



Data Sheet

Temflex™ 1500

Vinyl Electrical Tape



RoHS
2002/95/EC
REACH
1907/2006/EC

1. Product Description

Temflex™ 1500 Electrical Tape is a good quality and general purpose PVC insulating tape. Available colors are: black, blue, brown, yellow, yellow/green, gray, orange, red, white, purple 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 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

3. Typical Properties*

Thickness¹	0.15 mm
Elongation¹	170 %
Tensile Strength¹	20 N/10 mm
Adhesion to Steel¹	1.8 N/10 mm
Adhesion to Backing¹	1.8 N/10 mm
Temperature Rating²	90°C

Resistance to Flame¹ Propagation

self-extinguishing
(acc IEC 60454-2 19.5 part b)

Electric Strength¹ 40 kV/mm

Electrolytic Corrosion³ A/B 1.8

Insulation Resistance³ 10¹¹Ω/25 mm

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

¹ IEC 60454-2

² IEC 60085, IEC 60216

³ IEC 60426

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™ 1500 Electrical Tape is stable under normal storage conditions.

6. Availability

Temflex™ 1500 Tape is available from 3M and your local 3M authorized electrical distributor.

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