



Temflex™ 1700C

Vinyl Electrical Color Coding Tape

Data Sheet

Product Description

Temflex 1700C Vinyl Electrical Color Coding Tape is an electrical grade polyvinyl chloride tape with a pressure sensitive rubber adhesive available in eight colors. Temflex 1700C is designed for use in phase identification, color coding of motor leads and piping systems, and for marking safety areas. This tape has excellent electrical insulating properties, wraps smoothly, conforms well and holds over a wide range of temperatures. It is an Underwriters' Laboratories Listed "Insulating Tape".

- UL listed; UL 510 Standard "Insulating Tape" (product category OANZ), File E129200.
- Polyvinyl chloride (PVC) backing.
- Pressure-sensitive rubber based adhesive.
- Color Coded for job identification and safety.
- Eight colors.

Typical Data/Physical Properties

Temperature Rating

UL 510 80°C (176°F)

Colors

Red, Yellow, Blue, Brown, Gray,
White, Green, Orange

Flammability

UL 510 Pass

Dielectric Strength*

Standard Condition >1000 V/mil
After Humidity
Condition >90% of Standard

Insulation Resistance*

>10⁶ Megohms

Thickness*

7 mils

Elongation*

150%

Breaking Strength*

14 lbs/in

Adhesion*

To Steel 16 oz/in
To Backing 16 oz/in

* ASTM D-1000

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

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 3/4 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.**

Shelf Life

Temflex™ 1700C has a five year shelf life (from date of manufacture) when stored under the following recommended storage conditions. Store behind present stock in a clean, dry place at a temperature of 70°F (21°C) and 40–50% relative humidity. Good stock rotation is recommended.

Availability

Temflex 1700C is available in standard roll size of 3/4 in. x 66 ft.

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