



## **Conductive Foil Tapes and Masking Tapes**

EMI are pleased to be able to offer a wide range of conductive foil tapes designed specifically for EMI/RFI, ESD and grounding applications. We have further developed these basic foil tapes into a range of conductive masking products including tapes and gaskets which we call "Bake and Peel".

The standard range of foil tapes are all coated with F2525 Silver filled acrylic adhesive which has extremely low electrical resistance and are as follows:-

F384 - High tensile Copper foil, readily accepts solder.

F385 - Tin Clad Copper foil, readily accepts solder, corrosion resistant.

F386 - High tensile Aluminium foil, high conformability for complex and intricate applications.

F577 - High tensile copper foil, readily accepts solder, Uses a Carbon adhesive for low cost solutions.

From these base tapes we have successfully produced a unique range of conductive masking products that allows you to get away from the more expensive costs of plating and coating. If your product requires a truly conductive area to be left available after spraying or coating that is also aesthetically pleasing then this product is a must.

Our range of conductive masking tapes and gaskets come under the general name of 'Bake & Peel Products' and are simplicity itself to use. Tell us the size or area you wish to leave conductive, allow about 1.5mm either side for your coating to overlap on, as this seals the strip in and prevents corrosion. Place the strip or gasket in position, smooth the foil down, spray/coat the area, bake it, allow it to cool to ambient temperature and then peel the protective mask away to leave your conductive landing area.

To further aid our customers we have developed a range of protective masks that will delaminate at different temperatures so that you can eliminate the potential problems that sometimes occur with other manufacturers tapes. These problems have been experienced when companies have needed to bake components at low temperatures, as they have electronic components already installed, and because the tape fails to reach a high enough temperature the adhesive does not de-activate and so the mask pulls the foil away at the same time. The other problem some companies have experienced is baking at high temperature when either the masking tape has caught fire or the conductive adhesive has cured off totally so that it no longer adheres to the product. EMI offer you the confidence of knowing that you will get the right product, and as with all our products, the right price.

Full data sheets are available on request.

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