.48	\$ 5.92	\$ 7.01	\$ 7.20	\$ 10.82
TT-FG-VC-RC-M076-48-X	3.00 / 76	\$ 5.92	\$ 6.36	\$ 7.32	\$ 7.72	\$ 11.05

TadpoleTape™ Vermiculite Coated Fiberglass with Stainless Steel or Inconel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E				
		fractional inch / decimal inch / mm				
		"A" 3/8" / .375 / 7.9 SS / Inconel	"B" 1/2" / .500 / 13 SS / Inconel	"C" 5/8" / .625 / 15.8 SS / Inconel	"D" 3/4" / .750 / 19 SS / Inconel	"E" 1" / 1.00 / 25 SS / Inconel
TT-FG-VC-MC-M025-16-X-Z	1.00 / 25	\$7.36 / \$8.60	\$8.40 / \$9.16	\$9.36 / \$12.20	NA	NA
TT-FG-VC-MC-M032-20-X-Z	1.25 / 32	\$7.68 / \$8.72	\$8.72 / \$9.28	\$9.72 / \$12.48	NA	NA
TT-FG-VC-MC-M038-24-X-Z	1.50 / 38	\$7.80 / \$8.92	\$9.08 / \$9.44	\$10.04 / \$12.60	\$18.08 / \$18.48	NA
TT-FG-VC-MC-M044-28X-Z	1.75 / 44	\$8.32 / \$9.08	\$9.40 / \$9.60	\$10.60 / \$12.88	\$18.44 / \$18.64	\$22.12 / \$22.36
TT-FG-VC-MC-M051-32-X-Z	2.00 / 51	\$8.88 / \$9.20	\$9.84 / \$9.92	\$11.24 / \$13.32	\$18.92 / \$19.45	\$22.60 / \$22.87
TT-FG-VC-MC-M063-40-X-Z	2.50 / 63	\$9.52 / \$9.72	\$10.64 / \$10.24	\$12.40 / \$13.80	\$19.56 / \$19.81	\$23.24 / \$23.97
TT-FG-VC-MC-M076-48-X-Z	3.00 / 76	\$10.20 / \$10.12	\$11.76 / \$10.56	\$17.72 / \$18.84	\$20.98 / \$21.76	\$23.88 / \$24.56

For the "X" value: specify either A, B, C, D, or E for the bulb size
 For the "Z" value: specify "S" for Stainless Steel or "I" for Inconel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



Silica Tadpole Tape With Rope or Wire Mesh Core 1800°F / 982°C InSilMax™ TadpoleTape™ Extreme High Temperature Heat Flame Resistant



Made from our heavy duty silica fabrics and ropes, this is a soft and resilient gasket material for effective sealing on light metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb of the packing.

Standard Rolls of 50 and 100 feet.

For “By-The-Foot” pricing: add 25% to price shown:

Can be used at 1800°F / 982°C continuously.

InSilMax™ TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant With Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		“A” 3/8” / .375 / 7.9	“B” 1/2” / .500 / 13	“C” 5/8” / .625 / 15.8	“D” 3/4” / .750 / 19	“E” 1” / 1.000 / 25
TT-S-RC-M025-16-X	1.00 / 25	\$ 7.64	\$ 7.92	\$ 9.64	NA	NA
TT-S-RC-M032-20-X	1.25 / 32	\$ 8.48	\$ 8.68	\$ 10.36	NA	NA
TT-S-RC-M038-24-X	1.50 / 38	\$ 8.72	\$ 9.24	\$ 11.40	\$ 12.44	NA
TT-S-RC-M044-28-X	1.75 / 44	\$ 9.32	\$ 10.08	\$ 12.28	\$ 13.08	\$ 15.92
TT-S-RC-M051-32-X	2.00 / 51	\$ 10.28	\$ 10.60	\$ 12.76	\$ 13.84	\$ 16.29
TT-S-RC-M063-40-X	2.50 / 63	\$ 11.52	\$ 11.96	\$ 13.40	\$ 15.40	\$ 16.87
TT-S-RC-M076-48-X	3.00 / 76	\$ 13.16	\$ 13.40	\$ 14.24	\$ 16.96	\$ 18.97

