Preliminary data sheet

3M 1388Y-1 Tape

Polyester Film Tape with Electrical Insulation Grade
Non-Halogen Flame Retardant Acrylic Pressure-Sensitive Adhesive

Product Description

3M™ 1388Y-1 tape is an electrical insulating polyester film tape which meets non-halogen requirement and flame retardant requirements according to UL 510 method. It offers smooth unwinding and is suitable for use on automated equipment.

- Bromide content<900ppm; Total halogen content<900ppm
- 3M NHFR logo printed on backing for identification
- Printable
- Solvent resistant without thermosetting
- Excellent shelf life
- UL certificate is proceeding

Applications

3M™ 1388Y-1 Tape is especially suited for applications such as transformers, wrapping coils, capacitors, shaded pole motors, fractional horsepower motors and various electronic component insulations.

Typical Properties

Adhesive	Yellow color electrical grade acrylic
Backing	1 mil polyester film
Total Thickness	2.0 mils / 0.05 mm
Dielectric Breakdown	5000 Volts
Insulation Resistance @ 23 C & 96% RH, 96 hrs	>1.0 x 10 E+12 ohms
Breaking Strength	25 lbs. / in (44N/10mm)
Elongation (% at break)	100
Adhesion to Steel	30 oz/in (3.3 N/10mm)
Flame Retardant	Pass UL510 flame test
CTI	Group 1
ECF	1.0

Note: Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.