

Kodak

Recording Films



Hard Dot Films

Kodak Premier Recording Films and Kodak Recording 2000 Films

Kodak Premier and Recording 2000 Films deliver the ultimate in hard dot performance, consistently providing excellent resolution, short development times, and optimum linearity.

Superb quality

Kodak Premier and Recording 2000 Films provide a consistent predictable dot, delivering accurate color reproduction in plate making and proofing. Through Integrated Booster Technology (IBT), **Premier** and Recording 2000 Films create rock-hard dots along with built-in linearity. They are ideally suited for fine screen or stochastic screening, resulting in outstanding printed image quality.

Wide exposure latitude and processing

Premier and Recording 2000 Films offer excellent latitude and consistency for more predictable results in many types of deep and shallow tank processors, easy calibration, and increased productivity.

High matte films for flexographic applications

The excellent contrast produces improved hard-dot quality and small character reproduction. **Premier** PRDM and PR7M Recording Films provide packaging printers the highest possible resolution, especially when paired with **Kodak Flexcel** SRH, SRM and SRC Flexographic Plates. The films' dual-stage coating offers high, solid density, and high matte means faster drawdown, better imaging, and reduced imaging time.

Built-in linearity

Less curve correction results in more accurate color reproduction and smooth vignettes, time after time.

Flexibility

Kodak offers a full range of recording films for all types of exposure sources. **Kodak Premier** Recording Films are optimized for helium neon and red laser diode output devices, and **Kodak** RLE Recording 2000 Films are designed for red-light emitting diode (LED) devices.

Added protection and convenience

An easy-feed package design allows you to conveniently load film rolls into a cassette under ambient lighting, eliminating the need for a darkroom. Antistatic protection and low sensitivity to scratching reduce the chance of scratches and pinholes that lead to costly remakes.

Kodak Recording Films are ideal for stochastic screening.

Rapid Access Films

Kodak Gen 5 Recording Films

Kodak Gen 5 Recording Films incorporate new innovations in rapid-access technology to allow ultra-fast processing and outstanding chemical efficiency. They're easy to use and compatible with most current RA systems.

Reduced processing time

Develop your films in as little as 30 seconds. Kodak Gen 5 Recording Films save you time, and faster film output equals increased productivity.

Incredible processing latitude

The latest advances in processing technology make Gen 5 Films extremely tolerant of fluctuations in processing or exposure.

Once calibrated, they give you consistent day-to-day performance in your film processor.

Optical quality

Kodak Gen 5 Recording Films produce a sharp dot, hard edges, and exceptional non-image-area clarity.

Low visual D-min and—more important—low UV D-min make plate making and proofing more reliable and predictable.

Open system

Designed with complete compatibility in mind, Gen 5 Films are compatible with rapid-access processing systems. After a quick calibration, you're ready to go.



Kodak Gen 5 Recording Films produce consistent, high-quality results.



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Technical specifications

Kodak Premier Recording Films

	Light source	Thickness	Surface
PRD	Helium neon (HN) or red laser diode (RLD)	.004" / 0.10mm	-
PRDM		.004" / 0.10mm	Matte
PRD7		.007" / 0.18mm	-
PR7M		.007" / 0.18mm	Matte

Kodak Recording 2000 Films

RLE	Red-light-emitting diode (LED)	.004" / 0.10mm	-
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Kodak Gen 5 Films

GRD	Helium neon (HN) or red laser diode (RLD)	.004" / 0.10mm	-
GRDM		.004" / 0.10mm	Matte
GRD7		.007" / 0.18mm	-
GR7M		.007" / 0.18mm	Matte
GIR	Infrared laser diode (IR)	.004" / 0.10mm	-
GIRM		.004" / 0.10mm	Matte
GLE	Red-light-emitting diode (LED)	.004" / 0.10mm	-
GAI	Argon-ion laser (AI)	.004" / 0.10mm	-

Processing specifications

	Dilution		Time/Temperature		Replenishment @ 50% Exp.	
	Premier ¹ and Recording 2000 Films ²	Gen 5 Films ³	Premier ¹ and Recording 2000 Films ²	Gen 5 Films ³	Premier ¹ and Recording 2000 Films ²	Gen 5 Films ³
Kodak RA 2000 Developer and Replenisher	1:2	1:2 or 1:4	30 - 40 sec. @ 35°C	30 - 35 sec. @ 35°C	465ml/m ²	410ml/m ²
Kodak RA 2000P Developer and Replenisher	Kit to make 2 X 20L	Kit to make 2 X 20L	30 - 40 sec. @ 35°C	30 - 35 sec. @ 35°C	465ml/m ²	410ml/m ²
Kodak RA 3000 Fixer and Replenisher	1:3	1:3	30 - 40 sec. @ 33°C	30 - 35 sec. @ 33°C	350ml/m ²	350ml/m ²
Kodak RA 3000P Fixer and Replenisher	Kit to make 2 X 20L	Kit to make 2 X 20L	30 - 40 sec. @ 33°C	30 - 35 sec. @ 33°C	350ml/m ²	350ml/m ²

Not all products available in all regions. Contact your local supplier of **Kodak** Products for availability in your area.

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Produced using Kodak Technology.

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¹ Premier PRD, PRDM, PRD7 and PR7M Films

² RLE Recording 2000 Films

³ Gen 5 GIR, GIRM, GRD, GRDM, GRD7, GR7M, GLE and GAI Films