InSilMax™ TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant with Stainless Steel or Inconel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm and choice of Stainless Steel / Inconel Bulb				
		“A” 3/8” / .375 / 7.9 SS / Inconel	“B” 1/2” / .500 / 13 SS / Inconel	“C” 5/8” / .625 / 15.8 SS / Inconel	“D” 3/4” / .750 / 19 SS / Inconel	“E” 1” / 1.000 / 25 SS / Inconel
TT-S-MC-M025-16-X-Z	1.00 / 25	\$7.72 / \$8.40	\$8.60 / \$9.60	\$9.76 / \$10.64	NA	NA
TT-S-MC-M032-20-X-Z	1.25 / 32	\$8.64 / \$9.60	\$8.92 / \$9.92	\$10.52 / \$11.44	NA	NA
TT-S-MC-M038-24-X-Z	1.50 / 38	\$8.88 / \$9.88	\$9.28 / \$10.32	\$11.68 / \$12.76	\$15.40 / \$19.88	NA
TT-S-MC-M044-28-X-Z	1.75 / 44	\$9.52 / \$10.60	\$10.20 / \$11.04	\$12.44 / \$13.60	\$15.88 / \$20.28	\$18.80 / \$23.24
TT-S-MC-M051-32-X-Z	2.00 / 51	\$10.28 / \$11.44	\$10.80 / \$11.98	\$14.32 / \$15.80	\$16.32 / \$20.60	\$19.24 / \$24.16
TT-S-MC-M063-40-X-Z	2.50 / 63	\$11.72 / \$13.04	\$12.04 / \$13.40	\$16.08 / \$17.80	\$17.24 / \$21.36	\$20.16 / \$25.24
TT-S-MC-M076-48-X-Z	3.00 / 76	\$13.36 / \$14.60	\$13.52 / \$15.04	\$16.60 / \$18.32	\$18.16 / \$22.12	\$21.08 / \$25.96

For the “X” value: specify either A, B, C, D, or E for the bulb size

For the “Z” value: specify “S” for Stainless Steel or “I” for Inconel

OTHER CUSTOM SIZES AND SHAPES AVAILABLE – PLEASE INQUIRE



Silica Tadpole Tape With Rope or Wire Mesh Core
1900°F / 1037°C InSilMax™ XT TadpoleTape™ Extreme High Temperature Heat
Flame Resistant



Made from our highest purity heavy duty silica fabrics and ropes, this is a soft and resilient gasket material for effective sealing on metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb of the tape.

Standard Rolls of 50 and 100 feet.

For By-The-Foot pricing: add 25% to price shown:

Produced from an extremely pure base fiber (SiO₂) and can be used at 1900°F / 1037°C continuously.

InSilMax™ XT TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant With Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		"A"	"B"	"C"	"D"	"E"
		3/8" / .375 / 7.9	1/2" / .500 / 13	5/8" / .625 / 15.8	3/4" / .750 / 19	1" / 1.00 / 25
TT-SXT-RC-M025-16-X	1.00 / 25	\$ 8.79	\$ 9.11	\$ 11.09	NA	NA
TT-SXT-RC-M032-20-X	1.25 / 32	\$ 9.75	\$ 9.98	\$ 11.91	NA	NA
TT-SXT-RC-M038-24-X	1.50 / 38	\$ 10.03	\$ 10.63	\$ 13.11	\$ 14.31	NA
TT-SXT-RC-M044-28-X	1.75 / 44	\$ 10.72	\$ 11.59	\$ 14.13	\$ 15.05	\$ 18.31
TT-SXT-RC-M051-32-X	2.00 / 51	\$ 11.82	\$ 12.19	\$ 14.67	\$ 15.92	\$ 18.74
TT-SXT-RC-M063-40-X	2.50 / 63	\$ 13.25	\$ 13.75	\$ 15.41	\$ 17.71	\$ 19.40
TT-SXT-RC-M076-48-X	3.00 / 76	\$ 15.13	\$ 15.41	\$ 16.38	\$ 17.81	\$ 21.82

