



Temflex™ 1500

Vinyl Electrical Tape

Data Sheet

Product Description

Temflex 1500 Electrical Tape is a good quality, general purpose PVC insulating tape. Available colours are: black, blue, brown, yellow, yellow/green, grey, 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 dielectric 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 Licence.

Applications

Primary electrical insulation for all wire and cable joints and repairs. Harnessing of wire and cables. For indoor and outdoor applications.

Typical Data/Physical Properties

Physical Properties

Test Method	Typical Value
Thickness*	0.15mm
Elongation*	125%
Tensile Strength*	20 N/10mm
Adhesion*	
To Steel	2.4 N/10mm
To Backing	2.2 N/10mm
Temperature Rating*	90°C
Resistance to Flame Propagation*	Self extinguishing
Dielectric Strength*	40 kV/mm
Electrolytic Corrosion*	A/B 1.8

* IEC 60454-2

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

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.**

Maintenance

Temflex 1500 Electrical Tape is stable under normal storage conditions.

Availability

Scotch 710 Electrical Tape is available from your local authorised 3M distributor .

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