

# PT.45

## Polyester Film / Non-woven Electrical Tape

### General Description:

180 micron Polyester film/Non-woven laminate coated on one side with aggressive thermosetting rubber adhesive. Designed for use in holding and insulation applications during transformer and motor manufacturing.

### Product Features And Applications:

- Excellent electrical properties and thermal resistance
- Puncture resistance
- Excellent solvents and chemical resistance when thermoset
- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and anchoring leads for electrical transformers, coils, etc.



## Technical data sheet

|                                   |                      |
|-----------------------------------|----------------------|
| PRODUCT TYPE                      | Single coated        |
| BACKING TYPE                      | PET film/ Non woven  |
| ADHESIVE TYPE                     | Thermosetting Rubber |
| COLOR                             | White                |
| BACKING THICKNESS                 | 180 µm               |
| TOTAL THICKNESS                   | 235 µm               |
| PEEL ADHESION AT 180° ON STEEL    | 6.50 N/cm            |
| ROLLING BALL TACK                 | < 10 cm              |
| TENSILE STRENGTH                  | 45.00 N/cm           |
| ELONGATION AT BREAK               | 20 %                 |
| BREAKDOWN VOLTAGE                 | 5.00 kV              |
| THERMAL CLASS                     | 130 (B)              |
| SHORT TIME TEMPERATURE RESISTANCE | 160 °C               |
| ELECTROLITIC CORROSION            | 1                    |
| APPROVALS                         | UL file No. E178430  |
| SHELF LIFE                        | 12 months            |
| STANDARD LENGTH                   | 50 m                 |
| STANDARD WIDTH                    | 1280 mm              |

International Harmonized Test Methods: ASTM D-1000, PSTC, EN 60454-2

All statements and information listed above regarding this product are typical values for general guidance, these data have not to be intended as conformity specification. These suggestions are based on tests we believe reliable, but are not guaranteed for accuracy and completeness. The user must test, evaluate and validate this product before the use, assuming risks and liability of such use. This document may be revised without prior notice, the user who downloaded it will automatically be informed of any future revisions. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.