Quick-Mark Digital (QMD) Processing Instructions.
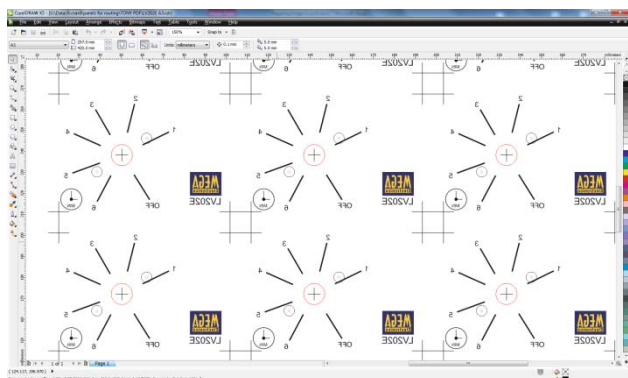
Description

Quick-Mark D igital con sists of a prin table L aser F ilm, Ba se Sh eets and opt ional Ov er-Laminating films. The Laser F ilm is heat stabilised and includes a UV in hibitor to protect against fading and has a double sided coating to accep t Laser Toner. Vi nyl Base Sheets are availa ble in white, sil ver and transparent an d t here is 0. 2mm a luminium a vailable. A ll Base Sh eets h ave a cross- linked acry lic adhesive on both sides. The self-adhesive opt ional clea r Ov er-Laminating f ilms are av ailable as a clear or matt PVC vinyl and a Polycarbonate.

Quick-Mark Digital Laser Film

QMD Laser Film is a heat stabil ised 100 mic ron base polyester film. This 140g/m² film produces high density images when used w ith a host of col our and mono laser printers. The film features UV inhibitors to prevent fa ding and a toner receptive coating on bo th sides of the base polyester. We have produced excellent results with a HP colo ur LaserJet CP522 0 A3 printer was used with HP proprietary toner.
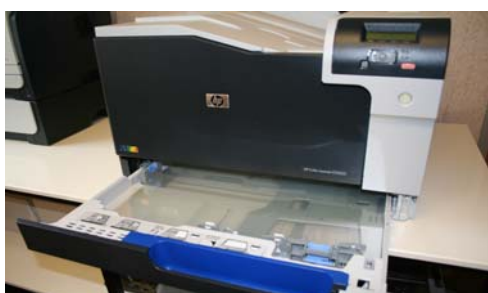
The Laser film is available as A4 or A3 and the Base Sheets in 10" x 12" or 12" x 20"

1. Preparing an Image to print.

Your image should always be m irrored (flip ped or reversed) in your application software. By printing it this w ay round when th e f inish label/ panel is produced the toner will always be under the polyester film, thus creating a self-laminating image. The toner will be prot ected as it will be san dwiched between the top layer of polyester and Base Sheet.
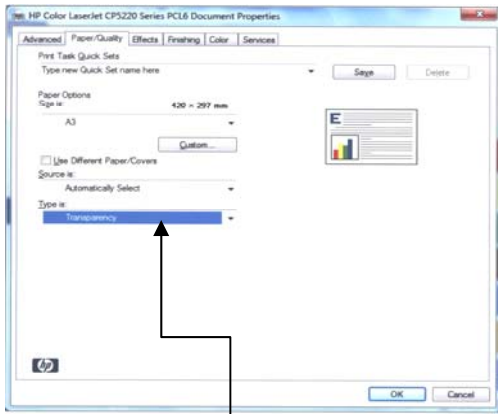
2. Loading QMD Laser Film

Load in main cassette

Load in bypass Tray

QMD Laser Film can be loaded in the main cassette or bypass tray of your colour Laser Printer. The film has a double sided coating so you do no t need to w orry whi ch way u p t hey are loaded. Be careful not to get fingerprints on the film; handle carefully at the edges or wear cotton gloves.

3. Printing

Set to Transparency

Reverse image printed

On the Properties of your print driver set to transparency or similar before sending your print job to the laser printer.   Once again be careful not to get fingerprints on the film, even after printing.

4. Preparing to Laminate.

Preparing the laminate

Lay the printed film reverse way r ound (toner facing up) on a flat surfa ce such as an   800-305 Quick-Ma rk Processing Tray. Then lay the Base Sheet   of your c hoice, in this c ase 800-502 Silver, on the tray in front of the printed film.
You will also need a 800-143 PA1 Applicator and
800-308 Application Fluid.

5. Remove the liner from the Base Sheet

Peel off liner from Base Sheet

Lay liner to one side

Remove the clear liner from the Base Sheet to reveal the adhesive. Lay the liner to one side as you will need it again in a moment.

6. Spray the Application Fluid

Spraying the application Fluid

Spray a fi ne mi st of Appl ication flui d over the adhesi ve of the Base Sheet.

