

3M 1194 Copper Foil Shielding Tape is manufactured from a very thin layer of dead-soft copper coated on one side with a non-conductive adhesive. The acrylic, pressure-sensitive adhesive is very aggressive and bonds well to most surfaces and materials.

3M 1194 Copper Foil Shielding Tape is flame retardant and has a total thickness of just 0.066mm (0.04mm of which is made up of the copper backing). The copper foil backing can be soldered and resists oxidation and discolouration.



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Applications

- EMI Shielding
- Grounding equipment

Property	Value
Backing	Dead-soft Copper Foil
Adhesive Type	Non-Conductive Acrylic Pressure Sensitive Adhesive
Colour	Copper
Backing Thickness	0.04mm
Total Thickness	0.066mm
Breaking Strength ¹	44 N/10mm
Adhesion to Steel ¹	4.4 N/10mm
Flame Retardancy ²	Pass

¹ Test Method ASTM D 1000

² UL Recognised for Flame Retardancy per UL 510, Product Category OANZ2, File E17385

Technical Details

Available Sizes

Standard Roll Widths and Length

- 6mm
- 9mm
- 12mm
- 15mm
- 18mm
- 21mm
- 24mm

All rolls are 33 Metres long.

Custom sizes, lengths and request

We're always happy to help with special requirements. If you require die cut components or a special sized tape version of 3M 1194 Copper Foil Shielding Tape please do let us know. We'll do our very best to help in any way we can.

3M is a registered trademark of 3M.

Important

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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