

# KODAK PROFESSIONAL GRAPHIC ARTS FILMS AND PAPERS PRODUCT GUIDE

## RECORDING APPLICATIONS [1]

ELECTRONIC RECORDING	KODAK Product	Product Code	Thickness in./mm	Base	Surface	Imaging Scanner	Flexography Antistatic	Exposing Source	Color Sensitivity	Safelight and/or Filter	Processing Chemical [2]	Machine (M)/ Tray (T) Processing Starting Points [3]	Reference Publication on Web [4]	Reference Publication for Faxback [5]						
	<b>Direct Image Thermal Recording Film 1401</b>																			
	1401	1401	.004/.10	ESTAR	—	✓		IR Thermal	Infrared	Roomlight	N/A	None—Dry Process	TI2278	700880						
<b>Recording 2000 Film—Integrated Booster Technology Processing [6, 7, 8]</b>																				
	SHN	2623	.004/.10	ESTAR	—	✓	✓	Helium-neon laser	Red	EncapSulite T20/ND .75	KODAK RA 2000 Developer and Replenisher (1:2)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor (RA 2000 and RA 2001): 30-40 s @ 35°C (95°F)	TI2302	700414						
	SHN7	4623	.007/.18	ESTAR Thick	—	✓	✓													
	SHNM	1623	.004/.10	ESTAR	matte	✓	✓													
	SH7M	7623	.007/.18	ESTAR Thick		✓	✓													
	IHN	2627	.004/.10	ESTAR	—	✓	✓													
	IHN7	4627	.007/.18	ESTAR Thick	—	✓	✓													
	IHNM	1627	.004/.10	ESTAR	matte	✓	✓													
	IH7M	7627	.007/.18	ESTAR Thick		✓	✓													
	SLD	2629	.004/.10	ESTAR	—	✓	✓						Red laser diode	Far red	EncapSulite T20/ND .75	KODAK RA 2000 Developer and Replenisher (1:2)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor (RA 2000 and RA 2001): 30-40 s @ 35°C (95°F)	TI2305	700412	
	SLD7	4629	.007/.18	ESTAR Thick	—	✓	✓													
	SLDM	1629	.004/.10	ESTAR	matte	✓	✓													
	SL7M	7629	.007/.18	ESTAR Thick		✓	✓													
	ILD	2625	.004/.10	ESTAR	—	✓	✓													
	ILD7	4625	.007/.18	ESTAR Thick	—	✓	✓													
	ILD7M	1625	.004/.10	ESTAR	matte	✓	✓													
	IL7M	7625	.007/.18	ESTAR Thick		✓	✓													
	SIR	2616	.004/.10	ESTAR	—	✓	✓	Infrared laser diode	Infrared										TI2181	700408
	IIR	2611	.004/.10	ESTAR	—	✓	✓	Infrared laser diode	Infrared										TI2182	700706
	SAI	2612	.004/.10	ESTAR	—	✓	✓	Argon-ion laser	Blue	EncapSulite KY/1A/Light red				TI1996	700406					
	SA7M	7612	.007/.18	ESTAR Thick	matte	✓	✓													
	SLE	2614	.004/.10	ESTAR	—	✓	✓	Red LED	Far red	EncapSulite T30/ND 1.75	KODAK RA 2000 Developer and Replenisher	M: Advantage™ Processor 24s @ 35°C (95°F)	TI2230	700410						
	ALD	2618				✓	✓	Red laser diode							TI2240	—				

