

## RFI/EMI Foil Shielding Tapes

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)**Product Description**

3M 1181 Tape consists of a 1-ounce deadsoft copper foil backing and a unique electrically conductive pressure-sensitive acrylic adhesive.

- Deadsoft 1-ounce copper foil backing
- Conductive acrylic adhesive
- Supplied on a removable liner for easy handling and diecutting

Like all 3M shielding tapes, 3M 1181 is available in standard and custom widths and lengths. Standard length is 18 yards.

- Widths from 1/4" to 23"

- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

**Applications**

3M 1181 Tape is typically used for applications requiring excellent electrical conductivity from the application substrate through the adhesive to the foil backing. Common uses include grounding and EMI shielding in equipment, components, shielded rooms, etc. The copper foil backing is solderable and resists oxidation and discoloration.

Part No.	Product No.	Manufacturer	Description	Tape type	Material	Length/Roll	Width(mm)	Total thickness(mm)	Backing thickness(mm)
4065	T11810100	3M	Conductive Copper Foil Tape	1181	Plain Copper foil, conductive adhesive, solderable.	30M	10mm	0.07mm	0.04mm
10873	T11810150	3M	Conductive Copper Foil	1181		30M	15mm	0.07mm	0.04mm
5214	T11810200	3M	Conductive Copper Foil	1181	Plain Copper foil, conductive adhesive, solderable.	30M	20mm	0.07mm	0.04mm
5215	T11810250	3M	Non-Conductive Copper Foil	1181	Plain Copper foil, conductive adhesive, solderable.	30M	25mm	0.07mm	0.04mm
16621	T11810500	3M	Conductive Copper Foil	1181	Plain Copper foil, conductive adhesive, solderable.	30M	50mm	0.07mm	0.04mm

**Product Description**

3M 1182 Tape consists of a 1-ounce deadsoft copper foil backing that is coated on both sides with a unique electrically conductive pressure-sensitive acrylic adhesive.

- Deadsoft 1-ounce copper foil backing
- Conductive acrylic adhesive on both sides
- Supplied with removable liner on both sides for easy handling and diecutting

Like all 3M shielding tapes, 3M 1182 is available in standard and custom widths and lengths. Standard length is 18 yards.

- Widths from 1/4" to 23"

- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

**Applications**

3M 1182 is typically used to bond two surfaces together, both electrically and physically. An example would be adhering a conductive gasket to a conductive surface as part of the EMI shielding solution for an electronic enclosure.

Part No.	Product No.	Manufacturer	Description	Tape type	Material	Length/Roll	Width(mm)	Total thickness(mm)	Backing thickness(mm)
5220	T11820100	3M	Double Sided Conductive Copper Foil Tape	1182	Plain Copper foil, conductive adhesive on both side of foil, solderable.	16.5M	10mm	0.09mm	0.04mm
5221	T11820150	3M	Double Sided Conductive Copper Foil Tape	1182	Plain Copper foil, conductive adhesive on both side of foil, solderable.	16.5M	15mm	0.09mm	0.04mm
18639	T11820500	3M	Conductive Copper Foil	1182	Plain Copper foil, conductive adhesive on both side of foil, solderable.	16.5M	50mm	0.09mm	0.04mm

**Product Description**

3M 1194 Tape consists of a 1-ounce deadsoft copper foil backing and an aggressive nonconductive pressure-sensitive acrylic adhesive.

- Deadsoft 1-ounce copper foil backing
- Nonconductive acrylic adhesive
- Supplied on a removable liner for easy handling and diecutting

Like all 3M shielding tapes, 3M 1194 is available in standard and custom widths and lengths. Standard length for 3M 1194 is 36 yards.

- Widths from 1/4" to 23"

- Longer lengths up to several times normal length, dependent upon width. Check with Customer Service.

**Applications**

3M 1194 Tape is typically used for applications requiring economical electrical bonding, grounding, and EMI shielding. The copper foil backing is solderable and resists oxidation and discoloration.

Part No.	Product No.	Manufacturer	Description	Tape type	Material	Length/Roll	Width(mm)	Total thickness(mm)	Backing thickness(mm)
5217	T11940100	3M	Non-Conductive Copper Foil	1194	Plane Copper foil, electrically non-conductive adhesive. Total thickness 0.08mm	33M	10mm	0.08mm	0.04mm
5219	T11940150	3M	Non-Conductive Copper Foil	1194	Plane Copper foil, electrically non-conductive adhesive. Total thickness 0.08mm	33M	15mm	0.08mm	0.04mm
4066	T11940200	3M	Non-Conductive Copper Foil	1194	Plane Copper foil, electrically non-conductive adhesive. Total thickness 0.08mm	33M	20mm	0.08mm	0.04mm

