



FLEXCEL SRC & SRC-K Plates

Premium, low-durometer plates

miraclon

Outstanding performance for all corrugated applications

FLEXCEL SRC and FLEXCEL SRC-K Plates are low-durometer photopolymer plates ideal for halftone reproduction on coarse board. The plate's surface conforms uniformly to the printing substrate, providing smooth ink laydown and consistent tonal reproduction. The tack-free plate surface facilitates increased print quality and reduced press downtime throughout the life of the plate.

Versatility

FLEXCEL SRC Plates are designed to print on corrugated board. Because the plates are compatible with a wide variety of inks, including water-based, solvent-based, UV-cured and cationic inks, FLEXCEL SRC Plates are ideal for any job.

Thicker plates in the product range, identified as FLEXCEL SRC-K Plates, have a new and unique construction that provides you with the option to remove unexposed photopolymer prior to processing. The result is more efficient processing and reduced chemistry consumption.

Speed and ease of use

FLEXCEL SRC and SRC-K Plates improve productivity with very fast imaging and processing speeds, a wide exposure latitude and short drying times. In addition, the extreme flexibility of the plates allows for fast and faultless mounting.

High resistance to ozone, wear and abrasion and a long shelf life make FLEXCEL SRC and SRC-K Plates ideal for repeat jobs.

Combine with DITR Film
to **maximise print results.**

Complete solutions for packaging

Miraclon offers a full range of dependable products and differentiated solutions for package printing operations, combining the outstanding performance of the FLEXCEL SR Plate range with DITR Film—a high quality digital no-process film imaged with KODAK SQUARESPOT Imaging Technology—enabling wide tonal range, excellent productivity and print stability for a wide variety of flexographic applications.

DITR Film and FLEXCEL SR Plates can also be imaged on the FLEXCEL NX System, expanding the range of plate types that can be produced on this award-winning digital flexo platemaking system.

Technical Specifications

	FLEXCEL SRC & SRC-K PLATES		
FLEXCEL SRC Plates: Caliper, relief depth, and durometer	Caliper	Relief depth	Durometer
	mm	mm	Shore A
	2.84	1.4	37 - 42
	3.94	1.9	32 - 37
	6.35	2.5	33 - 39
FLEXCEL SRC-K Plates: Caliper, relief depth, and durometer	3.94	1.9	32 - 38
	4.70	2.2	34 - 40
	5.00	2.3	34 - 40
	6.00	2.5	33 - 39
	6.35	2.5	33 - 39
	7.00	2.7	32 - 38
	7.50 (Japan only)	2.7	32 - 38
Resolution	3% to 95% @ 133 lpi		
Plate color	FLEXCEL SRC Plates, 2.84 - 3.94 mm caliper: Purple FLEXCELL SRC Plates, 6.35 mm caliper: Blue FLEXCEL SRC-K Plates: Blue		
Isolated dot reproduction	100 - 200 µm		
Fine line reproduction	100 µm		
Wash-out solution	Compatible with most wash-out solutions. Refer to manufacturer's recommendations.		
Safelight recommendations	Prolonged exposure should be under yellow or UV-modified fluorescent light.		
Dryer temperature	51° - 55°C / 123.8° - 132° F Final dry times will vary on the plate caliper, processing equipment and type of wash-out solution used.		
Ink compatibility	Aqueous, solvent-based, UV-cured and cationic inks		
Storage and handling	Unopened plate packs should be stored flat and away from excessive cold, heat and humidity. Use in a controlled environment of 17° - 30°C (63° - 86°F) and 40 - 60% RH.		