

DuPont™ Cyrel® DPL

The **Next Generation** Digital Plate



It's a Digital World

DPL is DuPont's next generation medium durometer digital plate with outstanding latitude and on-press performance resulting in a new level of print quality and consistency. DPL continues the Cyrel® tradition of wide latitude and long run length while bringing the productive and economic benefits inherent in a fully digital platemaking workflow. In addition, since it was designed in tandem with Cyrel® **FAST** DFM, DPL provides maximum flexibility to the tradeshop that is also supporting remote CTP output.

At DuPont, we believe the future of packaging lies with flexo, and the future of flexo is digital. With the broadest range of digital and conventional technology platforms to choose from, we will work with you as a technological teammate committed to advancing the state of your art.

Plate Characteristics

Thickness	.045 .067 .100 .107 .112
Durometer	58 on processed .067 DPL (43 Shore A)
Thickness Uniformity	± .0005 within a plate ± .001 from plate to plate
Image Reproduction	
• Halftone Resolution	<1 to 98% dot at 175 LPI
• Line Resolution	.003 in. width
• Isolated Dot	.005 in. diameter
• Relief Depth	.015-.025 in. recommended
Ink Compatibility	Broad range of solvent, aqueous and many UV inks
Storage and Handling	Store flat between 40–90°F, relative humidity <70%, minimum shelf life of 1 year.
CTP Imaging	CTP calibration identical to other Cyrel® Digital plates.
Exposure and Processing	Follow standard Cyrel® practices to determine correct main and back exposure times.

Features

Ease of Use	Consistent manufacturing quality, wide exposure and processing latitude, excellent "on-press" performance
DuPont LAMs layer	Consistent laser imaging batch to batch
High Resolution	Outstanding detail and minimum dot size
Uniform Ink Laydown	Clean printing, good solids, less mottle
Less Shrinkdown	Compatible with North American processing solvents
Robust	Long run length
Designed to Match DFM	Single press profile works for DPL and DFM
Parlin Manufacturing	Short supply chain—rapid response to market demand

Benefits