3M™ Crepe Paper Electrical Tape 16 with Thermosetting Rubber Adhesive

Data Sheet **August 2021**

Product Description

3M™ Crepe Paper Electrical Tape 16 is a yellow, 9.5-mil (0.241 mm) thick tape composed of a 8-mil (0.203 mm) crepe paper backing coated on one side with a thermosetting rubber pressure-sensitive adhesive.

- Commonly used for banding coils and for cover on bobbin-wound coils
- Adhesive requires no heat, moisture or other manner of preparation to affect application
- Designed for continuous operation not exceeding 105°C (221°F)

Properties

Physical Properties	*Value Imperial (Metric)*
Color - Visual	Yellow
Adhesive	Thermosetting Rubber
Backing	Crepe Paper
Mechanical Properties	***Value Imperial (Metric)***
Backing Thickness - Nominal	8 mil (0.203 mm)
Total Thickness[1]	9.5 +/- 1.5 mils (0.241 +/- 0.038 mm)
Adhesion to Steel[1] - Minimum	30 oz/in (3.3 N/cm)
Breaking Strength[1]- Minimum	18 lb/in (31.5 N/cm)
Elongation[1]- Minimum	6%

Electrical Properties	*Value Imperial (Metric)*
Dielectric Breakdown[1]- Minimum	1500 V
Insulation Resistance[1]- Minimum	$1x10^5$ Ω

Notes:

1. ASTM D1000 Test Method - properties measured at room temperature 73°F (23°C) unless otherwise stated

Agency Approvals & Self Certifications

- For Regulatory information including RoHS, REACH, please visit www.3M.com/regs

Shelf Life & Storage

This product has a 5-year shelf life (from date of manufacture) when stored in humidity-controlled storage (50°F/10°C to 80°F/27°C and <75% relative humidity).

Availability

3M™ Crepe Paper Electrical Tape 16 available from 3M authorized distributors/converters

Also available from 3M.com/oem or call 1.800.245.3573.

TECHNICAL STATEMENT

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