

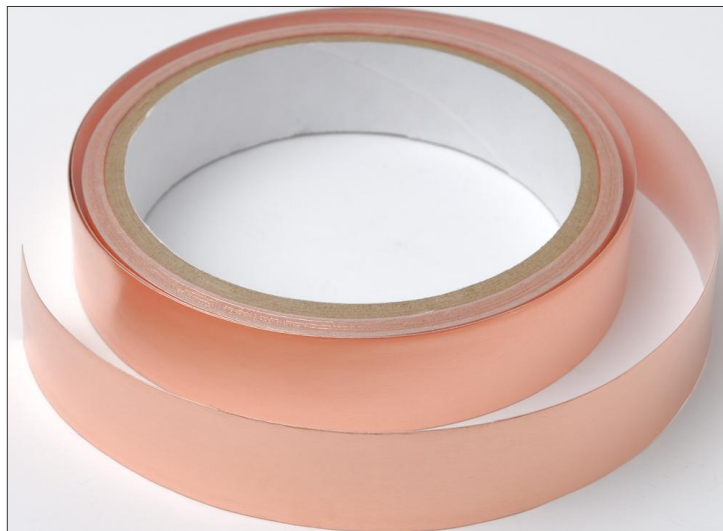
Conductive Shielding Tape

Product Overview

Uvox Conductive Shielding Tape is a metallic foil supplied with an electrically-conductive pressure-sensitive adhesive on one side.

The adhesive is acrylic-based and contains a filler that provides low electrical resistance through the adhesive to the foil. This tape is therefore suitable for many grounding and EMC applications. Our high-quality liner makes this tape very easy to handle and apply.

Uvox Conductive Shielding Tape is available from stock in standard roll format and can be die cut per specification.



Options

We offer the following options for customisation of the shielding tape:

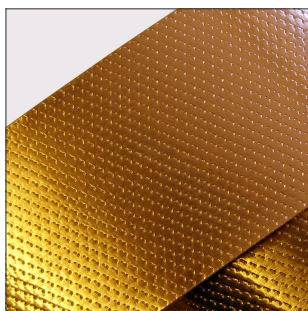
- ▶ Die-cutting
- ▶ Laminating
- ▶ Printing
- ▶ Embossing

Variants

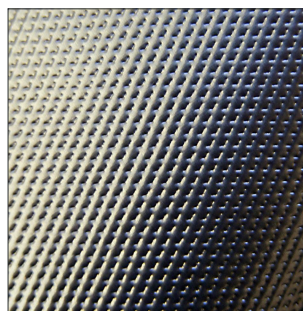
We offer four standard variants;

- ▶ **PC** - Plain Copper
- ▶ **PCE** - Embossed Plain Copper
- ▶ **TC** - Tinned Copper
- ▶ **TCE** - Embossed Tinned Copper

All variants are solderable. Tinned copper is recommended for long-term surface stability. Embossed versions are used where foil needs bending to shape or for lowest point contact resistance.



[Fig.1] - Embossed Plain Copper



[Fig.2] - Embossed Tinned Copper

Conductive Shielding Tape

Specification

Typical Properties	
Resistance through tape and adhesives	0.1 Ω/cm^2
Shielding effectiveness (typically)	50 to 55 dB up to 1 GHz
Foil thickness (excluding adhesive)	0.35 mm
Adhesive thickness	0.25 mm
Adhesive	Synthetic Resin
Temperature Range	-20 to +155 °C
Tensile strength	55 N/cm
Peel Strength	4.5 N/cm
Release Material	Siliconised paper

Product Selection Code

		<u>CST</u> - <u>TCE</u> - <u>0200</u>
Product Name	Conductive Shielding Tape	
Material	Material Code	
Reel Width	Width (mm x 10)	

Above example: 20mm wide, Embossed Tinned Copper.

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T/DS/CST/02003