InSilMax™ XT TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant with Stainless Steel or Inconel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm and choice of Stainless Steel / Inconel Bulb				
		"A"	"B"	"C"	"D"	"E"
		3/8" / .375 / 7.9 SS / Inconel	1/2" / .500 / 13 SS / Inconel	5/8" / .625 / 15.8 SS / Inconel	3/4" / .750 / 19 SS / Inconel	1" / 1.000 / 25 SS / Inconel
TT-SXT-MC-M025-16-X-Z	1.00 / 25	\$8.89 / \$9.66	\$9.89 / \$11.04	\$11.22 / \$11.17	NA	NA
TT-SXT-MC-M032-20-X-Z	1.25 / 32	\$9.94 / \$11.04	\$10.26 / \$11.41	\$12.09 / \$13.16	NA	NA
TT-SXT-MC-M038-24-X-Z	1.50 / 38	\$10.21 / \$11.36	\$10.67 / \$11.87	\$13.43 / \$14.67	\$17.71 / \$22.86	NA
TT-SXT-MC-M044-28-X-Z	1.75 / 44	\$10.95 / \$12.19	\$11.73 / \$12.70	\$14.31 / \$15.64	\$18.26 / \$23.32	\$21.62 / \$26.73
TT-SXT-MC-M051-32-X-Z	2.00 / 51	\$11.82 / \$13.16	\$12.42 / \$13.78	\$16.47 / \$18.17	\$18.77 / \$23.69	\$22.13 / \$27.78
TT-SXT-MC-M063-40-X-Z	2.50 / 63	\$13.48 / \$14.99	\$13.85 / \$15.41	\$18.49 / \$20.47	\$19.83 / \$22.43	\$23.18 / \$29.03
TT-SXT-MC-M076-48-X-Z	3.00 / 76	\$15.36 / \$16.79	\$15.55 / \$17.30	\$19.09 / \$21.07	\$20.88 / \$25.43	\$24.24 / \$29.85

For the "X" value: specify either A, B, C, D, or E for the bulb size
 For the "Z" value: specify "S" for Stainless Steel or "I" for Inconel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE



Ceramic Fiber Tadpole Tape With Rope or Wire Mesh Core
2000°F / 1093°C CerMax™ TadpoleTape™ Extreme High Temperature Heat Flame Resistant



Made from our highest temperature ceramic fiber inonel wire inserted materials, this is a soft and resilient gasket material for effective sealing on metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb of the tape.

Standard Rolls of 50 and 100 feet.

For By-The-Foot pricing: add 25% to price shown:

Can be used at 2000°F / 1093°C continuously.

CerMax™ TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant With Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 15.8	"D" 3/4" / .750 / 19	"E" 1" / 1.000 / 25
TT-C-RC-M038-24-X	1.50 / 38	\$ CALL	\$ CALL	\$ CALL	\$ CALL	NA
TT-C-RC-M044-28-X	1.75 / 44	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-RC-M051-32-X	2.00 / 51	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-RC-M063-40-X	2.50 / 63	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-RC-M076-48-X	3.00 / 76	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL

CerMax™ TadpoleTape™ Extreme High Temperature; Heat & Flame Resistant with Inonel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm and Inonel Mesh Bulb				
		"A" 3/8" / .375 / 7.9 SS / Inonel	"B" 1/2" / .500 / 13 SS / Inonel	"C" 5/8" / .625 / 15.8 SS / Inonel	"D" 3/4" / .750 / 19 SS / Inonel	"E" 1" / 1.000 / 25 SS / Inonel
TT-C-MC-M038-24-X	1.50 / 38	\$ CALL	\$ CALL	\$ CALL	\$ CALL	NA
TT-C-MC-M044-28-X	1.75 / 44	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-MC-M051-32-X	2.00 / 51	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-MC-M063-40-X	2.50 / 63	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL
TT-C-MC-M076-48-X	3.00 / 76	\$ CALL	\$ CALL	\$ CALL	\$ CALL	\$ CALL

For the "X" value: specify either A, B, C, D, or E for the bulb size
 For the "Z" value: specify "S" for Stainless Steel or "I" for Inonel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE

CerMax Tadpole Tape Technical Data

CerMax is alumino-silicate based refractory fiber. White and odorless. Available with either a fiberglass or wire re-inforcement. Some organic binder is present, and will smoke-off at elevated temperatures. Once the organics have smoked-off, the product will turn white again. If smoke free operation is required, then it should be heat treated before use.

Chemical & Physical Data: Total Al_2O_3 and SiO_2 > 97% (Al_2O_3 : 47%); Fe_2O_3 <1.1%. Weight Loss (1800°F) 8-10%; Refractory Fiber content >85%. Fiber diameter: 2 - 4 microns; Fiber length: 100 - 250 mm. Fiber shrinkage (1800°F, 3 hr) <3.5%

Thermal Conductivity: 570°F: 0.84 BTU/ft²°F/in (0.12 W/m °K). 1100°F: 0.91 BTU/ft²°F/in (0.13 W/m °K). 1800°F: 1.19 BTU/ft²°F/in (0.17 W/m °K).



