1125 Tape

Copper Foil with Acrylic Adhesive

Data Sheet

Product Description

3M™ 1125 Tape consists of a 1-ounce rolled copper foil with an acrylic, pressure-sensitive adhesive.

- 1-ounce copper foil backing
- Acrylic adhesive with excellent bond strength
- Supplied on a removable liner for easy handling and diecutting
- Meets flame spread requirement of UL510

Applications

3M 1125 tape is typically used in a variety of EMI/RFI shielding applications such as shielding small electromagnetic components, repair and modification of printed wiring boards, flat conductor assemblies, prototype designs, supplementary shielding of joints and seams and shielding cable splices.

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, strength and frequency of the EMI signal, etc. However, using standard tests and fixtures, it is possible to determine a value for the attenuation.

Typical Properties	Typical Values
Adhesive	Acrylic
Backing	Copper
Backing Thickness	1.4 mil (0.04mm)
Total Thickness[1]	3.5 mils (0.088mm)
Color	Copper
Flame Retardancy[2]	Pass
Breaking Strength[3]	25 lbs/in (44N/10mm)
Elongation[4] (% at break)	5%
Adhesion to Steel[4]	40 oz/in (4.4N/10mm)

Note: Typical properties are not recommended for specification purposes. Product specifications will be provided upon request.

Footnote: 1 Test Method ASTM D1000
2 UL Recognized for flame retardancy per UL 510, Product Category OANZ2, File E17385.
3 Test Method ASTM D3759
4 Test Method ASTM D3330

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IMPORTANT NOTICE

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

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