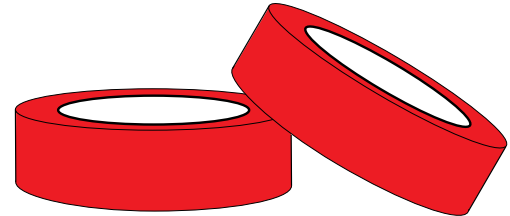


Self-fusing Tape for Weatherproofing Applications

Self-fusing and marking tape is a time saving alternative to traditional butyl rubber sealant tapes. The silicone tapes are produced from specially formulated UV resistant silicone rubber. When applied to RF connectors the tape wraps bond together giving the connection an additional layer of protection against water, dirt and vibration. Compared to conventional tapes Fusion tapes are both easy to apply and remove from connections. Available in three colors options Fusion tapes can also be used to color code tower top cable installations, making it easy to locate cables for monitoring purposes.



Mechanical

Thermal Stability	356°F/180°C
Temperature Range	- 65°F to +500°F (- 50°C to +260°C)
Volume Resistivity	10 ¹³ ohm-cm min. (ASTM D257)
Self Adhesion	2 p.p.i. min. (ASTM D2148)
Hardness	50±10 Shore A (ASTM D2240)
Moisture Absorption	0.9% (46 hrs. in H ₂ O @ 70°F)
Dielectric Strength	300 VPM

Performance Advantages

- Resists moisture, oxygen, and ozone to assure continuous high insulation values.
- Conforms smoothly when wrapped around complex forms.
- Bonds to itself at room temperature within 24 hours.
- Remains non-tacky to the touch and does not adhere to other surfaces, or substrates.
- Insulates with single wrap, thereby reducing labor time and cost.
- Dampens vibration and resists heat and mechanical shock as well as UV.
- Inherently flame retardant and when burned forms a non-conductive ash. Meets the horizontal burn test criteria prescribed in FAR 25.853.
- Self-fusing tapes provide a uniform thickness even around sharp edges. Fiberglass fabric encapsulated inside the silicone rubber, prevents wicking and maintains high insulation resistance under high humidity conditions. These controlled stretch tapes provide a uniform insulation barrier.
- All tapes are protected by a special interleaved liner.



One Company. A World of Solutions.

Andrew Corporation
3 Westbrook Corporate Center
Suite 900
Westchester, IL USA 60154

Customer Support Center
From North America
Telephone: 1-800-255-1479
Fax: 1-800-349-5444
International
Telephone: +1-708-873-2307
Fax: +1-708-349-5444
Internet: www.andrew.com

All designs, specifications and availabilities of products and services presented in this bulletin are subject to change without notice.

Bulletin TP-102032-EN (05/07)
© 2007 Andrew Corporation, Westchester, IL 60154 USA