

# 3M Data Sheet

## Temflex™ 1300

### PVC Electrical Tape

REACH  
1907/2006/EC

#### 1 Product Description

Temflex™ 1300 Electrical Tape is a good quality and general PVC insulating tape. Available colors are: black blue, brown, yellow, yellow/green, grey, red, white and green. This tape is RoHS compliant.

It has good resistance to: abrasion, moisture, alkalis, acids and varying weather conditions. It is a polyvinyl chloride (PVC) tape that has a good electric strength, is conformable and provides good mechanical protection with minimum bulk. Temflex™ 1300 is classified as IEC 60454-3-1-1/F-PVCP/60

#### 2 Applications

- Primary electrical insulation for all wire and cable splices and repairs
- Harnessing of wires and cables

#### 3 Typical Properties\*

<b>Thickness<sup>1</sup></b>	0,13 mm
<b>Elongation<sup>1</sup></b>	>150 %
<b>Tensile Strength<sup>1</sup></b>	>20 N/10 mm
<b>Adhesion to Steel<sup>1</sup></b>	1.7 N/10 mm
<b>Adhesion to Backing<sup>1</sup></b>	1.8 N/10 mm

**Temperature Rating<sup>1</sup>** 0 - 60°C

**Electric Strength<sup>2</sup>** >38 kV/mm

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

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

<sup>2</sup> IEC 60243

#### 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™ 1300 Electrical Tape is stable under normal storage conditions.

#### 6 Availability

Temflex™ 1300 Electrical Tape is available from 3M and your local 3M authorized electrical distributor in the following dimensions:  
15mm x 10m  
19mm x 20m

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