Fiberglass with PTFE Coating Tadpole Tape: Rope or Wire Mesh Core 550°F / 287°C TadpoleTape™ High Temperature, Heat & Chemical Resistance



- PTFE Coated Fiberglass

Made from our heavy duty fabrics and ropes/wire mesh; this is a soft and resilient gasket material for effective sealing on light metal flanges and where limited bolting force is available – and where doors and other closures rest on the bulb of the packing. This fabric offers the advantage of a non-asbestos material with higher temperature range and with excellent resistance to almost all solvents, caustics and acids. The base fabric is rated to 1000°F / 537°C. PTFE melting point is 620°F / 327°C.

Standard lengths of 50 and 100 feet. For By-The-Foot pricing: add 25% to price shown:

550°F / 287°C continuous rating

Tadpole Tape™ High Temperature & Chemical Resistance PTFE Coated Fiberglass with Rope Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		“A” 3/8” / .375 / 7.9	“B” 1/2” / .500 / 13	“C” 5/8” / .625 / 15.8	“D” 3/4” / .750 / 19	“E” 1” / 1.000 / 25
TT-FG-PT-RC-M025-16-X	1.00 / 25	\$ 5.56	\$ 5.80	\$ 6.52	NA	NA
TT-FG-PT-RC-M032-20-X	1.25 / 32	\$ 5.96	\$ 6.24	\$ 7.32	NA	NA
TT-FG-PT-RC-M038-24-X	1.50 / 38	\$ 6.72	\$ 6.96	\$ 8.04	\$ 7.80	NA
TT-FG-PT-RC-M044-28-X	1.75 / 44	\$ 7.48	\$ 7.72	\$ 8.80	\$ 8.60	\$ 11.72
TT-FG-PT-RC-M051-32-X	2.00 / 51	\$ 8.08	\$ 8.52	\$ 9.76	\$ 9.28	\$ 12.12
TT-FG-PT-RC-M063-40-X	2.50 / 63	\$ 9.16	\$ 9.44	\$ 10.76	\$ 10.24	\$ 12.48
TT-FG-PT-RC-M076-48-X	3.00 / 76	\$ 10.08	\$ 10.36	\$ 11.00	\$ 11.24	\$ 13.04

TadpoleTape™ High Temperature & Chemical Resistance PTFE Coated Fiberglass: with Stainless Steel or Inconel 600 Mesh Core						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm and choice of Stainless Steel / Inconel Bulb				
		“A” 3/8” / .375 / 7.9 SS / Inconel	“B” 1/2” / .500 / 13 SS / Inconel	“C” 5/8” / .625 / 15.8 SS / Inconel	“D” 3/4” / .750 / 19 SS / Inconel	“E” 1” / 1.000 / 25 SS / Inconel
TT-FG-PT-MC-M025-16-X-Z	1.00 / 25	\$8.72 / \$11.02	\$9.12 / \$12.48	\$11.52 / \$14.00	NA	NA
TT-FG-PT-MC-M032-20-X-Z	1.25 / 32	\$9.12 / \$11.68	\$9.52 / \$13.12	\$12.28 / \$14.64	NA	NA
TT-FG-PT-MC-M038-24-X-Z	1.50 / 38	\$9.84 / \$12.00	\$10.24 / \$13.80	\$13.02 / \$15.28	\$16.36 / \$26.24	NA
TT-FG-PT-MC-M044-28-X-Z	1.75 / 44	\$10.64 / \$12.96	\$11.04 / \$14.44	\$13.76 / \$16.24	\$17.12 / \$26.92	\$25.84 / \$32.00
TT-FG-PT-MC-M051-32-X-Z	2.00 / 51	\$11.28 / \$13.64	\$11.76 / \$15.16	\$14.72 / \$17.44	\$17.80 / \$27.64	\$26.31 / \$32.80
TT-FG-PT-MC-M063-40-X-Z	2.50 / 63	\$12.28 / \$15.12	\$12.64 / \$16.60	\$15.72 / \$19.08	\$18.88 / \$29.03	\$26.55 / \$34.08
TT-FG-PT-MC-M076-48-X-Z	3.00 / 76	\$13.20 / \$16.20	\$13.56 / \$17.48	\$16.76 / \$25.56	\$19.72 / \$30.80	\$27.12 / \$35.80

For the “X” value: specify either A, B, C, D, or E

For the “Z” value: specify “S” for Stainless Steel or “I” for Inconel

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE

The PTFE is applied to the tadpole tape by dipping the tape through an immersion tank of liquid PTFE dispersion. The tape is then air dried as it leaves the dip tank. The result is a PTFE coating on the tape which is soft, robust and flexible; however, it can be abrasively removed from the tape with aggressive fingernail scraping, resulting in a thinner and thinner layer of ptf remaining with each pass. The PTFE also causes the yarns to be sealed and the small gaps between the yarns filled, resulting in an almost air-tight / liquid-tight tape.



