

# Occupational Health and Safety

## Protect electrical components from corrosion

**Issue:** Moisture naturally corrodes electrical components, which reduces efficiency and can cause fire hazards by enabling electrical shorts.

**Application:** Protect wires and connections from moisture to prevent corrosion from occurring.

**Recommendation:** Corrosion protection tapes and unique cold-shrink products by 3M offer durable environmental seal and protection.

**3M**



**Instant Fusion!**

### Scotch® Self-Fusing Silicone Rubber Electrical Tape 70

High-temperature arc- and track-resistant tape used as a protective overwrap for terminating high-voltage cables

- **Excellent instantaneous fusion;** does not need to be held down
- **Easy-tear and easy-strip liner**
- **Workable** at extremely low temperatures
- **Excellent conformability and weathering** characteristics

No. 2A460



**Quick & Easy Protection!**

### Scotch® Rubber Mastic Tape 2228

Conformable, self-fusing insulating, padding and sealing tape on an easy release liner. Use on objects that need to be protected from adverse environmental conditions

- **Excellent adhesion and sealing** characteristics to metals, rubbers, synthetic cable insulations and jackets
- **Wide temperature stability**
- **Conformable and moldable** for easy applications over irregular surfaces
- **Designed to not crack** when subjected to repeated flexing
- **Fully compatible** with most semi-con jacketing materials

No. 4YT87



**Fast, Simple Installation!**

### 3M™ Cold Shrink Splicing Products

Designed using 3M's unique cold shrink delivery system

- **Safer to use** – no torches or heat required during installation
- **Seals out moisture** without adhesive or glue
- **Removable core** for efficiency and ease of installation

No. 4YT82

*\*Additional item information on the back of this page.*

# Occupational Health and Safety

## Protect electrical components from corrosion

### Scotch® Self-Fusing Silicone Rubber Electrical Tape 70

Grainger No.	Size	Thickness
2A460	1in x 30ft, (25mm x 9,1m)	12 mil

### 3M™ Mastic Tape

Grainger No.	Product	Size
4YT86	3M™ Scotch-Seal™ Mastic Tape 2229	1in x 10ft, (25mm x 3,05m)
4YT87	Scotch® Rubber Mastic Tape 2228	1in x 10ft, (25mm x 3,05m)

### 3M™ Cold Shrink Insulator

Grainger No.	3M Model No.	Conductor Sizes	Relaxed Tube Length
4YT82	8423-6	6 – 4 AWG	6 inches
4YT83	8424-8	10 – 1/0 AWG	8 inches
4YT84	8425-8	2 – 1/0 AWG	8 inches
4YT80	8426-9	2/0 – 250 KCMIL AWG	9 inches
4YT81	8427-12	250 – 400 KCMIL AWG	12 inches
4YT51	8428-12	500 – 800 KCMIL AWG	12 inches