



Electronics

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3M™ Embossed Copper Foil Shielding Tape 1245

Part Number 1245

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3M™ Embossed Copper Foil Shielding Tape 1245 has a 1.4-mil embossed copper foil backing with acrylic pressure-sensitive adhesive and liner. Embossing makes excellent contact through the adhesive. The unplated copper is for non-corrosive conditions.

- Dead soft 1-ounce (1.4-mil) copper foil backing for good shielding effectiveness, soldering and converting (slitting and die cutting).
- UL recognized flame-retardancy per UL 510 for applications needing this property.
- Embossed pattern through adhesive provides very low contact resistance between the substrate and the backing to drain static charge.
- Acrylic pressure-sensitive adhesive has good resistance to heat, oxidation, solvents and oils.
- Removable liner makes it easy to handle and die cut complex shapes.
- There are both standard and custom roll widths and lengths to meet a variety of application needs.

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Overview

Documents

Specifications

Adhesive Type	Single-Sided Acrylic PSA with Emboss Conductive Thru Adhesive
Application Category	EMI/EMC Applications
Applications	EMI Shielding , Grounding , LV Conductor
Backing Thickness	1.4 mil
Backing Thickness (metric)	0.036 mm
Backing Type	Embossed
Product Series	1245
Shielding Effectiveness	85 @ GHz (dB)
Tape Type	Copper Foil
Total Tape Thickness without Liner	4 mil
Total Tape Thickness without Liner (metric)	0.102 mm