



3M™ EMI Embossed Copper Shielding Tape 1245, 1 in x 18 yd (25.40 mm x 16.5 m), 9 per case

Part Number 1245-1"X18YD, 3M ID 80018000309, UPC 00054007275312

Overview

Specifications

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- 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 in x 18 yds x 4 mil

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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	5999013252864, 7510012590801
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 <u>*Important RoHS information</u>
Shielding_Effectiveness	Excellent (>85dB)
Size	1 in. x 18 yd.
Tape_Type	EMI Shielding Tapes for Equipment Manufacturing
Thickness	4 mil
Thickness_metric	0.1 mm
Width	1 Inch
Width_metric	2.5

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 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
- 9 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

[3M™ Insulating and Conductive Tapes Product Bulletin \(PDF, 6.6MB\)](#)

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

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

Data Sheet

[Tape 1245 \(PDF, 20.9KB\)](#)

Info

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

3M United States

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