



# Data Sheet

## Temflex™ 1500T

### PVC Electrical Tape

**REACH**  
1907/2006/EC

#### 1. Product Description

Temflex™ 1500T is an electrical insulating tape. It is an opaque PVC tape with a rubber-based pressure sensitive adhesive.

<b>Tensile Strength<sup>1</sup></b>	35 N/cm
<b>Adhesion to Steel<sup>1</sup></b>	1.5 N/cm
<b>Adhesion to Backing<sup>1</sup></b>	1.5 N/cm

<sup>1</sup> Test results according IEC 60454-2

#### 2. Applications

- Primary electrical insulation for all wire and cable splices and repairs
- Harnessing of wires and cables
- Jacketing spacer web materials placed over cable connections to ensure a sealing while this arrangement is filled with Scotchcast resin until resin is cured

#### 3. Typical Properties

<b>Operating Temperature</b>	-10 °C to +90°C
<b>Thickness<sup>1</sup></b>	0.15 mm
<b>Resistance to Flame Propagation<sup>1</sup></b>	self-extinguishing (acc IEC 60454-2 19.5 part b)
<b>Elongation at break<sup>1</sup></b>	300 %
<b>Electric Strength<sup>1</sup></b>	40 kV/mm

#### 4. Colors

Opaque; transparency > 80%;

#### 5. Installation Technique

The tape shall be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. Apply the tape with no tension on the last wrap to prevent flagging.

#### 6. Standard Sizes

50mm x 10m  
38mm x 20m

#### 7. Storage

Recommended Storage Conditions: 40-60% Humidity, 15°C-30°C

3M and Scotchcast are trademarks of 3M Company

#### Important Notice

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use. Any statements or recommendations of the Seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized office of the Seller. The statements contained herein are made in lieu of all warranties, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY; INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY; FOR ANY INJURY OR FOR ANY DIRECT; INDIRECT; INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS.

#### Electrical Markets Division

##### 3M United Kingdom PLC

##### Sales Office

PO Box 393  
Bedford MK41 0YE  
Telephone: 0870 609 4639  
Fax: 01234 229 433

##### 3M Ireland Ltd

##### Sales Office

The Iveagh Building, The Park,  
Carrickmines, Dublin 18, Ireland  
Telephone: (01) 800 812 732  
Fax: 353 1 280 3509

##### 3M United Kingdom PLC

##### Head Office

3M Centre, Cain Road  
Bracknell, Berkshire RG12 8HT  
Telephone: 01344 858 000  
Fax: 01344 858 758