



1.0 BUTT CONNECTORS:

1.1 **Un-insulated Copper Compression Terminals:**

Burndy HYLUG™ terminals are designed for terminating copper conductors in a wide variety of electrical connections including heavy-duty industrial, utility and submersible. The connectors are manufactured from seamless high conductivity electrolytic copper tubing with heavy duty wall thickness which provides maximum conductivity, low resistance and ductility for an excellent combination of electrical and crimp forming properties. The connectors are electro-tin plated to provide a durable, long-lasting corrosion resistance and are UL LISTED 90° C, 600 volts to 35 kV and CSA certified to 600 volts.

1.2 **Product Features:**

- 1.2.1 Internally beveled barrel end: Ideal for 600 volt heavy duty applications. Also may be used at higher voltages up to 35KV.
- 1.2.2 Long barrel length: extruded semi-conducting
- 1.2.3 Four (4) center conductor stops: Provides a center wire stop for proper conductor insertion.

2.0 HEAVY WALL HEAT SHRINK TUBING:

2.1 3M™ ITCSN Heat Shrink Tubing is designed to provide reliable performance for electrical splices, connections, and terminations, as well as mechanical and environmental protection. ITCSN is fabricated from cross-linked polyolefin. The tubing is highly split resistant and fast shrinking to provide rapid installation. The tubing comes standard with a factory-applied adhesive/sealant. UL 486D — ITCSN Tubing was subjected to the requirements of UL 486D and passed all tests. ITCSN is UL Listed per UL 486D. CSA Certified.

2.2 **Product Features:**

- 2.2.1 Thick walls top resist puncture and abrasion damage.
- 2.2.2 Direct buried or submersible.

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- 2.2.3 Complete environmental protection.
- 2.2.4 Shrink ratio as high as 4:1.
- 2.2.5 Resists acids and alkalis.
- 2.2.6 Bonds to a wide variety of substrates.
- 2.2.7 Reliable and proven.
- 2.2.8 UV resistant.

Description:

Scotch® Linerless Rubber Splicing Tape 130C is a highly conformable, linerless, ethylene rubber (EPR), high-voltage insulating tape, formulated to provide excellent thermal dissipation of splice heat. The tape is designed for use in splicing and terminating wires and cables. Rated up to 90°C continuous operating temperatures and short-term 130°C overload service. The tape has excellent physical and electrical properties, which provide immediate moisture seals and void-free build-ups. This product can be used for low and high-voltage (through 69 kV) applications.

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Product Features:

- 2.4.1 Lineless, self-bonding, primary insulating tape rated through 69 kV.
- 2.4.2 High thermal conductivity.
- 2.4.3 Ethylene propylene base.
- 2.4.4 Excellent, moisture-sealing physical and electrical properties.
- 2.4.5 Designed to insulate splices and terminate cables whose overload temperatures can reach 130°C.
- 2.4.6 Physical and electrical properties unaffected by degree of stretch.
- 2.4.7 Compatible with common, solid dielectric cable insulation
- 2.4.8 Uniform tape unwind from roll.
- 2.4.9 Small roll size (O.D.).
- 2.4.10 Stable over wide application temperature range.
- 2.4.11 Weather resistant.