White Rubber Coated Fiberglass Tadpole Tape (Tacky Cloth) with Rope Core
550°F / 287°C: Tuff-Flex™ TadpoleTape™ High Temperature *With or Without Wire Insert*



TadpoleTape™ made from Tuff-Flex™ 550 tacky cloth.

This is a widely used tadpole tape that provides a resilient and non-absorbent gasket material for service against steam, air, water and gases.

Especially useful where a rough or uneven surface or flange exists. The fabric is a fiberglass base with a special white rubber formulation. The fabric is tacky, and has a plastic film surface covering that is removed before installation. The fabric will stick to itself once the film is removed.

Wire Inserted Version: The fill (width wise) yarn for this version of the fabric has a twisted brass wired formed with it, providing additional strength and electrical conductivity/shielding.

550°F / 287°C continuous rating, excellent sealing properties as a gasket material

Tuff-Flex™ TadpoleTape™ High Temperature White Rubber Coated Fiberglass Tacky Cloth with Rope Core: with or without wire insert						
Part Number	Over All Width in / mm	Price per Foot By Bulb Size: A / B / C / D / E in / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 15.8	"D" 3/4" / .750 / 19	"E" 1" / 1.000 / 25
TT-FG-TC-M025-16-X-Z	1.00 / 25	\$ 4.80	\$ 5.12	\$ 5.80	NA	NA
TT-FG-TC-M032-20-X-Z	1.25 / 32	\$ 5.00	\$ 5.56	\$ 6.24	NA	NA
TT-FG-TC-M038-24-X-Z	1.50 / 38	\$ 5.48	\$ 5.84	\$ 6.52	\$ 7.48	NA
TT-FG-TC-M044-28-X-Z	1.75 / 44	\$ 6.04	\$ 6.36	\$ 7.04	\$ 8.12	\$ 9.96
TT-FG-TC-M051-32-X-Z	2.00 / 51	\$ 6.60	\$ 6.84	\$ 7.32	\$ 8.84	\$ 11.24
TT-FG-TC-M063-40-X-Z	2.50 / 63	\$ 7.56	\$ 7.84	\$ 8.36	\$ 9.64	\$ 12.84
TT-FG-TC-M076-48-X-Z	3.00 / 76	\$ 8.56	\$ 8.92	\$ 9.40	\$ 10.76	\$ 14.44

For the "X" value in the part number specify either A, B, C, D, or E to correspond to the bulb size

For the "Z" value in the part number use "W" to specify with wire insert use "N" to specify no wire

Same price with and without wire insert

Standard Rolls of 25 and 50 feet. For By-The-Foot pricing: add 25% to price shown.

OTHER CUSTOM SIZES & SHAPES AVAILABLE – PLEASE INQUIRE

Curing: It is recommended that this material be cured in situ. This material must be heated to a minimum of 300°F within 60 minutes, then it must sit at 300°F or higher for 90 minutes for the rubber to fully cure.

Do not overtorque the material during this curing time or the rubber will be squeezed off of the base material.

If the material is not fully cured, the rubber will drip from the material causing voids. After curing the material can be exposed to a lower operational temperature.



Expanded PTFE Tadpole Tape with Rope or Wire Mesh Core
550°F / 287°C TadpoleTape™ High Temperature & Chemical Resistance



- Made from expanded PTFE (ePTFE)

Pure ePTFE tape formed into a tadpole with either a rope core or stainless steel mesh core. Excellent corrosion resistance, high pressure resistance, easy to use.

Excellent resistance to almost all solvents, caustics and acids.

PTFE melting point is 620°F / 327°C.

