



3M™ EMI Embossed Aluminum Shielding Tape 1267 with Non-Conductive Acrylic Adhesive

www.marianinc.com
1-800-773-0062

Data Sheet June 2021

- Product Description** 3M™ EMI Embossed Aluminum Shielding Tape 1267 is a 4.95-mil (0.126 mm) thick tape composed of a 2.0-mil (0.051 mm) embossed aluminum foil backing coated on one side with a non-corrosive, non-conductive acrylic pressure-sensitive adhesive supplied on removeable liner.
- Embossed pattern cuts through adhesive to establish z-axis contact between the aluminum foil backing and application substrate
 - Commonly used for grounding, EMI shielding in equipment, components and shielded rooms
 - Can be die-cut and offers a multitude of uses in electrical design and test laboratories for prototyping, design and troubleshooting
 - Adhesive requires no moisture, solvents, heat or other manner of preparation to affect application
 - Flame Retardant per UL-510A Standard

Properties

| Physical Properties | Value Imperial (Metric) | Electrical Properties | Value Imperial (Metric) |
|------------------------------------------|-------------------------------------------|---------------------------------------------------------------------|----------------------------|
| Color - Visual | Silver | Electrical Resistance ⁴ - Maximum | 0.0075 Ω/in ² |
| Adhesive | Non-Conductive Acrylic | Shielding Effectiveness ³ - Average 300 kHz – 2.5 GHz | 64 dB |
| Backing | Aluminum Foil - Embossed | | |
| Flame Retardant ² | Pass | | |
| Mechanical Properties | Value Imperial (Metric) | | |
| Backing Thickness - Nominal | 2.0 mil (0.051 mm) | | |
| Total Thickness ¹ | 4.95 +/- 0.65 mils (0.126 +/- 0.17 mm) | | |
| Adhesion to Steel ¹ - Minimum | 30.2 oz/in (3.3 N/cm) | | |
| Breaking Strength ¹ - Minimum | 14 lb/in (25 N/cm) | | |

Notes:

1. ASTM D1000 Test Method - properties measured at room temperature 73°F (23°C) unless otherwise stated
2. UL Recognized Flame Retardant per UL510A Standard, Category OARC2, File No. E17385
3. ASTM D4935 Test Method - properties measured at room temperature 73°F (23°C) unless otherwise stated
4. Test Method: MIL-STD-202 Method 307 maintained at 5 psi (3.4 N/cm²) measured over a 1 in² surface area

Shielding Effectiveness Many factors determine the true shielding effectiveness of a shielding tape, including type and thickness of foil, adhesive type, intimacy of contact, smoothness of application surface, frequency of the EMI signal, etc.

- Agency Approvals & Self Certifications**
- UL Component Recognized: UL510A Standard, Category OARC2, File No. E17385
 - 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™ EMI Embossed Aluminum Shielding Tape 1267 available from 3M authorized distributors / converters

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

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TECHNICAL STATEMENT

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3M

Electrical Markets Division

13011 McCallen Pass, Bldg. C

Austin, TX 78753

Phone: 800.676.8381

www.3M.com/oem

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