TI1995 Revised 7-01

KODAK Camera 2000 Film CGP / 2588
KODAK Camera 2000 Film CGP7 / 4588
KODAK Camera 2000 Film CGPM / 1588
KODAK Camera 2000 Film CG7M / 7588

Features / Customer Product Specifications

- An extremely high contrast, orthochromatic film.
- For graphic arts line, halftone, and contact applications.
- Dimensionally stable ESTAR Base.
- Compatible with other KODAK Products processed in easy-to-use KODAK RA 2000 Developer and Replenisher(for machine or tray processing).
- CGPM and CG7M Films have a special matte surface on the emulsion side for rapid, uniform vacuum drawdown when using flexographic or smooth-surface printing plates.

Safelight Recommendations

Use a KODAK 1A Safelight Filter / light red in a suitable safelight lamp equipped with a 15-watt bulb. Keep the film at least 4 feet (1.2 metres) from the safelight.

Storage

Keep unexposed film and processed film in a cool, dry place. Process film as soon as possible after exposure.

Exposure

RELATIVE EXPOSURE INDEX -

Exposure Orientation	System	Pulsed-Xenon	Tungsten or Quartz-Halogen
To emulsion	ISO (ASA/DIN)	20/14	20/14

These indexes are provided primarily as indicators of the relative speed of this film when compared with other Kodak graphic arts photographic materials. The pulsed-xenon value indicates the film's relative speed to pulsed-xenon illumination as measured by a light integrator. Index numbers for the other light sources can be used with photoelectric exposure meters to help establish trial exposures. A 2-times film-speed increase is indicated in the ASA system by doubling the index number and in the DIN system by increasing the number by 3.

EXAMPLES OF CAMERA EXPOSURES -

- Line Exposure: For a same-size (1:1) line reproduction exposing with four 1500-watt pulsed-xenon lamps at 3 feet (0.9 metre) from the center of the copyboard, use a trial exposure of 8 seconds at f/22.
- Halftone Exposure: Make a trial exposure using a contact screen suitable for use with KODAK Camera 2000 Films.

EXAMPLE OF CONTACT EXPOSURE -

Exposing with a variable voltage point-source lamp operated at 16 volts at a distance of 5 feet (1.5 metres) from the exposure plane—approximately 4 footcandles (43 lumens/square metre), use a trial exposure of:

To the emulsion—6 to 11 seconds (with a 1.0 neutral density filter)

FILTER FACTORS -

When a filter is used, multiply the amount of unfiltered exposure by the filter factor shown below. Because lighting conditions vary, these factors may require adjustments.

	KODAK WRATTEN Gelatin Filter			
Light Source	**No. 8**	**No. 15**	**No. 47B**	**No. 58**
Pulsed-Xenon	1.5	2.0	12.0	4.0
Quartz-Halogen	1.5	2.0	20.0	2.5

NOTE: It is recommended that the manufacturer of the pulsed-xenon or quartz-halogen lamps be consulted for safety information pertaining to ultraviolet radiation and ventilation requirements due to ozone generation.

Processing

NOTICE! Observe precautionary information on product labels and on Material Safety Data Sheets.

NOTE: Contamination of the developer with small amounts of fixer may result in speed or density loss.

MECHANIZED PROCESSING -
The recommended starting points for optimum results using KODAK RA 2000 Developer and Replenisher (1:2) are:

Deep-Tank Processors	120 seconds at 75°F (24°C)
	105 seconds at 80°F (27°C)
	90 seconds at 85°F (30°C)
Rapid Access Processors	30 seconds at 95°F (35°C)

Use a fixer such as KODAK 3000 Fixer and Replenisher.

As a starting point, do not add hardener to the fixer. However, if abrasion or any other transport problems occur in processing, add 3.2 oz of KODAK 3000 Fixer Part B (hardener) per working-strength gallon of fixer. Add Part B following recommended instructions (slowly and mixing throughly).