# RECORDING APPLICATIONS [1]

ELECTRONIC RECORDING

KODAK Product	Product Code	Thickness in./mm	Base	Surface	Imaging Scanner	Flexography	Antistatic	Exposing Source	Color Sensitivity	Safelight and/or Filter	Processing Chemical [2]	Machine (M)/ Tray (T) Processing Starting Points [3]	Reference Publication on Web [4]	Reference Publication for Faxback [5]
<b>PAGI-SET Film</b>														
HN	2694	.004/.10	ESTAR	—	✓		✓	Helium-neon laser	Red	EncapSulite T20/ND .75	KODAK RA 2000 Developer and Replenisher (1:4)	M: Rapid Access Processor (RA 2000 or RA 2001): 30 s @ 35°C (95°F)	T11843	700802
IR	2187			—	✓		✓	IR laser diode	Infrared					
IRM	1187			matte	✓		✓							
LD	2787			—	✓		✓	Red laser diode	Far red	Total darkness or EncapSulite T30/ND .75			KODAK RA 2001 Developer (ready to use)	T12097
BC4 Material	—	004/.10	ESTAR	white	[9]			Xenon, CRT	Blue	No. 1 / Dark red			T12165	—
<b>PAGI-SET Paper</b>														
LS	—	.006/.15	Resin-coated	glossy	✓			Argon-ion laser	Orthochromatic	No. 1A / Light red	KODAK RA 2000 Developer and Replenisher (1:4)	M: Rapid Access Processor (RA 2000 or RA 2001): 22 s @ 35°C (95°F)	—	—
HN		.004/.10		matte	✓			Helium-neon laser	Red	Total darkness or No. 3 / Dark green			T11618	710102
IR					✓			IR laser diode	Infrared	EncapSulite T20/ND .75			T11869	710106
LD					✓			Red laser diode	Far red	Total darkness or EncapSulite T30/ND 1.5			T12079	710104
RC Photo-typesetting					[10]			Xenon, CRT	Blue	No. 1 / Dark red			—	—
<b>IMAGELITE Scanner Film</b>														
ESY	2688	.004/.10	ESTAR	—		✓	✓	Argon-ion	Blue	Yellow, A10/ND .3, orange or EncapSulite KY/No. 1A / Light red	KODAK RA 2000 Developer and Replenisher (1:4)	M: Rapid Access Processor (RA 2000 or RA 2001): 30 s @ 35°C (95°F)	T11660	700502
HNF	2695				✓	✓	Helium-neon laser	Red	EncapSulite T20/ND .75	T11841			700504	
IRF	2188				✓	✓	IR laser diode	Infrared		T12039			700506	
LDF	2609				✓	✓	Red laser diode	Far red	Total darkness or EncapSulite T30/ND 1.75	T12096			700508	

# CAMERA, CONTACT AND DUPLICATING APPLICATIONS

KODAK Product	Product Code	Thick-ness in./mm	Base	Surface	Contacting	Duplicating	Etching (Wet/Dry)	Flexography	Camera Half-tone	Camera Line Work	B&W Proofing	Camera Stat Prints	Antistatic	Exposing Source	Spectral Sensitivity	Safelight and/or Filter No.	Processing Chemical [2]	Machine (M)/ Tray (T) Processing Starting Points [3]	Reference Publication on Worldwide Web [4]	Reference Publication for Faxback [5]
<b>Camera 2000 Film—Integrated Booster Technology Processing [6, 8]</b>																				
CGP	2588	.004/.10	ESTAR	—	✓				✓	✓				Camera Projection Speed/ Pulsed Xenon or Quartz	Orthochromatic	EncapSulite R10 / 1A / Light red	KODAK RA 2000 Developer and Replenisher (1:2)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor (RA 2000 and RA 2001) 30-40 s @ 35°C (95°F)  T: 2:45 min @ 20°C (68°F)	TI1995	700002
CGP7	4588	.007/.18	ESTAR Thick	—	✓				✓	✓										
CGPM	1588	.004/.10	ESTAR	matte	✓			✓	✓	✓										
CG7M	7588	.007/.18	ESTAR Thick		✓			✓	✓	✓										
CPN	2516	.004/.10	ESTAR	—					✓	✓				Red	None/ Total darkness			TI2087	700004	
<b>Rapid-Access or Lith Processing</b>																				
CAMERA KODAK EL Camera Film	2606	.004/.10	ESTAR	—	✓				✓	✓				Camera Projection Speed/ Pulsed Xenon or Quartz	Orthochromatic	EncapSulite R10 / 1A / Light Red	M: KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)  KODALITH Blender Concentrates (1:2)  T: KODALITH Liquid 1:3	M: Rapid Access Processor (RA 2000 and RA 2001) 30 s @ 35°C (95°F)  Deep Tank Processor (KODALITH) 1:15 s @ 26.5°C (80°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)  (Liquid) 2:15 min @ 20°C (68°F)	TI2104	700006
<b>Lith Processing</b>																				
KODALITH Ortho Film, Type 3	2556	.004/.10	ESTAR	—	✓				✓	✓				Camera Projection Speed/ Pulsed Xenon or Quartz	Orthochromatic	EncapSulite R10 / 1A / Light red	M: KODALITH Blender Concentrate  T: KODALITH Liquid 1:3	M: Deep Tank Processor (Blender Concentrate) 1:30 min @ 26.5°C (80°F)  T: (Liquid) 2:45 min @ 20°C (68°F)	TI1105	700202
	6556	.0053/.13	Acetate	—						[12]										
<b>PMT 3 Paper—Diffusion Transfer Processing</b>																				
Negative donor	KNP	—	Resin-coated paper	—					✓	✓				Camera Projection Speed/ Pulsed Xenon or Quartz	Orthochromatic	EncapSulite R10 / 1A / Light red	KODAK PMT Activator (ready to use)	Diffusion Transfer( Processor: 4 to 7 s @ 16 to 26.5°C (60 to 80°F)	TI1695	N/A
Matt Receiver	KRPM	.006/.15		matte					✓	✓	✓									
<b>Camera Paper—Rapid-Access Processing</b>																				
Rapid Plus Paper RP7	—	.006/.15	Resin-coated paper	glossy	✓					✓			[13]	Camera Projection Speed/Pulsed Xenon, or Quartz  (Contact application use 100 W Tungsten)	Orthochromatic	EncapSulite R10 / 1A / Light red	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: (RA 2000 and RA 2001) Rapid Access Processor 22 s @ 35°C (95°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	TI1894	710004

