



FLEXCEL SRH Plates

Premium, high-durometer plates

miraclon

Exceptional quality for challenging graphic requirements

FLEXCEL SRH Plates are premium, high-durometer photopolymer plates that provide first-class quality on challenging jobs that have fine halftone line screen reproduction and solid printing requirements. FLEXCEL SRH Plates provide excellent ink transfer, resulting in brilliant printing results—outstanding solid ink coverage, clean highlights and superb halftone resolution.

You can accurately reproduce the sharpest image detail, including reverse printing, with FLEXCEL SRH Plates. The unique plate surface provides smoothness for uniform ink transfer, resilience for high press speeds and expanded durability for consistency throughout the press run and on reruns.

Maximum versatility

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

Speed and ease of use

FLEXCEL SRH Plates offer a wide exposure latitude with short drying times, necessary to meet your demanding print quality requirements and production schedules. In addition,

the plates are easy to mount and are highly resistant to ozone, wear and abrasion, so you realize increased productivity and enhanced print quality.

Combine with 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 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 SRH PLATES		
Caliper, relief depth, and durometer	Caliper	Relief depth	Durometer
	mm	mm	Shore A
	1.14	0.5 - 0.7	70 - 76
	1.70	0.6 - 1.0	61 - 67
	2.54	0.7 - 1.5	57 - 63
	2.84	0.7 - 1.5	56 - 62
Plate color	Gold		
Resolution	1% to 95% @ 150 lpi		
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.		