3M Data Sheet

Temflex™ 1300

Vinyl Electrical Tape

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.

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 good electric strength, is conformable and provides good mechanical protection with minimum bulk.

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*

Thickness[1]	0,13 mm
Elongation[1]	>125 %
Tensile Strength[1]	>20 N/10 mm
Adhesion to Steel[1]	1.7 N/10 mm
Adhesion to Backing[1]	1.8 N/10 mm
Temperature Rating[2]	90°C
Electric Strength[3]	>38 kV/mm

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

[1] IEC 60454-2
[2] IEC 60085, IEC 60216
[3] 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.

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