



Scotch®

2221 Electrical Tape

Data Sheet

Product Description

Scotch 2221 Tape provides excellent oil barrier and shows good stress control characteristics. It is a soft, self-fusing, oil resistant, elastomeric PU mastic tape on liner for medium voltage applications.

Applications

Scotch 2221 Tape is designed for oil barrier in oil paper insulated MV cable joints and terminations.

Typical Properties

Property	Typical Value
Colour	Grey
Thickness	1.5mm
Range of temperature	
Continuous operating temp.	90°C
Emergency operating temp.	130°C
Dielectric strength	18kV/mm
Dissipation factor 50 Hz	>0.2
Permittivity 50 Hz	>7.0
Volume resistivity	19 ⁹ Ohm.cm
Shore A Hardness	
(after 15x), 12-24h after compounding	8
Density	1.51%

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 very little tension to conform and produce a uniform covering. Follow the appropriate instruction drawing for joints or terminations.

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Maintenance

Scotch 2221 Tape is stable under normal storage conditions (21°C).

Availability

Scotch 2221 Tape is available from 3M and your local 3M authorised electrical distributor.