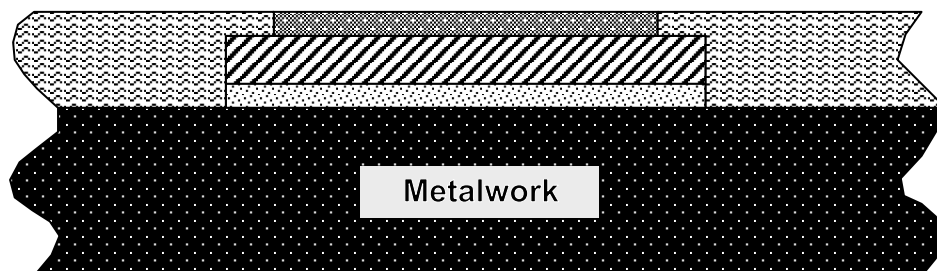
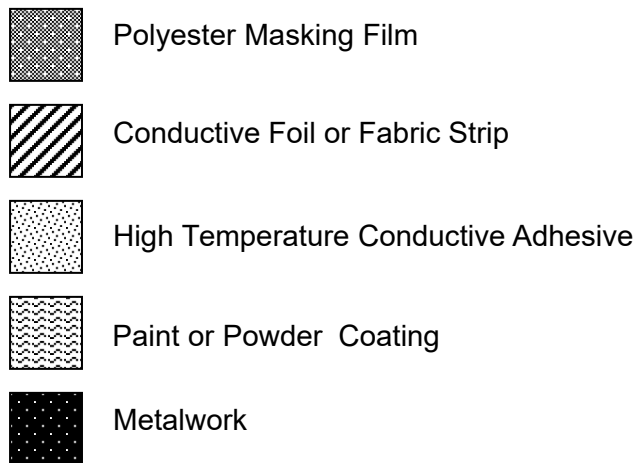


# Bake & Peel Tape

## What is “Bake & Peel” Easy Peel Masking Tape and why do you need it?

In the past, many companies have suffered from reduced or diminishing attenuation figures through problems like oxidation and so have had to resort to processes like chromate conversion or paint stripping an area after painting, to eliminate this. We have developed a tape that is designed to withstand the rigors of powder coating or painting and leave a highly conductive, non-corroding landing area to ensure optimum conductivity between metal faces and seals.

“Bake & Peel” Easy peel masking tape uses either a conductive foil or our Met-cloth Fabric with an aggressive conductive adhesive on one side and a polyester film mask laminated to the other side. This polyester film is inset by approximately 1 to 1.5mm each side of the foil. Once the foil is applied and the metalwork has been painted or coated the film mask is removed. As the paint overlaps the foil, it seals the edges, preventing moisture ingress. Oxidation is minimised by the inert surface of the foil or fabric and a highly conductive, aesthetically pleasing corrosion resistant area is left after removal of the easy peel polyester mask center strip. Bake & peel tape enables you to minimise costs whilst maximising shielding effectiveness and aesthetic qualities.



## By using Bake & Peel tape you will:

1. Eliminate the need for retro-paint striping.
2. Achieve a single application process as opposed to a mask/strip/re-mask process.
3. Reduce your labour costs.
4. Eliminate the risk of future corrosion as associated with a bared untreated surface.
5. Maintain high shielding attenuation levels by reducing oxidisation.
6. Remove the need for costly plating.
7. Achieve a highly aesthetic finish.

## Applications Guidelines - Bake & Peel Tape

1. Ensure the surface, to which the Bake & Peel is to be applied, is clean and dry. If the surface is contaminated, clean with a clean lint free cloth and Methyl Ethyl Ketone or similar. Apply moderate pressure to the Bake & Peel tape, when in position, with a rubber roller to ensure correct adhesion to the surface. Allow to stand for a minimum of 1 hour, (but ideally 24 hours) at room temperature before handling or processing.

2. Paint or powder coat the surface in the normal way ensuring that the Bake & Peel tape is also covered.

3. Bake the equipment ideally for 5 to 60 minutes at 220°C to 350°C.

4. Remove the Bake & Peel tape as soon as the painted area has cooled to room temperature. (This will allow easy removal of the “Easy Peel” center strip and will reduce the risk of the paint cracking during removal of the strip). It is also important that the mask is peeled back at an angle as close to 180° as possible to reduce the possibility of the foil also being pulled off the surface.

## Please note

**Bake & Peel Tape is available in an infinite range of widths and landing areas, so please ensure that you state the overall “Width” of the foil or Fabric you require, along with the “Landing” area you require, followed by the temperature range. (The landing area is typically 1 - 1.5mm narrower than the foil or Fabric to ensure good edge sealing).**

The information above is supplied in good faith and believed to be correct. This information is supplied upon the condition that persons receiving this will make their own determination as to its suitability for their purposes prior to use. EMI makes no representations or warranties, either expressed or implied with respect to the information or the product to which this information refers.

EMI-B&P Complete Issue 21 Dated 08-23

