



Temflex™

1610 Vinyl Electrical Tape

Data Sheet

Product Description

Temflex™ 1610 Electrical Tape is a quality, economical, general purpose vinyl insulating tape available in 10 colors. Temflex 1610 is designed for use in phase identification, color coding of motor leads and piping systems and for marking safety areas. It has excellent resistance to abrasion, moisture, alkalies, acid and varying weather conditions (including sunlight). It is a polyvinyl chloride (PVC) tape that has high wet dielectric strength, is conformable, and provides excellent mechanical protection with minimum bulk.

Applications

Protective jacketing for high voltage cable splices and repairs.

- Harnessing of wires and cables
- For indoor or outdoor applications
- For above or below grade applications
- Color coded for job identification and safety
- 10 colors

Typical Data/Physical Properties

Test Method	Typical Value
Dielectric Strength*	
Standard Condition	>1000 V/mil (>39,4 kV/mm)
Thickness*	6 mils (0,15 mm)
Elongation*	200%
Breaking Strength*	16 lbs./in. (18,5 kg/cm)
Adhesion*	
To Steel	16 oz./in. (1,75 N/10 mm)
To backing	16 oz./in. (1,75 N/10 mm)
Colors	White, Black, Gray, Yellow Red, Orange, Green, Blue Brown, Green/Yellow

*ASTM D-1000 Test Methods

Installation Techniques

The tape shall be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. In most applications, this tension will reduce the tape's width to approximately 5/8 of its original width. On pigtail splices, the tape should be wrapped beyond the end of the wires and then folded back, leaving a protective cushion to resist cut-through. **Apply the tape with no tension on the last wrap to prevent flagging.**

Maintenance

Temflex 1610 Electrical Tape is stable under normal storage conditions.

Availability

Temflex 1610 Electrical Tape is available from your local 3M authorized electrical distributor.

Note: *These are typical properties and should not be used for specification purposes.*

3M and Temflex are trademarks of 3M.

IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

Warranty; Limited Remedy; Limited Liability. This product will be free from defects in material and manufacture as of the date of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any loss or damage arising from this 3M product, whether direct, indirect, special, incidental or consequential regardless of the legal theory asserted.**



Electrical Products Division

6801 River Place Blvd.
Austin, TX 78726-9000
www.3M.com/elpd

Litho in USA
©3M IPC 2000 78-8124-5363-3-B