



KODAK FLEXCEL
SR PLATES

KODAK FLEXCEL SRM Plates

Premium, mid-durometer plates

miraclon

Print on the widest variety of substrates

KODAK FLEXCEL SRM Plates are premium, mid-range durometer photopolymer plates designed for fine halftone line screen reproduction and solid printing requirements. The plates are ideal for high quality printing on the widest variety of substrates, from tissue to flexible film.

The print surface and hardness of FLEXCEL SRM Plates enhance ink transfer, giving you outstanding solid coverage and clean highlights. Accurate dimensional stability and excellent gauge uniformity result in high quality package printing. Also, FLEXCEL SRM Plates combine smoothness for uniform ink transfer, resilience for high press speeds and durability for consistency throughout the press run and on reruns.

Maximum versatility

FLEXCEL SRM Plates are designed to print on a wide variety of substrates, including flexible packaging, film, paper, plastic bags, labels, envelopes, beverage cartons and preprint. Because the plates are compatible with a wide variety of inks, including water-based, solvent-based, UV-cured and cationic inks, FLEXCEL SRM Plates are ideal for any job.

Speed and ease of use

FLEXCEL SRM 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 SRM Plates ideal for repeat jobs.

Combine with KODAK DITR Film
to **maximize 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 KODAK 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.

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

Technical Specifications

	FLEXCEL SRM PLATES		
Caliper, relief depth, and durometer	Caliper	Relief depth	Durometer
	mm	mm	Shore A
	1.14	0.5 - 0.7	67 - 73
	1.70	0.6 - 1.0	57 - 63
	2.54	0.7 - 1.5	51 - 57
	2.84	0.7 - 1.5	50 - 56
Resolution	1% to 95% @ 150 lpi		
Plate color	Green		
Isolated dot reproduction	100 - 130 µm		
Fine line reproduction	70 - 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.		