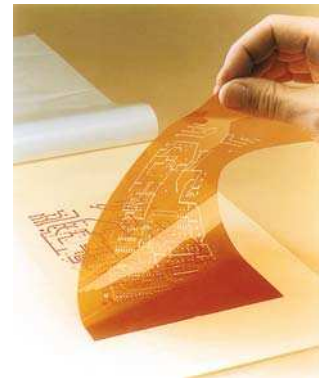


# Orange Dry Peel Film Processing Instructions

**800-310      10" x 12"      10 sheet pack**  
**800-320      12" x 20"      5 sheet pack**



## **PROCESSING TECHNIQUE USING A NEGATIVE ARTWORK TO PRODUCE A POSITIVE FINAL IMAGE**

### **1 .NEGATIVE ARTWORK.**

An emulsion side down **negative** artwork should be used. To aid peeling at least two connecting edges/sides of the Orange Dry Peel Film should be masked during exposure. Most negatives will already have two opaque edges. Ideally these opaque edges should be 25mm wide. This may reduce the total usable area of the original sheet of Orange Dry Peel Film.

### **2 .UV EXPOSURE**

A piece of Orange Dry Peel Film should be placed in a UV unit with the dull side down and the glossy side facing upwards (tubes in lid UV - opposite if tubes in base UV is being used).

If the artwork negative does not mask two connecting sides of the Orange Dry Peel Film then extra masking with strips of opaque film or thick opaque paper should be laid on top of the negative artwork / Orange Dry Peel Film. Ideally the resulting masked edges should be at least 25mm wide. The Orange Dry Peel Film is then exposed to UV. The exact exposure time should always be determined for the particular UV unit being used via trial and error with a small test strip. As a guide using a typical bench top, flat bed, UV, with a good quality opaque artwork, **an ideal exposure time would be 10-15 seconds**. With Laser printer generated artworks where the black areas (toner) may not be completely optically dense the exposure time can be reduced down to compensate.

### **3 .PEELING OF ORANGE DRY PEEL FILM**

After exposure the film is laid flat and smoothed out onto the adhesive covered Peeling Board. (As for positive overleaf).

The top layer is then peeled off. To do this, the corner of the top layer in-between the two masked edges/sides is picked up. This is grasped between the thumb and forefinger and in the opposite direction of the peeled corner, in one complete action **without stopping or hesitation** the top layer peeled away. This should be in one complete action, without stopping, and without the hand being raised in the air, but being kept low and parallel to the Peeling Board during the peeling process. The top peeled away layer will then be a positive image of the original negative artwork with the emulsion side underneath.



#### **Mega Electronics Limited.,**

Mega House, Grip Industrial Estate, Linton, Cambridge. England. CB1 6NR

Telephone: +44 (0) 1223 893900      Fax: +44 (0) 1223 893894

email: sales@megauk.com      web: www.megauk.com

# Orange Dry Peel Film Processing Instructions

**800-310**

**10" x 12"**

**10 sheet pack**

**800-320**

**12" x 20"**

**5 sheet pack**

## **PROCESSING TECHNIQUE USING A POSITIVE ARTWORK TO PRODUCE A NEGATIVE FINAL IMAGE**

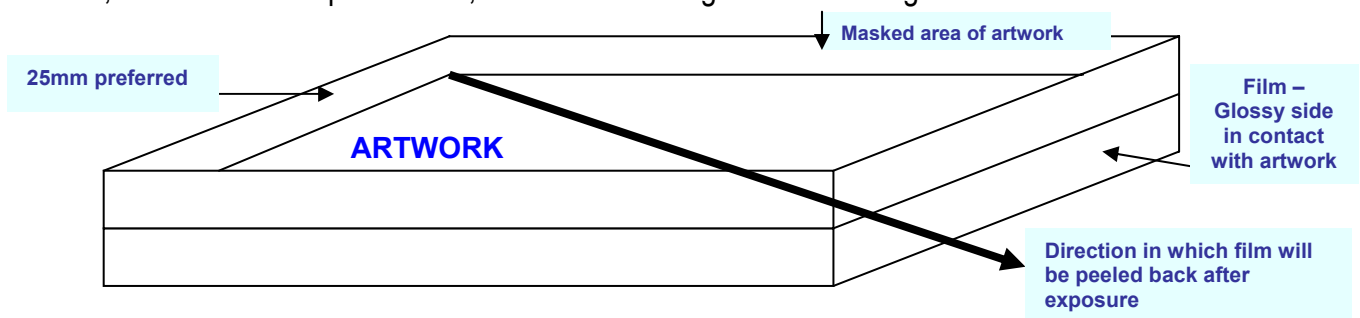
### **1. POSITIVE ARTWORK.**

A positive artwork, right reading **emulsion side down** is preferred. If you are using a Laser printer generated artwork on a material such as LaserStar artwork film then you would need to flip or mirror the image in the software before printing. To aid peeling at least two connecting edges of the Orange Dry Peel Film have to be masked during exposure. Alternatively the positive artwork could be designed with at least two opaque edges. Ideally these opaque edges should be 25mm wide. This may reduce the total usable area of the original sheet of Orange Dry Peel Film.

### **2. UV EXPOSURE**

A piece of Orange Dry Peel Film should be placed in a UV unit with the dull side down and the glossy side facing upwards (tubes in lid UV - opposite if tubes in base UV is being used).

The positive artwork should be placed emulsion side down onto the glossy side of a piece of Orange Dry peel Film, an ultra-violet exposure unit, so that the U.V. light shines through the artwork onto the film.



Then at least two connecting edges/sides of the Orange Dry Peel Film are masked from the UV with strips of opaque film or thick opaque paper, (as above). Ideally the resulting masked edges should be at least 25mm wide. The Orange Dry Peel Film is then exposed to UV. The exact exposure time should always be determined for the particular UV unit being used via trial and error with a small test strip. As a guide using a typical bench top, flat bed, UV, with a good quality opaque artwork, **an ideal exposure time would be 10-15 seconds.** With Laser printer generated artworks where the black areas (toner) may not be completely optically dense the exposure time can be reduced down to compensate.

### **3. PEELING OF ORANGE DRY PEEL FILM**

After exposure the film is laid flat and smoothed out onto the adhesive covered Peeling Board. It should be laid down, Glossy side up and with the corner where the two masked edges meet at the back of the peeling board.

The top layer is then peeled off. To do this the corner of the top layer in-between the two masked edges/sides is picked up. This is then grasped between the thumb and forefinger and in one complete action the top layer peeled away. This should be in the opposite direction of the peeled corner, in one complete action, **without stopping or hesitation**, and without the hand being raised in the air, but being kept low and parallel to the Peeling Board during the peeling process. The top peeled away layer will be a negative of the original positive artwork with the emulsion side underneath.