



3M™ EMI Embossed Copper Shielding Tape 1245, 1/2 in x 18 yd (12.70 mm x 16.5 m), 18 per case

Part Number 1245-1/2"X18YD, 3M ID 80018002750, UPC 00054007275527

Overview



- Embossed, copper foil backing resists discoloration and oxidation [More...](#)

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Specifications

Details

Resources

Specifications

Attribute Name

Value

Adhesion to Steel oz/in (N/100 mm) 35 (38)

Adhesive Type Conductive-Through-Adhesive

Agency Approvals Flame Retardant , UL Recognized

Backing Material Foil, Copper, Embossed

Backing Thickness 1.4 mil

Breaking Strength 25 lb/in

Connection Resistance Excellent (<= 0.001 ohm)

Length 18 Linear Yard

Length (Metric) 16.5 m

Material Embossed Copper Foil

National Stock Number 5999012084833

Product Markets Electrical Equipment Manufacturing

Product Type EMI Shielding Tape

RoHS 2011/65/EU Compliant **Yes**

RoHS EU Comments **RoHS 2011/65/EU compliant without exemption**
***Important RoHS information**

Shielding Effectiveness **Excellent (>85dB)**

Size **0.50 in. x 18 yd.**

Tape Type **EMI Shielding Tapes for Equipment Manufacturing**

Thickness **4 mil**

Thickness (Metric) **0.1 mm**

Width **0.5 Inch**

Width (Metric) **1.2**

Details

- Embossed, copper foil backing resists discoloration and oxidation
- Offers stable contact resistance and good shielding effectiveness
- Embossed backing cuts through the layer of adhesive for establishing contact between the backing and the application substrate
- Tape measures 1/2 in x 18 yds x 4 mil
- Flame-retardant and suitable for grounding and EMI shielding in equipment, components and shielded rooms
- Comes on a removable liner for easy die-cutting and handling
- Rated for 600V applications
- UL Listed and RoHS 2011/65/EU Compliant
- 18 rolls/case

3M™ Tape 1245 is a 4-mil thick, acrylic adhesive EMI shielding tape. This flame-retardant tape is designed for applications that require excellent electrical conductivity. It comes on a removable liner for easy die-cutting and handling. The tape is rated for 600V dry applications.

3M™ Tape 1245 Shielding Tape has embossed, deadsoft, copper foil backing with a pressure-sensitive, acrylic adhesive that ensures firm adherence. The conductivity of the adhesive used in the tape offers good shielding effectiveness and stable contact resistance. The copper foil backing of the tape offers excellent resistance against oxidation and discoloration. Contact between the backing and the application substrate is established when the embossed backing edges cut through the adhesive layer. This flame-retardant tape is designed for grounding and EMI shielding in equipment, components and shielded rooms. UL Listed and RoHS 2011/65/EU Compliant.

Resources

Brochure

[Tech Brief: Comparative Tracking Index Test \(PDF, 532.2KB\)](#)

[Insulation for Transformer, Applications Guide \(PDF, 415.0KB\)](#)

Data Sheet

[Tape 1245 \(PDF, 18.1KB\)](#)

Info

[General Rules for Shelf Life Statements \(VND.MS-EXCEL, 21.5KB\)](#)

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