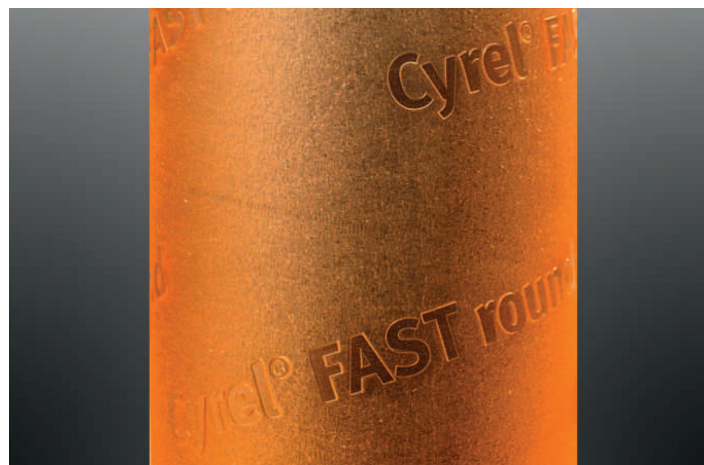


# DuPont™ Cyrel® FAST Round Classic

The Thermally Processable Endless Digital Photopolymer Sleeve

## Applications

- Tissue printing
- Gift wrapping paper
- Wallpaper
- Folding boxes
- Flexible packaging



**Cyrel® FAST Round Classic is a photopolymer sleeve that is ideal for very high quality printing, particularly on critical substrates. In addition Cyrel® FAST Round Classic can also be used successfully for halftone printing.**

## Product Properties

- Endless printing form
- Thermally processable
- High resolution for linework and halftone printing
- Excellent ink transfer for outstanding solids
- Outstanding thickness uniformity
- High productivity
- Stable base sleeve
- Excellent ozone resistance
- Excellent register accuracy

## Printing Ink and Solvent Resistance

Cyrel® FAST Round Classic is suitable for use with alcohol and water-based flexographic printing inks and for UV curing inks.

## Sleeve Production

- No back exposure is required
- Digital imaging by ablating the LAMS mask on the Cyrel® FAST Round sleeve using a suitable laser system
- The main exposure forms the image
- The unexposed photopolymer is removed from the unimaged areas by a thermal development process to create a relief image within 10-15 minutes
- Finishing and post-exposure with UV-C and UV-A light
- Within approximately 35 minutes the sleeve is ready for the press

## Storage of Raw Material

Unexposed Cyrel® FAST Round sleeves can be stored in the special transport box in a temperature controlled room for up to six months. Temperatures between 4°C and 32°C are recommended. The transport box enables a perfect protection for transport and storage.

## Handling of Raw Sleeves

Prior to main exposure Cyrel® FAST Round sleeves should be handled in an environment with low exposure to UV light. We recommend to apply filters on UV emitting lamps and windows.

## Storage of Processed Sleeves

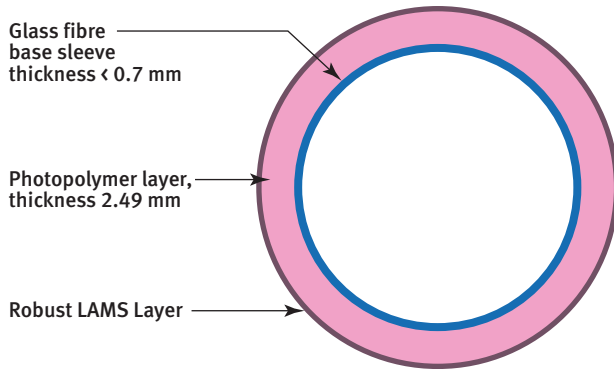
Printed sleeves should be cleaned carefully with a suitable solvent. The cleaning agent should be dried off before the sleeve is put on stock in the carton box. The box will protect the sleeve from light and mechanical damage.

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## DuPont™ Cyrel® FAST Round Classic Continuous photopolymer sleeve for digital imaging

Requires compressible adapters, e.g. Rotec Bridge Light H/C or Polywest Polybridge Soft



General information	Details
<b>Min. circumference</b>	330 mm
<b>Max. circumference</b>	960 mm, larger repeats on request
<b>Max. length</b>	300 – 1.450 mm
<b>Structure</b>	Glass fibre base sleeve < 0,7 mm Photopolymer ≈ 2,49 mm
<b>Final hardness</b>	65 Sh A
<b>Internal diameter</b>	According to Stork System
<b>Image reproduction</b>	1– 98%
<b>Minimum positive line</b>	0,075 mm
<b>Isolated dot</b>	0,150 mm in diameter
<b>Relief depth</b>	Approx. 0,7 mm

DuPont Industrial Solutions brings together leading technologies and products for the printing and package printing industries. DuPont™ Cyrel® is one of the world's leading flexographic platemaking systems in digital and conventional formats, including DuPont™ Cyrel® brand photopolymer plates (analog and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.



[cyrel.eu](http://cyrel.eu)

For more information on DuPont™ Cyrel® or other DuPont products, please visit our website.

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