



# Temflex™ 1500

## PVC Electrical Tape

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### 1. Product Description

Temflex™ 1500 Electrical Tape is a good quality and general purpose PVC insulating tape. 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.

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address  
before issue

Reference: BME32051422\_05  
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### 3. Typical Properties

Physical Properties	Typical Value
Colors	Black, Blue, Brown, Yellow, Yellow/Green, Grey, Orange, Red, White, Purple, Green
Thickness <sup>1</sup>	0,15 mm
Elongation <sup>1</sup>	170%
Tensile Strength <sup>1</sup>	20 N/10 mm
Adhesion to Steel <sup>1</sup>	1,8 N/10 mm
Adhesion to Backing <sup>1</sup>	1,8 N/10 mm
Temperature Rating <sup>2</sup>	0-90°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. User Information

#### 4.1 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 5/8 of its original width.

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

#### 4.2 Maintenance

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

#### 4.3 Availability

Please contact your local distributor.

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## 5. Additional Information

To request additional product information see address below.

### ***Important Notice***

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes.

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