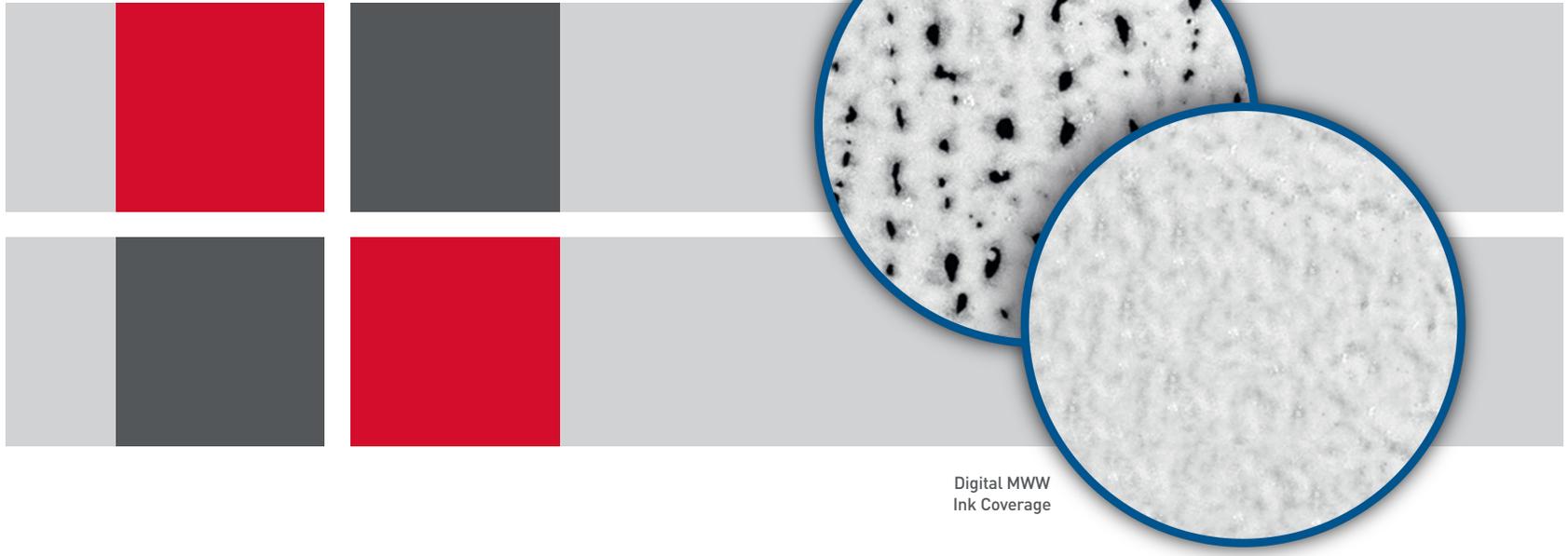


Digital MWW

Photopolymer Plates



A Plate Designed Specifically for Printing Whiter Whites.

MacDermid's Digital MWW was designed for optimized white ink laydown, providing higher opacity, reduced mottle and improved over print performance. Digital MWW's formulation can be combined with the MacDermid LUX® process, along with specific advanced prepress screening techniques, to give a true step change in white ink laydown. This step change can also result in direct savings in ink, due to the ability to move from a two pass process to a single station of white ink.

When you need a plate that can take your white ink laydown to another level, count on the company that innovates with you in mind. MacDermid.

KEY FEATURES

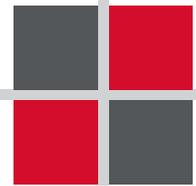
- Optimized plate durometer for enhanced ink transfer capability
- Can be used in combination with the MacDermid LUX process for even greater optimization of ink transfer
- The resulting white ink laydown produces the following benefits:
 - High opacity
 - Low mottle
 - Brighter over print colors

SEGMENTS

- Flexible Packaging 

Digital MWW

Photopolymer Plates



TECHNICAL SPECIFICATIONS

Digital MWW is available in thicknesses of 0.045" (1.12mm) up to 0.107" (2.71 mm) and in sizes up to 52" x 80" (1,320 mm x 2,032 mm). Please contact your MacDermid representative for details.

PLATE PROCESSING*

Digital MWW can be processed with SOLVIT®M100 or SOLVIT®QD in common solvent processing systems. Most other safe-solvent solutions may also be used.

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.

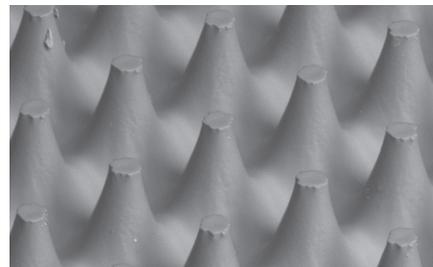
INK/SOLVENT COMPATIBILITY

When printed with solvent-based white inks, Digital MWW should only be used for a single print run.

Repeat use may result in changes in print performance, and thus is not recommended.

APPLICATIONS

Digital MWW is a digital sheet photopolymer for use in flexible packaging and other flexo markets that require white background printing; particularly targeting high opacity, low mottle, and brighter over print colors.



RECOMMENDED PROCESSING CONDITIONS*

GAUGE	DUROMETER	DESIRED RELIEF	BACK EXPOSURE ^{1,2}		FACE EXPOSURE ²		WASH OUT ³	DRY TIME	POST EXPOSURE ³	DETACK ⁴
(mil/mm)	(Shore A)	(mil/mm)	(mJ/cm ²)	(sec)	(J/cm ²)	(min)	(sec)	(min)	(min)	(min)
45/1.14	67	20/0.51	720	45	310	5	300	120	5	5
67/1.70	50	24/0.61	510	30	630	10	320	120	5	5
107/2.71	38	35/0.89	970	60	630	10	420	150	5	5

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

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



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