

3M™ Temflex™ Vinyl Electrical Tape 150

Technical Data

May/2023

Product Description

3M™ Temflex™ Vinyl Electrical Tape 150 is a general use grade, nominal 0.13 mm thick electrical insulating tape composed of an elastic vinyl (PVC) film backing. Available in 9 colors.

Commonly used in these types of applications:

- Industrial, commercial and residential environments
- Marking of safety areas and equipment and phase coding
- Indoor and weather protected outdoor operations as determined by end-user where use of a professional grade vinyl electrical tape is not required
- For harnessing and bundling of wires and cable where minimum bulk is required

Typical Properties

Physical Properties	Typical Value ¹ Imperial (Metric)	Mechanical Properties	Typical Value ¹ Imperial (Metric)
Color-Visual	Black, Blue, Red, Yellow, White, Orange, Brown, Green, Grey	Thickness ³	0.13mm±10%
Adhesive	Rubber-based	Adhesion to steel ²	20oz/in (0.22N/mm)
Backing	Vinyl (PVC)	Adhesion to backing ³	20oz/in (0.22N/mm)
Flame Retardant ²	Pass	Tensile Strength ³	2500psi
Electrical Properties	Typical Value ¹ Imperial (Metric)	Elongation ³	200%
Dielectric Strength ²	1.2kV/mil		

Notes:

1. Not for specification. Values are typical, not to be considered minimum or maximum.
2. Flame retardant test method refers to UL510
3. ASTM D1000 test method-properties measured at room temperature 23°C unless otherwise stated.

Agency Approval & Self Certifications

- For Regulatory information including RoHS, REACH, please visit www.3M.com/regs

Installation Techniques

3M Temflex Vinyl Electrical Tape 150 shall be applied in half-lapped layers with sufficient tension to produce a uniform wind. On pigtail splices, the tape shall be wrapped beyond the end of the wires and then folded back, leaving a protective cushion to resist cut-through. Wrap tape up-hill, taping from a smaller diameter surface to a larger diameter surface. Apply the tape with no tension on the last wrap to prevent flagging.

Shelf Life & Storage

This product has a 2-year shelf life (from date of manufacture) when stored in humidity-controlled storage (10°C-27°C and <75% relative humidity)

勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力電子(上海) 86-21-34970699
勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>