

3M EMRO

1>Contact Resistant Improvement Kit-(Alnox Electrical Joint Compound, Scotchfil, Scotch 35)

- **Alnox Electrical Joint Compound:** Alnox is a low electrical resistance metallic paste used for increasing metal to metal contact points for low resistance connections.
- **Scotchfil Electrical Insulation Putty:** Self-fusing, insulating putty in tape form. Smooths over irregular shapes and pads sharp edges.
- **Scotch 35 Vinyl Electrical Tape:** Low voltage PVC vinyl electrical tape. Resists abrasion, corrosion, alkalies and acid. Use for phase identification and marking.

2>Sealing Tape-(Duct Tape, Polycoat tape)

- **Duct Tape:** It is a transparent tape used for protecting outdoor electrical equipment (Junction Box, Panels) from dust.
- **Polycoat tape:** These are tough fiberglass tapes coated on the top with thermoplastic resin to provide waterproofing properties and provided below with a special adhesive for high bonding to surfaces.

3>Cable Jacket Repair Kit-(Scotch 23, Scotchfil, Scotch 31)

- **Scotch 23:** High and low voltage insulation, self-fusing rubber tape. Primary electrical insulation for splicing all solid dielectric cables through 69kV.
- **Scotchfil Electrical Insulation Putty:** Self-fusing, insulating putty in tape form. Smooths over irregular shapes and pads sharp edges.
- **Scotch 31 Heavy Duty Mining:** Tough, abrasion-resistant backing laminated to a moisture sealing mastic for jacket repair on mining cables. MSHA-approved.

4>HT and LT Installation Tape-(Scotch 23, Scotch 130C, Scotch 35)

- **Scotch 23 Lined HT Insulation Tape:** High and low voltage insulation, self-fusing rubber tape. Primary electrical insulation for splicing all solid dielectric cables through 69kV.
- **Scotch 130C Linerless HT Insulation Tape:** High voltage insulating; thermally conductive; self-bonding. Primary electrical insulation for splicing all solid dielectric cables through 69kV.
- **Scotch 35 Vinyl PVC LT Insulation Tape:** Low voltage PVC vinyl electrical tape. Resists abrasion, corrosion, alkalies and acid. Use for phase identification and marking.

5> High-Temperature Fire Retardant Electric Arc Proofing Tape- (Scotch 70, Scotch 77, High-Temperature Tape)

- **Scotch 70 Silicone Rubber Tape:** Arc and track resistant; self-fusing, long-lasting silicone rubber. Protective overwrap for terminating high voltage cables against arcing and tracking.

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- **Scotch 77 Fire and Electric Arc Proof Tape:** Protects cable from arc and fire until limiting devices can interrupt the faulted circuit. Use on high-energy cables that are within 18" of other high energy cables.
- **High-Temperature Tape:** This tape acts as a heat shield and a flame barrier, this tape can withstand continuous temperature 600 degrees and can withstand thermal shock of 1000 to 2000 degrees.

6>Moisture Sealing Tape- (Scotch 2228): Self-fusing rubber based compound bonded to a moisture sealing mastic; all weather. Insulate, pad and seal bus bar and splice connections.

7>CCI Tube - To provide an over-wrap layer of electrical insulation as an animal or bird guard for cross-arm mounting brackets and 15-25 kV overhead conductors.

8>Insulation Barrier sheet- Use as Barrier between two live component.

9>Foam Gasket Tape- Use these tapes to protect the products from the elements of destruction. A wide variety of backing/adhesive combinations meet demanding applications requiring gasketing, baffling, cushioning, and insulating.

10>Aerosols- (Scotch 1602, Scotch 1605, Scotch 1633, Scotch 16-501, Scotch 1625)

- **Scotch 1602 Insulating Spray:** Fast drying sealers and insulators, These sealers protect surfaces against weather, moisture, corrosion, oil, alkalies and acids.
- **Scotch 1605 Dehumidifier:** Penetrates and displaces moisture forms a thin protective film and thus prevents the renewed ingress of moisture.
- **Scotch 1633 Rust Remover:** multi-purpose spray. It loosens rust, protects against moisture and renewed oxidation, can be used ideally as a lubricant, easily releases tightly sealed bolts, and has a high penetration capacity.
- **Scotch 16-501 Zinc Spray:** This spray is formulated to inhibit rust and corrosion of metal surfaces. It is suitable for use in transmission and distribution equipment including towers, transformers, light standards and other metal and galvanized surfaces.
- **Scotch 1625 Fast Drying Electrical Contact Cleaner:** Use for cleaning of electrical equipment