Standard Roll of 100 feet. Sold in Full Rolls Only

TadpoleTape™ ePTFE with Rope Core						
Part Number	Over All Width in / mm	Price per Roll By Bulb Size: A / B / C / D / E				
		fractional inch / decimal inch / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 16	"D" 3/4" / .750 / 19	"E" 1" / 1.00 / 25
TT-EPT-RC-M025-16-X	1.00 / 25	\$ 915.33	\$ 1147.50	NA	NA	NA
TT-EPT-RC-M032-20-X	1.25 / 32	\$ 1092.67	\$ 1340.00	\$ 1240.33	NA	NA
TT-EPT-RC-M038-24-X	1.50 / 38	\$ 1250.67	\$ 1497.00	\$ 1422.67	\$ 1512.00	NA
TT-EPT-RC-M044-28-X	1.75 / 44	\$ 1352.50	\$ 1672.33	\$ 2040.00	\$ 2153.33	NA
TT-EPT-RC-M051-32-X	2.00 / 51	\$ 1936.67	\$ 2346.67	\$ 2273.33	\$ 2386.67	\$ 2690.00
TT-EPT-RC-M063-40-X	2.50 / 63	\$ 2430.00	\$ 2790.00	\$ 2740.00	\$ 2853.00	\$ 3156.67
TT-EPT-RC-M076-48-X	3.00 / 76	\$ 2990.00	\$ 3233.00	\$ 3206.67	\$ 3320.00	\$ 3623.33

TadpoleTape™ ePTFE with Stainless Steel Mesh Core						
Part Number	Over All Width in / mm	Price per Roll By Bulb Size: A / B / C / D / E				
		fractional inch / decimal inch / mm				
		"A" 3/8" / .375 / 7.9	"B" 1/2" / .500 / 13	"C" 5/8" / .625 / 16	"D" 3/4" / .750 / 19	"E" 1" / 1.00 / 25
TT-EPT-MC-M025-16-X	1.00 / 25	\$ 1376.67	\$ 1456.67	NA	NA	NA
TT-EPT-MC-M032-20-X	1.25 / 32	\$ 1598.00	\$ 1695.00	\$ 1823.33	NA	NA
TT-EPT-MC-M038-24-X	1.50 / 38	\$ 1798.00	\$ 1896.00	\$ 2056.67	\$ 2453.33	NA
TT-EPT-MC-M044-28-X	1.75 / 44	\$ 1930.00	\$ 2123.33	\$ 2290.00	\$ 2686.67	NA
TT-EPT-MC-M051-32-X	2.00 / 51	\$ 2150.00	\$ 2346.67	\$ 2523.33	\$ 2920.00	\$ 3306.67
TT-EPT-MC-M063-40-X	2.50 / 63	\$ 2643.33	\$ 2790.00	\$ 2990.00	\$ 3386.67	\$ 3773.33
TT-EPT-MC-M076-48-X	3.00 / 76	\$ 3203.33	\$ 3233.33	\$ 3456.67	\$ 3853.33	\$ 4240.00

For the "X" value: specify either A, B, C, D, or E for the bulb size

OTHER SIZES AVAILABLE – PLEASE INQUIRE

TTWearGuard

Custom Size and Custom Construction TadpoleTape™

Our fabrication shop can produce almost any size and shape gasket, tadpole shape or almost any other shape.

