

Digital MAX C

Photopolymer Coating Plates



Digital MAX C
Photopolymer Printing Plates

150 LINE
133 LINE
120 LINE

2% 25% 50% 90%

.003
.004

14 PT.
12 PT.
8 PT.
6 PT.

Low Dot Gain
Excellent Drape
Quick Imaging Plate
Extremely Low Tack (Dry) Plate

MacDermid
GRAPHICS SOLUTIONS

A Plate Designed Specifically for Coating and Varnish Printing

MacDermid's Digital MAX C was designed for optimum ink transfer with a wide variety of specialty inks, varnishes, and coatings used in the flexographic market. Digital MAX C can also be combined with MacDermid's LUX® process, along with advanced prepress screening techniques, to give a true step change in coating, ink, or varnish coverage.

When you need a plate with excellent ink transfer and print performance in commercial and packaging print applications, count on the company that innovates with you in mind - MacDermid.

KEY FEATURES & BENEFITS

- Optimized formulation for enhanced transfer capability with various specialty inks, varnishes and spot and full coatings
- Can be used in combination with the MacDermid LUX process for further optimization of coverage
- Thicker PET backing allows use in coating stations with good registration
- Digital format, enabling high resolution, sharp detail, and clean images
- Capable of solvent and thermal processing

SEGMENTS

- Flexible Packaging 
- Folding Carton 

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TECHNICAL SPECIFICATIONS

Digital MAX C is available in a thickness of 0.045 in (1 mm) in sizes up to 50 in x 80 in (1,270 mm x 2,032 mm). Please contact your MacDermid representative for details.

PLATE PROCESSING*

Digital MAX C can be processed with SOLVIT® M100 or SOLVIT® QD in common solvent processing systems. Most other safe-solvent solutions may also be used. Digital MAX C can also be processed in MacDermid's LAVA thermal processing systems.

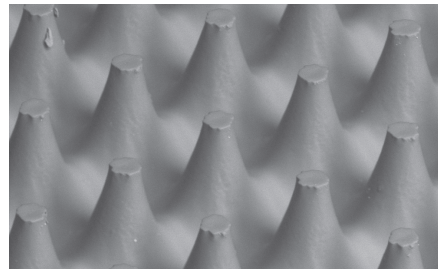
*Processing times for any particular job and process are determined by equipment and other factors; consult your MacDermid representative for help in optimizing your plate processing.

INK/SOLVENT COMPATIBILITY

Digital MAX C is a digital sheet photopolymer for use in various water-based and UV coating applications, as well as varnishes and specialty inks.

APPLICATIONS

Digital MAX C plates have ink compatibility similar to natural rubber. Plates are compatible with water and alcohol based inks containing up to 25% acetate. Digital MAX C is not recommended for oil-based inks, hydrocarbon solvents, or inks with acetate ester content higher than 25%.



RECOMMENDED PROCESSING CONDITIONS*

GAUGE	DUROMETER	DESIRED RELIEF	BACK EXPOSURE ¹	FACE EXPOSURE ¹	WASHOUT ²	DRY TIME	POST EXPOSURE ³	DETACK ⁴		
(mil/mm)	(Shore A)	(mil/mm)	(mJ/cm ²)	(sec)	(sec)	(min)	(min)	(min)		
45/1.14	78	20/0.51	1,120	70	9.6	10	280	90	5	5

*Contact your MacDermid representative for assistance in establishing proper processing conditions

1. Lamp intensity is 16 mW
2. SOLVIT M100 washout times
3. Lamp intensity is 17 mW
4. Lamp intensity is 10 mW



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