



SILICONE RUBBER SELF FUSING TAPES

Mil Spec A-A-59163 / Mil-I-46852

Type I and Type II Silicone Self Fusing Tapes

Self-Fusing Silicone Rubber Tape is a rectangular and triangular profile silicone rubber self-fusing compression tapes meeting A-A-59163 and Mil-I-46852 specification are used for a variety of critical electrical wiring and cable splicing and protection jobs. Especially suited for aviation and marine environments, as well as outdoor weathering environments.



The tape has no adhesive, but sticks to itself (self-fuses or self amalgamating) when stretched and wrapped onto it self. The tapes starts curing within minutes, and after several hours cannot be unwound or removed without using a sharp knife or blade. This tape makes a waterproof, weatherproof and air-tight protection.

This tape is available in oxide-red and black. The triangular tape has a guideline stripe in the center which aids in achieving a 50% spiral wrap. Triangular level wrap tapes provide a smooth surface on spiral wrapping, preventing the tape wrap area from snagging when pulling a wire or cable through a bundle or over objects or openings.

Self-Fusing Silicone Rubber Tape meets A-A-59163 and Mil-I-46852 and provides superior electrical insulation with a minimum of 300 volts per mil (.001") of tape thickness at 365°F / 180°C. A 20mil tape therefore provides 6000 volts per wrap of insulation value.

This tape is also used to wrap hydraulic connections and to make vibration resistant bumpers and spacers for wiring, cable, hose, pipes and lines. This tape is used to wrap and hold insulation in place on hot air ducts.

Self-Fusing Silicone Rubber Tape

Available widths: 1/2", 3/4", 1", 1-1/2" and 2"

Available Lengths: 10', 36'

Special order widths, thicknesses, colors and lengths are also available.