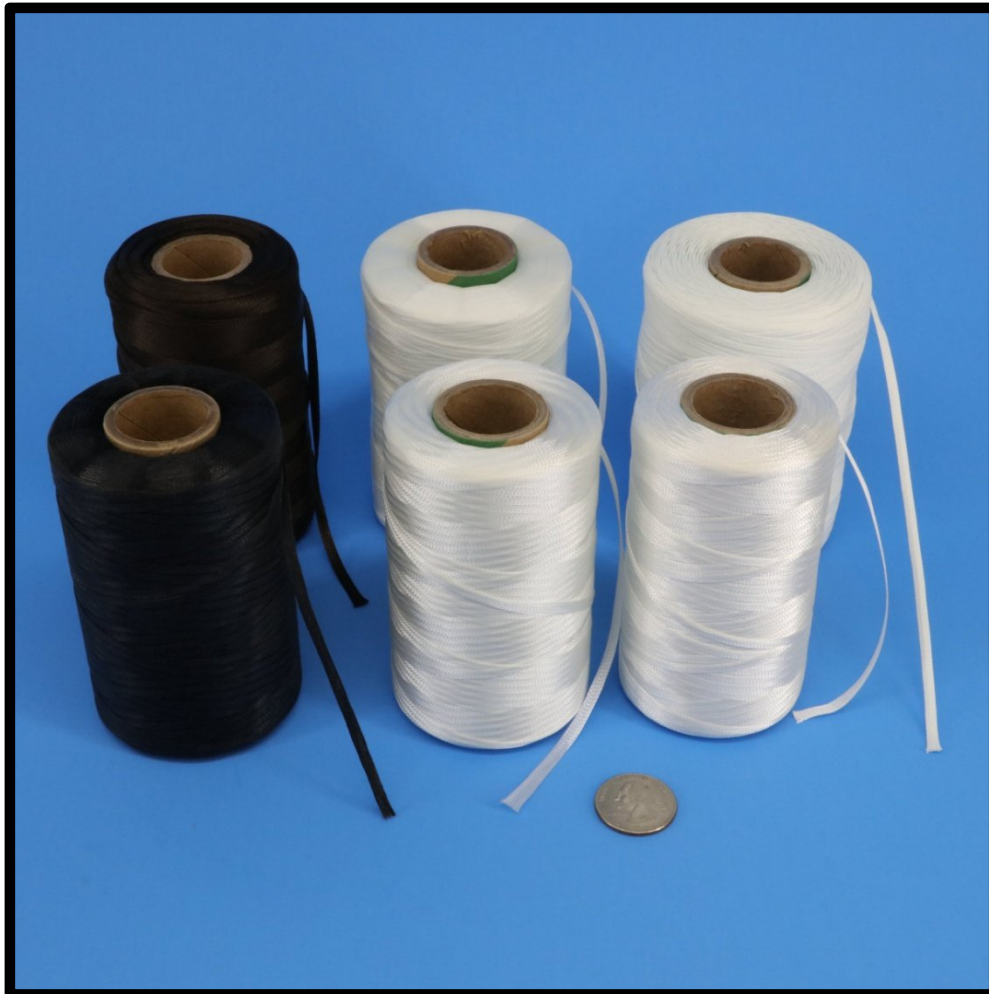
Some of the common shapes include double bulb, square bulb, and metal mesh covered.

To assist our fabrication shop, any sketch, drawing, or photo of an existing item would be useful.

Please contact us to obtain a price and time quotation.

Lacing Tape

NyLace™ Nylon Lacing Tape	2-118
PolyLace™ Polyester Dacron Lacing Tape	2-119
PtLace™ PTFE Lacing Tape	2-120
GlasLace™ Fiberglass Lacing Tape	2-121
NMXLace™ Nomex Lacing Tape	2-122





Nylon® Lacing Tape A-A-52080 Type I / MIL-T-43435
 Heat Resistant High Strength Lacing Tape
 - Natural, Wax or Synthetic Rubber Finish
 -67°F to 250°F - Melting Point 478°F



- General purpose lacing tape.
- Color: Natural or Black
- Good abrasion resistance and tensile strength.



Nylon® Lacing Tape - A-A-52080 Type I / MIL-T-43435							
-67°F to 250°F							
Part Number	Mil Spec Size	Width		Thickness		Spool Length feet	Price Finish A / B / C
		Min / Max inches	Min / Max inches	Min / Max inches	Min / Max inches		
T-LACE-NY-1-X-Y	1	0.180	0.220	0.013	0.019	750	\$ 33.63 / 55.00 / 40.50
T-LACE-NY-2-X-Y	2	0.099	0.121	0.012	0.018	750	\$ 22.75 / 37.50 / 25.80
T-LACE-NY-3-X-Y	3	0.077	0.094	0.011	0.017	1500	\$ 22.50 / 38.75 / 26.93
T-LACE-NY-4-X-Y	4	0.054	0.066	0.009	0.015	1500	\$ 19.38 / 33.75 / 27.75
T-LACE-NY-5-X-Y	5	0.045	0.055	0.006	0.014	1500	\$ 16.25 / 23.37 / 19.50

Above Pricing is for Natural – For Black add 30%

**For the “X” value in the part number specify either:
 “A” for Natural, “B” for Wax, or “C” for Synthetic Rubber finish**

**For the “Y” value in the part number: use “N” for Natural
 use “B” to specify Black**

\$100.00 Minimum Order



Polyester Dacron® Lacing Tape A-A-52081 Type II / MIL-T-43435
Heat Resistant High Strength Lacing Tape
 - Natural, Wax or Synthetic Rubber Finish
 -99°F to 350°F - Melting Point 482°F



- General purpose lacing tape, superior knot tying and holding compared to Nylon.
- Suitable for Aviation / Aerospace applications
- Color: Finish A / Natural or Black
 Finish B & C / Natural, Black or Red
- Good abrasion resistance and tensile strength.



