

DuPont™ Cyrel® FAST Round FR 1450

Solvent-Free, Flexographic Sleeve Processor

DuPont™ Cyrel® FAST Round FR 1450 is a sleeve making system that uses dry, thermal technology to process high quality photopolymer sleeves, thus eliminating all solvents and aqueous solutions from the plate room.

Benefits

- Maximum sleeve size 57" x 39" (1,450 x 1,000 mm)
- Extremely rapid access time
- Smaller environmental footprint
- High-quality precision printing
- Higher durability for long print runs
- Robust and easy to support
- Optimum productivity
- Small equipment footprint

Features

The Cyrel® FAST Round FR 1450 allows the production of 4-5 Cyrel® FAST round seamless photopolymer sleeves at a typical format of 57" x 39" (1,450 x 1,000 mm) in less than one hour, making it the ideal just-in-time sleeve making system for a market.

The Cyrel® FAST Round FR 1450 delivers outstanding sleeve quality and uniformity. This processor has the ability to produce a finished sleeve without solvent washout. The new round exposure equipment (Cyrel® FAST Round EX 1450 and LF 1450) for exposing and light-finishing sleeves is available to complement the Cyrel® FAST Round FR 1450 as an all-round system solution. As with all elements of the Cyrel® FAST round system, it is environmentally friendly with no solvents to handle, store or recycle and no drying equipment is required. In addition, the new design saves space and requires no expensive plate room construction.



The technology enhances the production of high quality sleeves quickly, by combining the efficiency and speed of digital sleeve imaging with the productivity and environmental benefits of dry, thermal sleeve processing.

The digital sleeves for DuPont's thermal sleeve making process are designed to meet the needs of high quality plates with fine halftone, line-work and solids.

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Technical Data

General	Details	Other Notes
Equipment Name	DuPont™ Cyrel® FAST Round FR 1450	Thermal developer (water cooled)
SAP Article Number	NA	
Max. Nominal Sleeve Width	57" (1,450 mm)	
Min. Nominal Sleeve Width	11.8" (300 mm)	
Max. Nominal Sleeve Repeat	39.3" (1,000 mm)	
Min. Nominal Sleeve Repeat	12.9" (330 mm)	
Sleeve Thickness	Thin 1,573 mm / Classic 3,165 mm	
Electrical (Field Configurable)	3 x 400 V + N, 10%	
Power (Nominal)	24 kW	
Current (Nominal Load)	35 A	
Grounding		
Exhaust	Ø 9.05" (250 mm)	1,200 m ³ / h-706.3 ft ³ scfm (min)
Environmental Data	Temperature range: 65°F to 80°F (18°C to 27°C)	Relative humidity from 20% to 80% non-condensing
Compressed Air Supply	6.2 bar, 300 l/min	
Dimensions	Uncrated	Crated
L	132.3" (3,360 mm)	161.4" (4,100 mm)
D	57.5" (1,460 mm)	74.8" (1,900 mm)
H	77.6" (1,970 mm)	94.5" (2,400 mm)
Weight	7,716 lbs (4,000 kg)	8,818 lbs (5,700 kg)
Color	DuPont Grey & DuPont Red	

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 (analogue and digital), Cyrel® platemaking equipment, Cyrel® round sleeves, Cyrel® plate mounting systems and the revolutionary Cyrel® FAST thermal system.



cyrel.com/na

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

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