7. Lay the Laser Film on the Base Sheet

Laying the Laser Film

Carefully pick up the QMD Laser Film at t he edges and lay it on the Base Sheet. The Application Fluid you sprayed acts as a temporary barrier to the adhesive. This enables you to 'float' ' slide' ' position' and ' reposition' t he Laser F ilm into place without any creases or air bubbles.
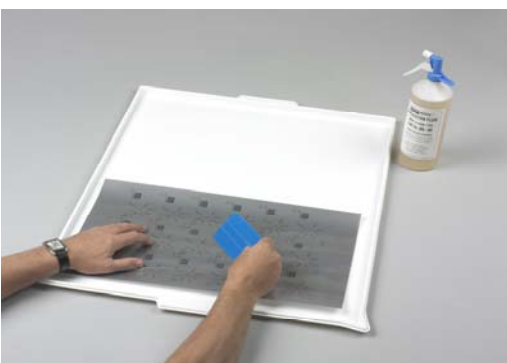
8. Replace the adhesive liner

Replacing the throw away liner

Without using an y mo re Appl ication Fl uid, l ay the 'throw away' clear adhesive liner on top of your panel / label.
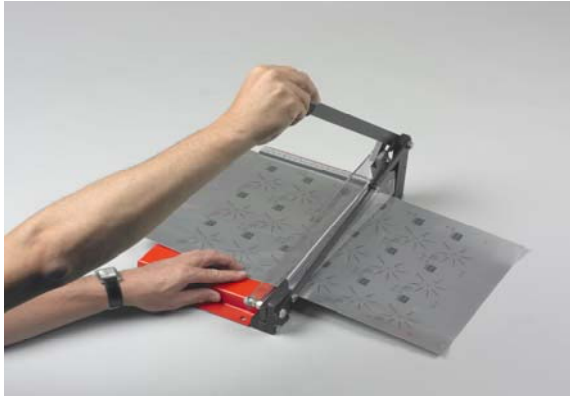
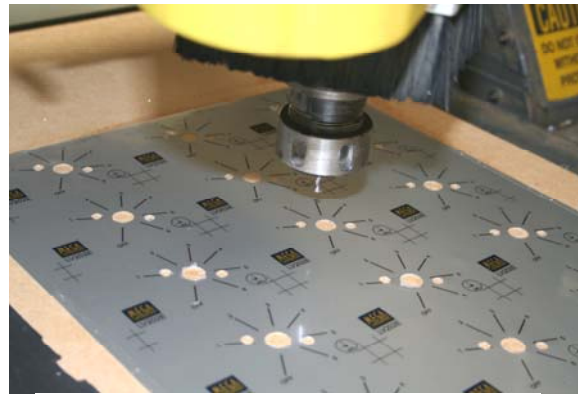## 9. Squeegee away excess Application Fluid

Squeegee excess Application fluid

With the clear adhesive liner protecting the Laser Fi lm – squeegee with the PA1 Applicat or from the middle out to remove any resi dual Appl ication Fl uid t hat remai ns between the two layers
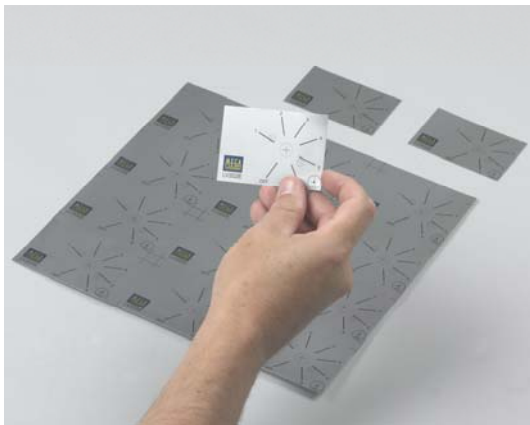
10. Trim to Size

Trim to size

Routing

With the clear adhesiv e liner st ill in place, tr im with a blade or sc issors (plastic base) or a Mega Guillotine (plastic or aluminium base). You can also use a CNC Routing or cutting machine.

11. Finished Label / Panel

The finished label / panel

Finally remove the thr ow away l iner from the top and yo ur Quick-Mark D igital Panel is ready t o remov e t he rear lin er and adhere to its final location.

NOTES:
Excess Application fluid can sometimes leave smears in between the two layers of the label / panel, if it was not fully removed at Step 9 with the PA1 Applicator. This will normally disappear within 24 /48 hours.

If additiona l over- laminating is required, with one of our Gloss, Matt or Pol ycarbonate Fi lms then these should be applie d using application Fluid after Step 9. Remember t o remove the throw away clear liner from the top before applying the Laminating Film.

If you have purchased 12" x 20" Base Sheets, these will include instructions for use with Quick-Mark Imaging Film. Those instructions are not relevant for use with QMD Quick-Mark Laser Film.