



# Cyrel<sup>®</sup> UXL flexographic plates

**Cyrel<sup>®</sup> UXL...the new  
standard for wide latitude  
in uncapped plates**

## **Product Features and Benefits**

- Outstanding exposure latitude for single exposure without masking for even the most critical designs.
- Superior results on press—fine linework, clean reverses, good impression latitude.
- Outstanding ink transfer for uniform printing of images and solids.
- Wide range of ink compatibility.
- Uniform thickness assures minimum makeready and good print quality.



# DuPont Cyrel® UXL flexographic plates

## Availability

Standard plate sizes: 12" × 15", 18" × 30", 24" × 30", 30" × 40", 42" × 60", 42" × 80"

Plate thickness: .067, .107, .112.

Contact your local Cyrel® sales representative to obtain additional size and thickness availability.

## Storage

**Unexposed plates:** Store unexposed plates flat, in a cool area (40–90°F), away from direct sources of heat. No humidity control is required.

**Used plates:** Thoroughly clean ink from plates with a compatible solvent before storing—either on plate cylinders, Cyrel™ Sleeves, or demounted and flat. Do not expose plates to direct sunlight, excessive white light, or continuously to very high ozone concentrations.

## Handling—Raw Material

Cyrel® UXL plates should be handled under either yellow lighting (gold fluorescent tubes, or white tubes covered with DuPont DP480 amber sheeting) or UV-filtered white lighting.

## Consistent Quality

DuPont is the only global supplier of photopolymer plates to the flexographic market that manufactures under an ISO-9000 certified quality process. This ensures that each Cyrel® plate is manufactured to the same high standard of quality.

## Cyrel® UXL Inks and Solvents

	% Recommended Concentration	Maximum Concentration
Ethyl Alcohol	100	—
Isopropyl Alcohol	100	—
Normal Butyl Alcohol	100	—
Normal Propyl Alcohol	100	—
Water	100	—
Ethyl Cellosolve®	15	30
Ethyl Acetate	15	20
Normal Propyl Acetate	15	20
Hexane	0	5
Heptane	0	5
Butyl Cellosolve®	0	3
Benzene	0	1
Toluene	0	1

## Recommended Plate Cleaners

Propyl Alcohol  
Super Cleaner  
Do not clean with acetates or glycol ethers.

## Image Reproduction

Halftone	2–95% on a 150-line screen
Fine Lines	.004 in width
Isolated Dot	.005 in diameter
Relief Depth	.025–.035 recommended, dependent on back exposure
Durometer (Shore A)	48–58 (for .107–.067 plates)

## Platemaking Time

	.067	.107
Backflash Exposure*	15–40"	60–110"
Main Exposure*	4–16'	4–16'
Washout		
In-Line OptiSol®	400–450"	400–450"
Rotary OptiSol®	18–20'	18–20'
Drying	2 hours	2 hours
Light Finishing	10–14'	10–14'
Post-Exposure	10'	10'

\*Exposure times, which depend on material batch, lamp age and image characteristics, should be reestablished for optimum plate quality.

Nothing prints like Cyrel®. 1-800-345-9999 (prompt 1, 5)

In Canada: 1-800-387-2122

In Mexico: (5) 722-1248

www.dupont.com/cyrel

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Cyrel®

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