

# 3M 1098-1 Tape

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

### Product Description

3M™ 1098-1 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<1500ppm
- Green color non-halogenated flame retardant PSA adhesive on backing for identification
- Printable on backside
- Solvent resistant without thermosetting
- Excellent shelf life
- UL recognized temperature class 130 °C
- UL file number is E17385

### Applications

3M™ 1098-1 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	Green color electrical grade acrylic
Backing	1 mil polyester film
Total Thickness	2.0 – 2.4 mils / 0.050 – 0.060 mm
Dielectric Breakdown	5000 Volts
Insulation Resistance @ 23 C & 96% RH, 96 hrs <sup>(1)</sup>	>1.0 x 10 E+12 ohms
Breaking Strength	25 lbs./in (11.3 kg/in)
Elongation (% at break)	100
Adhesion to Steel	26 oz/in (0.74 kg/in)
Flame Retardant <sup>(2)</sup>	Pass UL510 flame test
CTI	Group II
ECF <sup>(3)</sup>	1.0

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

*Remark: (1)(2)(3) are in accordance to 3M internal test method*