

Digital Rave

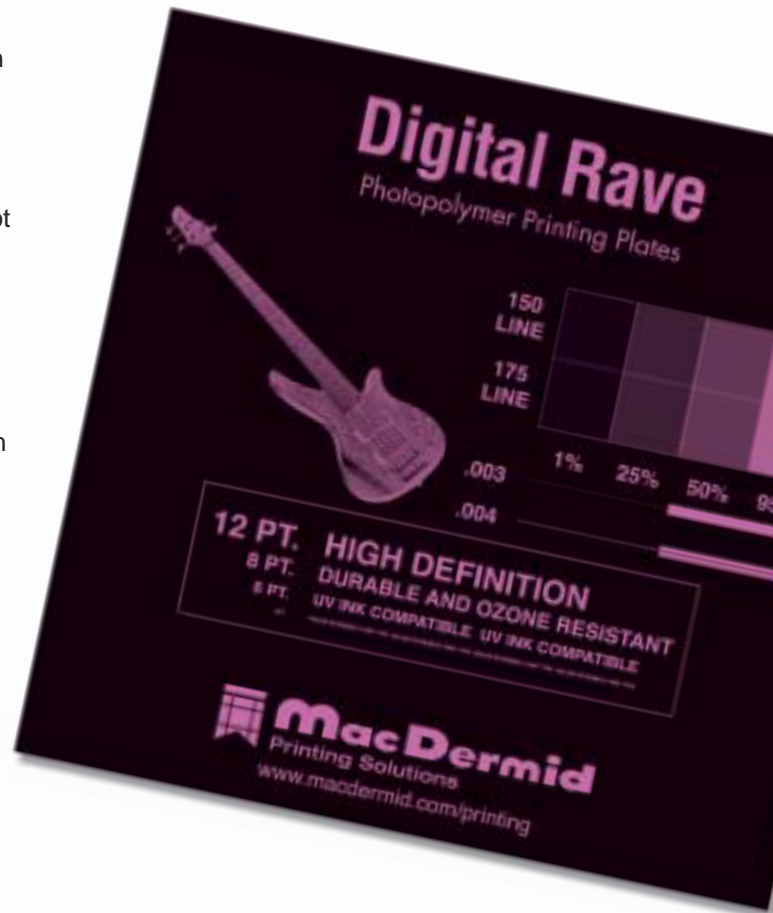
Photopolymer Plates

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 says "Yes We Can." MacDermid.



Key Features

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

Segments

Flexible Packaging



Folding Carton



Tags & Labels



Sacks, Paper, Multiwall



YES WE CANSM

MacDermid
Printing Solutions

Digital Rave

Photopolymer Plates

Technical Specifications

Digital Rave is available in thicknesses of 0.045" - 0.112" and in sizes up to 52" x 80". Please contact your JV Imaging Solutions Account Manager for details.

Digital Rave has a hardness of 60 Shore A.

Reproduction capabilities

Halftones: 1-99% at 200 lpi (79 lines/cm)

Fine lines: 0.003 in. (0.076mm) width

Isolated dots: 0.005 in. (0.127mm) diameter

Plate processing

Digital Rave is designed to process in MacDermid processing equipment. Most safe solvents solutions may be used.

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

Recommended times	.045"	.067"	.107"	.112"
Back exposure (sec.)	60-100	80-120	240-260	240-260
Face exposure (min.)	10-16	10-16	10-16	10-16
Washout (min./solvent)	4-6	4-6	4-6	4-6
Drydown (min./solvent)	60-90	60-90	60-90	60-90
Post exposure (min.)	5-10	5-10	5-10	5-10
Detack (min.)	5-10	5-10	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.

YES WE CANSM

It takes more than innovative, high performance products and superior technical service to help our customers compete and win in today's global marketplace. It takes a total commitment to understand their needs and the ability to provide the right solutions - every time.

When success is your only goal, trust the company that says "Yes We Can."

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