



# Temflex™ 1500

## Vinyl Electrical Tape



**RoHS**  
2002/95/EC  
**REACH**  
1907/2006/EC

### 1. Product Description

Temflex™ 1500 Electrical Tape is a good quality and general purpose PVC insulating tape. Available colors are: black, blue, brown, yellow, yellow/green, gray, orange, red, white, purple and green.

It has good resistance to: abrasion, moisture, alkalis, acid and varying weather conditions (including sunlight). It is a polyvinyl chloride (PVC) tape that has a high electric strength, is conformable and provides good mechanical protection with minimum bulk. Temflex™ 1500 is classified as IEC 60454-3-1-5/F-PVCP/90 and has VDE Marks License.

### 2. Applications

- Primary electrical insulation for all wire and cable splices and repairs.
- Harnessing of wires and cables.
- For indoor and outdoor applications

### 3. Typical Properties\*

<b>Thickness<sup>1</sup></b>	0.15 mm
<b>Elongation<sup>1</sup></b>	170 %
<b>Tensile Strength<sup>1</sup></b>	20 N/10 mm
<b>Adhesion to Steel<sup>1</sup></b>	1.8 N/10 mm
<b>Adhesion to Backing<sup>1</sup></b>	1.8 N/10 mm
<b>Temperature Rating<sup>2</sup></b>	90°C

### Resistance to Flame<sup>1</sup> Propagation

self-extinguishing  
(acc IEC 60454-2 19.5 part b)

**Electric Strength<sup>1</sup>** 40 kV/mm

**Electrolytic Corrosion<sup>3</sup>** A/B 1.8

**Insulation Resistance<sup>3</sup>** 10<sup>11</sup>Ω/25 mm

\*These are typical values and should not be used for specification purposes.

<sup>1</sup> IEC 60454-2

<sup>2</sup> IEC 60085, IEC 60216

<sup>3</sup> IEC 60426

### 4. Installation Technique

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 5/8 of its original width.

**Apply the tape with no tension on the last wrap to prevent flagging.**

### 5. Maintenance

Temflex™ 1500 Electrical Tape is stable under normal storage conditions.

### 6. Availability

Temflex™ 1500 Tape is available from 3M and your local 3M authorized electrical distributor.

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