

# CONDUCTIVE FOIL TAPES

## TF Shielding

Our range of conductive foil tape offers a cost-effective solution to EMC shielding. Tapes are available in both copper and aluminium with a conductive adhesive. The tapes can be used to seal joints on enclosures and for ground termination between panels on shielded rooms.

### Bake & Peel Conductive Foil Tape:

Bake & Peel foil tape provides an effective alternative to selective plating or chromate conversion on painted surfaces.

The foil tape, which comes with a conductive adhesive backing, is fixed in place prior to painting. Once painting and baking are completed, the peel off mask can be removed to expose a conductive foil surface to which an EMC gasket can be fixed.

Temperature specification (baking) 1 hour at 200°C.



### Specification:

| PART NUMBER | DESCRIPTION                    | MATERIAL THICKNESS | ADHESIVE THICKNESS | PEEL ADHESION | ELECTRICAL RESISTANCE |
|-------------|--------------------------------|--------------------|--------------------|---------------|-----------------------|
| TF-1000     | Aluminium 'Bake & Peel' Tape   | 0.05mm             | 0.04mm             | 1060          | <0.03 Ohms            |
| TF-2000     | Copper 'Bake & Peel' Tape      | 0.05mm             | 0.04mm             | 1080          | <0.03 Ohms            |
| TF-4000     | Conductive Aluminium Foil Tape | 0.05mm             | 0.04mm             | 1060          | <0.05 Ohms            |
| TF-5000     | Conductive Copper Foil Tape    | 0.05mm             | 0.04mm             | 1050          | <0.04 Ohms            |

### How to order:

Specify: *Series - Part number*

| SERIES                   | PART NUMBER                                   |
|--------------------------|---|
| TF=Conductive Foil Tapes | 1013=13mm wide Aluminium 'Bake and Peel' Tape |
|                          | 1025=25mm wide Aluminium 'Bake and Peel' Tape |
|                          | 2013=13mm wide Copper 'Bake and Peel' Tape    |
|                          | 2025=25mm wide Copper 'Bake and Peel' Tape    |
|                          | 4013=13mm wide Conductive Aluminium Foil Tape |
|                          | 4025=25mm wide Conductive Aluminium Foil Tape |
|                          | 4050=50mm wide Conductive Aluminium Foil Tape |
|                          | 5013=13mm wide Conductive Copper Foil Tape    |
|                          | 5025=25mm wide Conductive Copper Foil Tape    |
|                          | 5050=50mm wide Conductive Copper Foil Tape    |

### Example:

TF-1025 is 25 mm wide Aluminium 'Bake and Peel' tape.

### Notes:

Standard roll is 25m for bake & peel versions.  
Standard roll is 50m for plain foil versions.  
Please contact us for preferred stock items.



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