



# Temflex™ 1500

## Vinyl Electrical Tape

### Data Sheet

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#### 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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**3M UK PLC**  
**Electrical Products**  
3M Centre, Cain Road  
Bracknell, Berkshire RG12 8HT  
Telephone: 01344 858616  
Fax: 01344 858758

**3M Ireland**  
**Sales Office**  
3M House, Adelphi Centre  
Dun Laoghaire, Co Dublin, Ireland  
Telephone: 353 1 280 3555  
Fax: 353 1 280 3509

**3M UK PLC**  
**Sales Office**  
PO Box 393  
Bedford MK41 0YE  
Telephone: 01234 229462  
Fax: 01234 229433