

Integrity-SR

High Durability Thermal CTP Plate

Through a newly developed two-layer coating technology, the Integrity-SR plate delivers exceptional quality and long-run press performance without the need for post baking. It delivers high-resolution and precise tone reproduction in the most demanding press environments, such as UV ink and alcohol substitute founts. Its state-of-the-art technology also affords wide processing latitude for achieving excellent stability and FM imaging capability. The Integrity-SR plate is suitable for a wide range of commercial, newspaper, and packaging applications, and is ideal for printers who need a robust thermal CTP plate.



TECHNICAL SPECIFICATIONS

MODEL	INTEGRITY-SR
PLATE TYPE	No preheat, positive-working, thermal digital plate with excellent chemical and press durability; no need baking for UV ink printing
APPLICATION	Commercial, newspaper, and packaging print applications
ALUMINUM	Electrochemically grained and anodized aluminum substrate
GAUGE	0.15mm, 0.20mm, 0.30mm and 0.40mm available
COATING COLOR	Blue
SPECTRAL SENSITIVITY	780 - 850nm
EXPOSURE ENERGY	120-150 mJ/cm ² (dependent on imager type, configuration and resolution)
RESOLUTION	1% to 99%@ 400 lpi or 10 micron stochastic (dependent upon capability of imaging device)
DEVELOPER	Integrity DV-T series developers Dynamic supplement 80-120ml/m ² , Static supplement 100-120ml/h
DEVELOP TEMPERATURE	25±3°C
DEVELOPER TIME	25±5s
RUN LENGTH	400,000 impressions unbaked 100,000 impressions for UV ink applications 1,000,000+ impressions baked (dependent upon image resolution, press, press chemical, ink and paper conditions)
SAFELIGHT	Daylight handling
SHELF LIFE	18 months, with original sealed package, stored in a cool and dry environment, away from sunlight

