

160 Silicone Rubber

DESCRIPTION

Electrical protecting tape for indoor or outdoor use, to protect splices, connections and end cables from contaminations such as oil, dust, moisture, weather, sunlight, etc. Excellent electric strength, moisture and chemical resistance and conformability. Used wherever the ultimate in conformability is required to provide problem free insulating over irregular surfaces or where protection is sought from contaminated environments. Can be used for any type of emergency hose repair, including exhaust lines, marine hose repairs, automotive hose repairs, plumbing repairs, replacement for heat shrinkable tubing. Excellent replacement for electrical tape on boats.

FEATURES

- Self-bonding silicone rubber wrap which readily adheres to itself when wrapped under tension. Fuses to form a homogeneous mass within 24 hours at room temperature. Applying heat after wrapping will shorten curing time.
- No adhesive; tape leaves no sticky residue.
- Clear polyethylene liner protects the tape from blocking.
- Capable of withstanding temperature variations from -65°F to +500°F.
- Excellent dielectric properties.
- **UV Resistant EXCELLENT – suitable for extreme conditions – provides longevity in field 5 years and longer (depending upon exposure conditions).**
- Waterproof.
- Chemical resistant.
- Resistant to salt water, sunlight, and fuels.
- Will not deteriorate like butyl rubbers, neoprene.
- Produced in two configurations – triangular and rectangular. Triangular, is thicker in the middle and tapers downward at each side with a line running along the apex of the tape. This acts as a guideline for succeeding wraps producing a uniform thickness layer.
- 20mil Rectangular version Meets MIL Spec A-A-59163 Type I (formerly MIL-1-46852C).
- 20mil Triangular version Meets MIL Spec A-A-59163 Type II (formerly MIL-1-46852C).

PHYSICAL PROPERTIES

Temperature	Continuous -60°C to 200°C
	Intermittent -65°C to 260°C
Dielectric Strength	400 volts per mil
Tensile Strength	700 PSI minimum
Backing	Silicone Rubber
Adhesive	None (self-bonding)
Elongation	300% min.
Thickness	Rectangular 20 mil / Triangular 20mil apex
Color	Black, Orange-red

Flame Resistance is Rated GOOD. Flammability Testing Per CPSC's ASTM F963-08.

The physical and performance characteristics shown are averages obtained from tests recommended by ASTM, government agencies or our own procedures. A particular roll may vary slightly from these averages and it is recommended that the purchaser determine the suitability for his own purpose.