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RED SILICONE TAPE

1" and 1.5" Wide x .020" Thick x 36 ft.

SEALS TO ITSELF - when used on electrical connections it leaves no residue

Cures in 24 Hrs. at room temperature

Prevents wicking on Silco Sleeves

Use to attach or join lengths of Silco Sleeves

Use to repair damaged lengths of Silco Sleeves

Temperature Range: -60° to 200°C Continuous

-65° to 260°C Intermittent

Bond Strength, Min.: 2 lbs

Dielectric Strength, Min.: 400 v/mil

Tape Width & Style: 1" Triangle 1.5" Rectangle

Price: 1 - 2 Rolls	\$15.57/RI	\$23.11/RI
3 - 11	\$ 12.33	\$18.20
12 +	\$ 11.07	\$16.38

Delivery: In stock in Lima

Freight: F.O.B. Lima, Ohio

Terms: Net 30

Revised: September 21, 2011

INSTALLATION PROCEDURES on following page



RED SILICONE TAPE

Red Silicone Tape is extruded of high performance silicone rubber. It is self adhering and self fusing, curing into a solid rubber insulator at room temperature in 24 hours or less, resulting in an inseparable barrier that resists moisture, ozone and corona at temperatures up to 260° C. It's high thermal conductivity allows for rapid heat dissipation, resulting in lower temperature rise on all types of connections. The tape is suitable for use wherever a tough, high temperature, permanently resilient insulation or seal is required. When properly installed it provides a moisture-free seal around terminations, connections and wire harness bundles, offering low cost solutions to high reliability problem areas. The unique triangular cross sectional configuration of the tape allows for complete, smooth and transitional coverage over irregularly shaped surfaces. It meets or exceeds requirements of MIL-I-46852B, Type II (-60°C to 200°C continuous use; -65°C to 260°C intermittent use.)

INSTALLATION PROCEDURES:

- 1) Thoroughly clean the area to be insulated by removing all oil, grease, grime and dirt. An electrical component or cable cleaner is recommended. Sharp particles of dirt beneath the tape increases the risk of tearing the tape during application.
- 2) The release liner should be removed as the tape is installed. This will keep the tape clean and prevent premature and accidental adhesion of the tape to itself.
- 3) To begin the taping process, wrap one full overlap of tape onto itself with minimal stretch. Keep in mind that the tape will only adhere to itself.
- 4) After the beginning wrap, stretch the tape to approximately 3/4 its normal width while half-

lapping. Overlap each layer of tape by matching the edge of the tape to the center guideline of the previous layer.

- 5) Continue the half-lap process until the end of the area to be insulated is reached. At this point wrap one full turn of tape onto itself as in the beginning step, stretching the tape to approximately 3/3 its normal width. This will insure a good tight adhesion of the end of the tape.
- 6) When working with two, three or more breakouts, fill in the "crotch" areas first then follow the half-lap procedure down each leg and trunk of the cable or harness.
- 7) To accelerate the curing process, the application of heat from a conventional hot air heat gun or oven may be applied. (250°F for 10 minutes)