

+ Flexibility + Durability + Capability

A Hard Digital Plate For Ultimate Quality Graphics

Digital RAVE

MacDermid Digital Rave plates are 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.

MacDermid Graphics Solutions delivers an unrivalled customer experience through technical expertise and constant innovation. Creating solutions that flex.

Key Features & Benefits

- Compatible with UV LED exposure technology
- 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

Creating
solutions
that flex.

For more information, please contact:

500 Chattahoochee Row NW Suite D, Atlanta, GA 30318
macdermidgraphics.com
404.696.4565



+ Digital RAVE Photopolymer Plates

Elevate Your Print to the Next Level



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 or SOLVIT® LO 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.

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.

Recommended Times

	Back Exposure (sec)	Face Exposure (min)	Washout (min)	Dry Time (min)	Post Exposure (min)	Finishing (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

MacDermid Graphics Solutions delivers an unrivalled customer experience through technical expertise and constant innovation. Creating solutions that flex.