# CAMERA, CONTACT AND DUPLICATING APPLICATIONS

KODAK Product	Product Code	Thick-ness in./mm	Base	Surface	Contacting	Duplicating	Etching (Wet/Dry)	Flexography	Camera Halftone	Camera Line Work	B&W Proofing	Camera Stat Prints	Antistatic	Exposing Source	Spectral Sensitivity	Safelight and/or Filter No.	Processing Chemical [2]	Machine (M)/ Tray (T) Processing Starting Points [3]	Reference Publication on Worldwide Web [4]	Reference Publication for Faxback [5]							
<b>Contact 2000 Film—Rapid-Access Processing [7]</b>																											
DA4	2937	.004/.10	ESTAR	—		✓							✓	Metal halide high intensity 1.5 kW [14]	UV	Room light handling/UV-filtered fluorescent roomlight (<40 footcandles) or yellow fluorescent F40G	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor: (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  T: (RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	Ti1879	701202							
DA7	4937	.007/.18	ESTAR Thick			✓						✓															
DA4M	1937	.004/.10	ESTAR	matte		✓		✓					✓											Ti2223	701202		
DA7M	7937	.007/.18	ESTAR Thick				✓		✓										✓								
QDF	2565	.004/.10	ESTAR	—		✓							✓	Quartz 1000 kW or High-intensity metal halide filtered	Short blue UV	Room light handling/subdued UV-filtered roomlight (<20 footcandles) or yellow fluorescent F40G			Ti1509	701206							
QDF7	4565	.007/.18	ESTAR Thick			✓							✓														
<b>VERSALITE Film—Rapid-Access Processing</b>																											
TDF	2553	.004/.10	ESTAR	—		✓								Tungsten or Quartz (point light source) 100 W	Orthochromatic	1A / Light red, dark amber	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor: (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	Ti1578	701210							
<b>Copy-Dot Film—Lith or Rapid-Access Processing</b>																											
KD4	2573	.004/.10	ESTAR	—		✓			✓	✓				Camera Projection Speed/Pulsed Xenon, or Quartz  Contact application use 100 W Tungsten	Orthochromatic	1A / Light red	M: KODALITH Blender Concentrate (1:2)  KODAK 2000 Developer (1:4)  KODAK RA 2001 Developer (ready to use)  T: KODALITH Liquid (1:3)	M: (Blender Concentrate) 1:30 min @ 26.5°C (80°F),  (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  (Liquid) 2:15 min @ 20°C (68°F)	Ti1876	N/A							
KD7	4573	.007/.18	ESTAR Thick	—		✓			✓	✓																	
KDM4	1573	.004/.10	ESTAR	matte		✓		✓	✓	✓																	
KDM7	7573	.007/.18	ESTAR Thick				✓		✓	✓	✓																
<b>Contact 2000 Paper—Rapid-Access Processing</b>																											
DP6M	—	.006/.15	Resin-coated paper	matte		✓								Metal halide high intensity 1.5 kW	UV	Room light handling/UV-filtered fluorescent roomlight (<40 footcandles) or yellow fluorescent F40G	KODAK RA 2000 Developer and Replenisher (1:4 and 1:2)  KODAK RA 2001 Developer (ready to use)	M: Rapid Access Processor (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	Ti1909	710302							

