

CBU

Photopolymer Plates

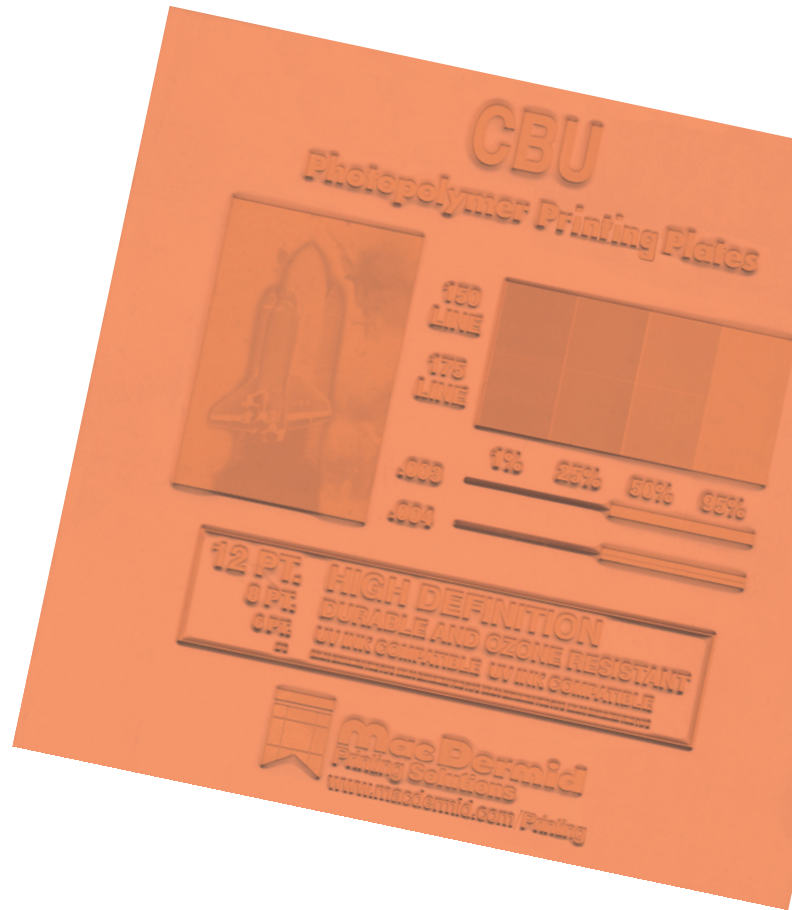
Superior Performance From A Versatile Digital Plate

MacDermid CBU is the digital photopolymer plate that delivers increased image sharpness with finer highlights, crisp text and reverses. Extremely durable, CBU is ideal for flexible packaging, folding cartons, sacks, tags and labels.

As firm believers that the future is digital, MacDermid Printing Solutions offers you a range that brings you the best of digital in flexography printing. For high quality graphics, and demanding reproduction, the sharpness of digital plates is what you need. With unmatched capabilities, our products give you the highest level of quality you can attain.

Whether you look for extended tonal ranges, richer contrasts, or achieving the finest details, our plates will meet the challenge, taking you to litho or gravure quality levels.

For exceptional quality and performance, count on the company that says "Yes We Can", MacDermid.

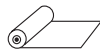


Key Features

- Increased image sharpness with finer highlights, crisp text and reverses
- Durable and long running
- Robust, easy handling

Segments

Flexible Packaging



Folding Carton



Tags & Labels



Sacks, Paper, Multiwall



YES WE CANSM

MacDermid
Printing Solutions

CBU

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Technical Specifications

Plate processing

Processing equipment designed for use with SOLVIT or a 75% perchlorethylene / 25% normal butyl alcohol solution is recommended. For best results, CBU should be processed with high intensity UV lamps (18-20 mw/cm²).

Reproduction capabilities

Image halftones: 1 to 98% at 60 lines/cm (150 lines/in.)

Isolated dots: 0,12 mm (0,005 in.) diameter.

Fine lines: 0,076 mm (0,003 in.) width.

Processing data

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

Recommended times	1.14 mm	1.70 mm	2.54 mm	2.84 mm
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Back exposure 40" 19" 73" 90"

Main exposure 5' 5' 5' 5'

Washing 5' 6' 6' 6'

Drying (60°C) 60' 60' 90' 90'

Finishing 10' 10' 10' 10'

Post exposure 10' 10' 10' 10'

Hardness/thickness

mm/inch	Shore A
1.14/0.045	68
1.70/0.067	59
2.54/0.100	51
2.84/0.112	49

Product availability

Contact your sales representative for size and other thickness availability.

Benefits for Plate Making

- Eliminates stripping, contact and dust problems
- Easy handling
- Requires significantly less dot gain correction

Storage

Plates should be stored flat in a cool and dry place at 10-30°C and a relative humidity of approximately 60%. Opened boxes of plates should be stored only in a safelight area and plates must be protected from UV light.

Ink/Solvent Compatibility

CBU photopolymer is compatible with UV-, alcohol-, water-, and glycol based inks. CBU is not recommended for oil-based inks or hydrocarbon solvents.

For more information, please contact:

YES WE CAN SM

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 understanding 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".

 **MacDermid**
Printing Solutions

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