

3M Data Sheet

Temflex™ 1300e

PVC Electrical Tape



1 Product Description

Temflex™ 1300e RoHS 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. Temflex™ 1300e is classified as IEC 60454-3-1-1/F-PVCP/60.

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.

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™ 1300e RoHS Electrical Tape is stable under normal storage conditions.

6 Availability

Temflex™ 1300e RoHS Electrical Tape is available from 3M and your local 3M authorized electrical distributor.

Temflex 1300e RoHS – Data Sheet

IMPORTANT NOTICE

All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

Any statements or recommendations of the Seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized office of the Seller.

The statements contained herein are made in lieu of all warranties, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY; INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY; FOR ANY INJURY OR FOR ANY DIRECT; INDIRECT; INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS.