

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*

Thickness¹	0,13 mm
Elongation¹	>150 %
Tensile Strength¹	>20 N/10 mm
Adhesion to Steel¹	1.7 N/10 mm
Adhesion to Backing¹	1.8 N/10 mm

Temperature Rating¹ 0 - 60°C

Electric Strength² >38 kV/mm

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

¹ IEC 60454-2

² 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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