

Digital RAVE

Photopolymer Plates



Digital Rave

Photopolymer Printing Plates

150 LINE

175 LINE

.003

.004

| | | | |
|----|-----|-----|-----|
| | | | |
| 1% | 25% | 50% | 95% |

12 PT. HIGH DEFINITION

8 PT. DURABLE AND OZONE RESISTANT

6 PT. UV INK COMPATIBLE UV INK COMPATIBLE

PT. HOLD EXTREMELY FINE TYPE. HOLD EXTREMELY FINE TYPE. HOLD EXTREMELY FINE TYPE. HOLD EXTREMELY FINE TYPE.

MacDermid
GRAPHICS SOLUTIONS

A Hard Digital Plate For Ultimate Quality Graphics

MacDermid Digital Rave plates are the latest generation digital plates using advanced direct-to-plate technology, and developed using MacDermid's solvent processing system.

Our Digital Rave plates' laser ablative mask improves dot shape and extends image latitude, while also eliminating sources for dust and light diffusion, resulting in increased plate quality and consistency. Printers can expect to achieve significant reductions in dot gain on press, with minimal tonal correction required in the screening process. Highly durable and reliable, Digital Rave plates offer longer runs, less dot wear and reduced tack. Its high durometer reduces dot gain in screens and minimizes banding due to press bounce.

For exceptional direct-to-plate printing plates, count on the company that innovates with you in mind. MacDermid.

KEY FEATURES

- Increased image sharpness with finer highlights, crisp text and reverses
- Requires significantly less dot gain correction
- Ozone-resistant
- Easy to handle and process

SEGMENTS

- Flexible Packaging
- Tags and Labels
- Folding Carton
- Sacks, Paper, Multiwall

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TECHNICAL SPECIFICATIONS

Applications Digital Rave is available in thicknesses of 0.045" – 0.112" and in sizes up to 50" x 80" (1,320mm x 2,032mm). Please contact your MacDermid representative for details.

REPRODUCTION CAPABILITIES

Halftones: 1-99% at 200 lpi (79 lines/cm)
Fine lines: 0.003 in. (0.076 mm) width
Isolated dots: 0.005 in. (0.127 mm) diameter

PLATE PROCESSING*

Processing Use with SOLVIT® M100, SOLVIT® LO or SOLVIT® QD is recommended. Most other safe-solvent solutions may be used.

Processing times for any particular job are determined by equipment, copy requirements, and plate thickness.

RECOMMENDED TIMES

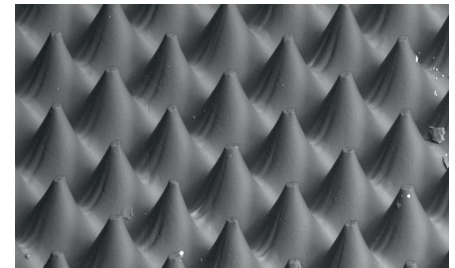
| | BACK EXPOSURE | FACE EXPOSURE | WASH OUT | DRY TIME | POST EXPOSURE | FINISHING |
|--------------|---------------|---------------|----------|----------|---------------|-----------|
| | (sec) | (min) | (min) | (min) | (min) | (min) |
| .045" | 60-100 | 10-16 | 4-6 | 60-90 | 5-10 | 5-10 |
| .067" | 80-120 | 10-16 | 4-6 | 60-90 | 5-10 | 5-10 |
| .107" | 240-260 | 10-16 | 4-6 | 60-90 | 5-10 | 5-10 |
| .112" | 240-260 | 10-16 | 4-6 | 60-90 | 5-10 | 5-10 |

INK/SOLVENT COMPATIBILITY

Digital Rave photopolymer is compatible with UV, alcohol, water, and glycol based inks. It is not recommended for use with oil based inks or hydrocarbon solvents.

APPLICATIONS

Digital Rave and other MacDermid digital photopolymer plates are recommended for high-quality, high linescreen printing on film and paper. Digital Rave is used to print preprinted linerboard, folding cartons, flexible packaging, and tags and labels.



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FOR MORE INFORMATION, PLEASE CONTACT:

USA

5210 Phillip Lee Drive
 Atlanta, GA 30336
 P 404.696.4565

EUROPE

3 rue de l'Industrie - BP 30160
 68702 Cernay Cedex, France
 P +33 (0) 3 89 38 43 12

macdermid.com/graphics