

MIRACLON

HIGH-DUROMETER,
WATER-WASHABLE
LETTERPRESS PLATES



Boost quality and efficiency

Package printing has never been more challenging. Brand owners are looking for vibrant and consistent color that captures the consumer's eye at retail. Designs are becoming increasingly complex, pushing existing processes to the limit, while the pressure to minimize cost continues to be of primary importance throughout the supply chain.

Kodak can help, with a full portfolio of water-washable letterpress plates for dry offset, letterpress and UV flexo printing that can help you boost print quality and consistency and improve operational efficiency. With **Miraclon** Letterpress Plates, you will benefit from a winning combination:

- ease of use and convenience
- a wide range of sizes
- clean processing
- outstanding print quality
- exceptional durability

Excellent ink transfer

High-durometer **Kodak Miraclon** Letterpress Plates are exceptionally hard, enabling clean and complete ink transfer. The result is excellent solid coverage and predictable image reproduction. With **Miraclon** Plates, what's on the plate is on the printed piece.

Precise, repeatable platemaking

Kodak Miraclon Letterpress Plates are formulated with PVA, not nylon, and are completely water-soluble without heavy brush pressure. As a result, fine detail on the plate is preserved, and the ability to reproduce fine lines and reverses on the same plate is significantly improved.

Exceptional durability

A hard, resistive formulation makes **Miraclon** Plates ideal for long runs with aggressive UV inks. When combined with high-quality cushion tape, **Miraclon** Plates help minimize dot gain, resulting in finer detail and higher-quality image reproduction.

Simple, clean plate processing

You'll be able to boost plate throughput with a clean-working, environmentally-friendly process that helps minimize plate processor buildup—and downtime spent cleaning the processor. In addition, these water-washable plates rinse out with tap water, reducing your chemical footprint and the cost, handling and odors associated with plate processing chemistry.

New and improved digital plates for dry offset

Kodak Miraclon Digital Letterpress Plates have been reformulated to improve plate-handling and productivity in dry offset applications. In addition to excellent-quality print performance, you can benefit from:

- minimized delamination, due to improved coating formulation adhesion
- cleaner imaging, due to reduced debris generation
- faster imaging, requiring less energy and helping to reduce platemaking time

Tailored solutions

With film and steel substrates, analog and digital solutions, and a range of standard and custom sizes and thicknesses, **Miraclon** Letterpress Plates offer a tailored solution that meets specific business needs across print processes and applications—without expensive surcharges for custom orders.

Kodak Miracron Letterpress Plates

Analog water-washable photopolymer plates

Plate types	Base substrates	Surface type	Durometer Shore D	Plate thickness range	Applications
B	Polyester film	Matte	25	0.73 mm - 2.84 mm (0.029" - 0.112")	UV flexo; Business form / spot carbon; UV varnishing
DF DFB DFBT	Polyester film; transparent film option available	Matte	60	0.43 mm - 1.75 mm (0.017" - 0.069")	Rotary labels
MFHT	Polyester film	Non matte	75	0.94 mm (0.037")	Flatbed labels
BS	Steel	Matte	25	0.73 mm to 2.84 mm (0.029" - 0.112")	UV varnishing
DS DSA DSAS DSC DSF DSJ	Steel; flexible substrate option available for magnetic drums	Matte	60	0.43 mm - 1.00 mm (0.017" - 0.039")	Dry offset
ESC	Steel	Matte	80	0.73 mm - 0.94 mm (0.29" - 0.037")	Dry offset; pad printing
MS MSA MSC MST	Steel	Non matte	80	0.55 mm - 2.25 mm (0.022" - 0.089")	Dry offset; embossing
MSX	Steel	Non matte	80	1.00 mm - 2.00 mm (0.039" - 0.079")	Pad printing; molding

Digital LAMS water-washable plates

BDS	Steel	Non matte	25	0.73 mm - 1.00 mm (0.029" - 0.039")	Dry offset; UV varnishing
DSD DSDF DSDC	Steel; flexible substrate option available for magnetic drums	Non matte	60	0.73 mm - 0.94 mm (0.029" - 0.037")	Dry offset
ESDC	Steel	Non matte	80	0.58 mm - 0.83 mm (0.023" - 0.038")	Dry offset
BD	Polyester film	Non matte	25	0.94 mm - 1.70 mm (0.037" - 0.067")	UV flexo
DFD DFDB DFDBT	Polyester film; transparent base option is available	Non matte	60	0.65 mm - 0.94 mm (0.026" - 0.037")	Rotary labels; UV flexo

Produced using Kodak Technology.

Eastman Kodak Company
343 State Street
Rochester, NY 14650 USA

©Kodak, 2015. Kodak and Miracron are trademarks.

W.FLX.182.0915.en.02

LEARN MORE AT
WWW.GRAPHICS.KODAK.COM

