

## MIL-I-22444 Silicone Rubber Supported/Reinforced Self Fusing Limited Stretch Electrical Insulation Tape - Cable Splicing

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.
- Specified for cable splicing by the US Navy.
- Used as a compression protection tape under wiring connector clamping collars.



The above picture of the clear version of the tape shows the fiberglass reinforcement layer. Tape is normally ordered in Oxide-Red or Black Color; other colors available including clear.

- 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

**MIL-I-22444 Silicone Rubber Supported/Reinforced Self Fusing Limited Stretch Electrical Insulation Tape - Cable Splicing (Continued)**

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- "S25" tape is 25% limited elongation
- "S15" tape is 15% limited elongation

<b>FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Tape</b>				
<b>Meets MIL-I-22444 Type I</b>				
<b>Part Number</b>	<b>Tape Width Inches / mm</b>	<b>Thickness inches / mm</b>	<b>Type / Profile</b>	<b>Single Roll Price Per Roll</b>
MIL-I-22444-S25-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
MIL-I-22444-S15-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
MIL-I-22444-68N-5970-14-464-7312-OR	3/4 / 19	0.012 / 0.3	I / Rectangular	\$ 61.37
MIL-I-22444-69N-BK	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 64.82
MIL-I-22444-78N-OR	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
MIL-I-22444-79N-BK	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
MIL-I-22444-S25-M025-16-XX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
MIL-I-22444-S15-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.