Polyester Dacron Lacing Tape - A-A-52081 Type II / MIL-T-43435							
-99°F to 350°F							
Part Number	Mil Spec Size	Width		Thickness		Spool Length feet	Price Finish A / B / C
		Min / Max inches	Min / Max inches	Min / Max inches	Min / Max inches		
T-LACE-DA-1-X-Y	1	0.180	0.220	0.013	0.019	750	\$ 30.87 / 57.50 / 35.10
T-LACE-DA-2-X-Y	2	0.099	0.121	0.012	0.018	750	\$ 27.37 / 32.50 / 31.25
T-LACE-DA-3-X-Y	3	0.077	0.094	0.011	0.017	1500	\$ 20.62 / 36.50 / 25.00
T-LACE-DA-4-X-Y	4	0.054	0.066	0.009	0.015	1500	\$ 17.25 / 30.87 / 20.25
T-LACE-DA-5-X-Y	5	0.045	0.055	0.006	0.014	1500	\$ 16.87 / 28.12 / 18.12

Above Pricing is for Natural – For Black or Red add 15%

For the “X” value in the part number specify either:
 “A” for Natural, “B” for Wax, or “C” for Synthetic Rubber finish

For the “Y” value in the part number: use “N” for Natural
 use “B” for Black
 use “R” for Red

\$100.00 Minimum Order



PTFE Fluorocarbon (Teflon®) Lacing Tape A-A-52082 Type III / MIL-T-43435
Heat & Chemical Resistant Lacing Tape
 - No Finish
 -99°F to 450°F - Melting Point 620°F

- Suitable for aircraft engine applications.
- Natural (Brown/Tan Color)



PTFE Fluorocarbon (Teflon) Lacing Tape - A-A-52082 Type III / MIL-T-43435							
-99°F to 450°F							
Part Number	Mil Spec Size	Width		Thickness		Spool Length feet	Price
		Min / Max inches	Min / Max inches	Min / Max inches	Min / Max inches		
T-LACE-PT-2	2	0.108	0.132	0.009	0.014	750	\$ 123.50
T-LACE-PT-4	4	0.059	0.072	0.009	0.014	1500	\$ 109.50



Fiberglass (E-grade) Lacing Tape A-A-52083 Type IV / MIL-T-43435
 Heat & Very High Temperature Resistant Non Flammable Lacing Tape
 - Natural with PTFE finish
 -67°F to 900°F - Melting Point 2100°F



- Very high temperature applications.
- Low elongation. Not affected by moisture.
- Color: Natural



Fiberglass Lacing Tape - A-A-52083 Type IV / MIL-T-43435
 -67°F to 900°F

Part Number	Mil Spec Size	Width		Thickness		Spool Length feet	Price
		Min / Max inches	Min / Max inches	Min / Max inches	Min / Max inches		
T-LACE-FG-1	1	0.203	0.248	0.013	0.019	750	\$ 123.00
T-LACE-FG-2	2	0.099	0.121	0.013	0.019	750	\$ 99.00
T-LACE-FG-3	3	0.077	0.094	0.013	0.019	1500	\$ 143.50
T-LACE-FG-4	4	0.054	0.066	0.013	0.019	1500	\$ 105.00



Nomex® Meta Aramid Lacing Tape A-A-52084 Type V / MIL-T-43435
 Heat & Very High Temperature Resistant Non Flammable Lacing Tape
 - Natural or Synthetic Rubber finish
 -67°F to 500°F - Melting Point 700°F



- Very high temperature applications.
- Non-flammable.
- Suitable for aircraft wiring applications.
- Color: Natural



Nomex® Meta-Aramid Lacing Tape - A-A-52084 Type V / MIL-T-43435 -67°F to 500°F							
Part Number	Mil Spec Size	Width		Thickness		Spool Length feet	Price A or C
		Min / Max inches	Min / Max inches	Min / Max inches	Min / Max inches		
T-LACE-NMX-1-X	1	0.180	0.220	0.013	0.019	750	\$ 288.00
T-LACE-NMX-2-X	2	0.099	0.121	0.011	0.017	750	\$ 153.00
T-LACE-NMX-3-X	3	0.068	0.083	0.009	0.015	1500	\$ 162.50
T-LACE-NMX-4-X	4	0.050	0.061	0.007	0.013	1500	\$ 134.00

For the “X” value in the part number specify either:
 “A” for Natural or “C” for Synthetic Rubber finish

High Temperature, Heat, Flame, Fire, Molten Metal & Weld Splatter Protection Materials

Fax Orders: 610-340-9054 Telephone Orders: 610-906-3549 orders@abthermal.com
