

From the makers of the **STOP IT® PIPE REPAIR SYSTEM**



SELF-FUSING TAPE

High temperature, heavy duty, self-bonding, seamless silicone tape.

Simple to use, all purpose self-fusing tape is superior to shrink wrap tubing and vinyl tapes.

FUSION TAPE™ bonds into a permanent, inseparable, cohesive insulator at room temperature and has a dielectric strength of 400 volts/mil. This remarkable tape maintains its insulating, sealing and elastic properties in a wide range of temperatures. It won't crack or separate with sudden shock, vibration,

expansion or contraction. **FUSION TAPE™** is not tacky to the touch and requires no heat or tools to promote fusion. An ideal wrap for terminating high voltage cables. **FUSION TAPE™** can also be used as a primary cable insulation where Class H temperatures (180° C / 356° F) are present. It also resists moisture and ozone, making it an excellent environmental insulator.

THOUSANDS OF USES!

Fuses into a solid piece of silicone rubber!



FUSION TAPE™ fuses into a solid piece of silicone rubber with no adhesive residue.

FUSION TAPE™'s triangular cross section results in a more uniform thickness when the edges are overlapped.



FUSION TAPE™ is sand blasted and cut away to reveal undisturbed electrical connection.

FUSION TAPE™ is still intact after submersion in used motor oil for over 1 1/2 years.



FUSION TAPE™ – TECHNICAL INFORMATION

Physical Properties

Operating Temperatures (Intermittent):

-85° F to 500° F (-65° C to 260° C)

Operating Temperatures (Continuous):

-65° F to 500° F (-54° C to 260° C)

Dielectric strength, Minimum: 400 volts/mil (0.020" thick)

Dielectric Constant, 1Khz: 2.95

Dissipation Factor, 1Khz: <.0004

Volume Resistivity: 3 x 10¹⁴ ohm/cm

Cold Brittle Point, Maximum: -65° C

Water Absorption: 3% maximum by weight

Tensile strength: 700 psi minimum

Ultimate Elongation: 300% minimum

Tear Resistance: 85 psi

Durometer hardness: 50 shore A room cured 24 hours

Meets or Exceeds: U.S. Military Spec A-A-59163

(Supercedes MIL I-46852C) Type II Triangular Guideline and Type I, Rectangular, Self-fusing silicone rubber tape.

Ordering information

Packaged: 12 rolls/case

Product Dimensions: Width 1" (2.5cm), Length 20' (6.1m), Thickness 0.020" (0.05cm)

Case Dimensions: 12" x 9" x 5" (31cm x 25cm x 13cm)

Case Weight: 2.5 lbs (1.1kg)