DUPE

# CAMERA, CONTACT AND DUPLICATING APPLICATIONS

KODAK Product	Product Code	Thickness in./mm	Base	Surface	Contacting	Duplicating	Etching (Wet/Dry)	Flexography	Camera Halftone	Camera Line Work	B&W Proofing	Camera Stat Prints	Antistatic	Exposing Source	Spectral Sensitivity	Safelight and/or Filter No.	Processing Chemical [2]	Machine (M)/ Tray (T) Processing Starting Points [3]	Reference Publication on Worldwide Web [4]	Reference Publication for Faxback [5]
<b>Contact 2000 Film—Rapid-Access Processing [7]</b>																				
CA4	2938	.004/.10	ESTAR	—	✓								✓	Metal halide high intensity 1.5 kW	UV	Room light handling/UV-filtered fluorescent roomlight (<40 footcandles) or yellow fluorescent F40G	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	T11826	700902
CA7	4938	.007/.18	ESTAR Thick	—	✓							✓								
CA4M	1938	.004/.10	ESTAR	matte	✓			✓				✓								
CA7M	7938	.007/.18	ESTAR Thick		✓			✓				✓								
CB4	2934	.004/.10	ESTAR	—	✓ [15]		✓					✓								
QCF	2562	.004/.10	ESTAR	—	✓								✓	Quartz halogen 1000 kW or filtered metal halide	Short blue UV	Room light handling/subdued UV-filtered roomlight (<20 footcandles) or yellow fluorescent F40G			T11511	701104
<b>Tungsten Speed Film and Paper—Rapid-Access Processing</b>																				
TCF Film	2551	.004/.10	ESTAR	—	✓									Tungsten or quartz (point light source) 100 W	Blue	1A / Light red, dark amber	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	T11577	701106
TCP Paper	—	.006/.15	Resin-coated paper	matte	✓						✓									
<b>Contact 2000 Paper—Rapid-Access Processing</b>																				
HCP	—	.006/.15	Resin-coated paper	glossy	✓						✓			Metal halide high intensity 1.5 kW	UV	White light handling/UV-filtered fluorescent roomlight (<40 footcandles) or yellow fluorescent (F40G)	KODAK RA 2000 Developer and Replenisher (1:4)  KODAK RA 2001 Developer (ready to use)	M: (RA 2000 and RA 2001) 22 s @ 35°C (95°F)  T: (RA 2000 and RA 2001) 1:00 to 2:00 min @ 20°C (68°F)	T11595	710206
CP6M	—	.006/.15		matte	✓						✓									
QCP	—	.006/.15		matte	✓						✓			Quartz halogen 1000 kW or filtered metal halide	Short blue, UV	Subdued UV-filtered light or <20 footcandles or yellow fluorescent (F40G)				T11549


CONTACT

**NOTES:**

- [1] For a complete listing of OEM scanners/imagesetters, see KODAK Publication No. Q-234, *KODAK Products for Electronic Recording Devices* (available from our web site).
- [2] Products designed for rapid-access processing can also be processed with equivalent results in KODAK ULTRATEC Chemicals. See Reference Publication for time and temperature information.
- [3] Machine and tray processing recommendations are starting points. See Reference Publications for detailed information.
- s = seconds
- [4] Contact Kodak on-line at <http://www.kodak.com/go/professional>
- [5] Kodak operates a Faxback system for many technical documents. In the U.S., call 1-800-242-2424, Ext. 33, for automated instructions. Or, contact the Kodak Information Center 1-800-242-2424, Ext. 724, to speak with a product technical specialist.
- [6] Kodak's "Integrated Booster Technology (IBT)" puts all the elements of today's hybrid film and chemical systems in the film, resulting in the highest quality images produced in a conventional rapid-access developer. This symbol is your assurance of hard dots and high density in an easy-to-use process.
- [7] Dimensionally stable film support that incorporates a highly effective anti-static surface. The anti-stat demonstrates very conductive properties that dissipate static charges on the film with normal handling. This assists in minimizing dust clinging to the film's surface and reduces pinholes.
- [8] For "Integrated Booster Technology" products, actual development times may vary by processor type.
- [9] PABI-SET BC4 Film is intended for barcode applications where high-quality images are required on a durable, white ESTAR Base.
- [10] PABI-SET RC Paper is designed for phototypesetting text only applications.
- [11] KODAK EL Camera Film is suitable for halftone applications when processed in lith developer only.
- [12] KODALITH Ortho Film, Type 3 / 6556, acetate base, is available only in 35 mm format for slide-making applications.
- [13] You can use RP7 paper to make reverse prints in cameras equipped with lateral reversing optics.
- [14] For contacting applications where a metal-halide high -intensity (15 kW) light source is indicated, use of photopolymer style bulb (iron doped) is preferred.
- [15] KODAK Contact 2000 Film CB4 is also suitable for wet or dry etching applications.

*For more information, contact Kodak on-line at:*

***<http://www.kodak.com/go/professional>***

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Monday–Friday, 8 a.m.–5 p.m. (Eastern time)*



Kodak Professional Division  
Eastman Kodak Company

KODAK Graphic Arts Films and Papers—for Electronic Recording,  
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