



TemflexTM 500+ Vinyl Electrical Tape

Data Sheet

1. Product description

Temflex 500+ Vinyl Electrical Tape is a good quality and economical general purpose vinyl insulating tape. It is a polyvinyl chloride (PVC) tape that has a high dielectric strength, is conformable and provides excellent mechanical protection with minimum bulk.

2. Applications

- Harnessing of wires and cables.
- Protective jacketing for cable splices and repairs.
- Primary electrical insulation for wire and cable splices rated up to 600 volts.

3. Installation Techniques

The tape shall be applied in half-lapped layers with sufficient tension to conform and produce a uniform covering. On pigtail splices, the tape should be wrapped beyond the end of the wires and then folded back, leaving a protective cushion to resist cut-through. Apply the tape with no tension on the last wrap to prevent flagging.

4. Shelf-life

Temflex 500+ Vinyl electrical tape has a 5 year shelf-life (from date of manufacture) when stored under the following recommended storage conditions. Store behind present stock in a clean dry place at a temperature of 70°F and 40-50% relative humidity. Good stock rotation is recommended.

Typical Properties

Thickness	5 mils (0.130mm)
Elongation	140%
Breaking Strength	4 kgs/in
Dielectric Strength	5 kv
Adhesion* to Steel *ASTM D-1000	0.5 kg/in

*Note: There are typical properties and should not be used for specification purposes.

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