Kodak Polychrome Graphics LLC
Norwalk, CT 06850
USA

End of Instruction Sheet

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1) Support

Dimensionally stable support:

CGP	4-mil (0.004-in., 0.10 mm)	ESTAR Base
CGP7	7-mil (0.007-in., 0.18 mm)	ESTAR Thick Base
CGPM	4-mil (0.004-in., 0.10 mm)	ESTAR Base, with matte
CG7M	7-mil (0.007-in., 0.18 mm)	ESTAR Thick Base,with matte

2) Graphs[1]

Characteristic

A) CGP and CGP7 Films (6-92)
B) CGPM and CG7M Films (12-92)

Spectral Sensitivity

C) (8-92)

The products mentioned in this document may not be available in all regions or countries. If you have questions or need assistance, contact your local Kodak Polychrome Graphics representative or visit our website: www.kpgraphics.com.

The contents of this publication are subject to change without notice.

Kodak Polychrome Graphics LLC
Norwalk, CT 06850
USA

End of Data Sheet

[1]NOTICE: While the data presented are typical of production coatings, they do not represent standards that must be met by Kodak Polychrome Graphics. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve product characteristics at any time.

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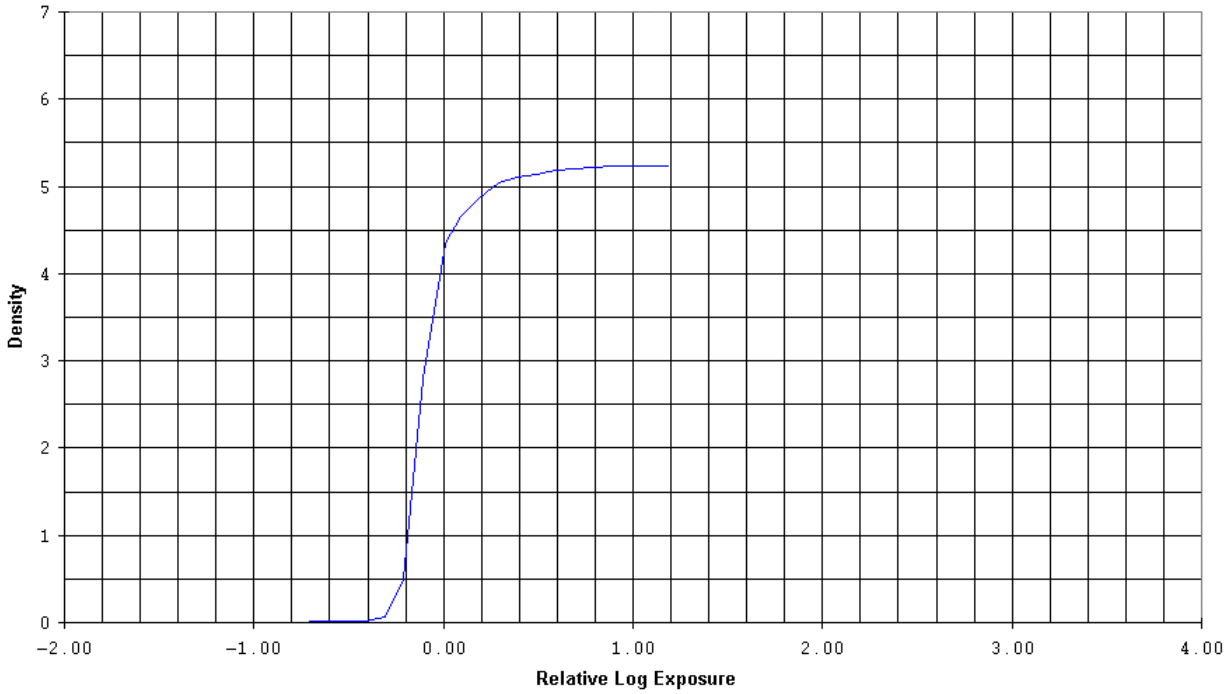
CHARACTERISTIC, For Publication

KODAK Camera 2000 Film CGPM, CG7M/1588, 7588
Pulsed-Xenon 10 sec; KODAK RA 2000 Developer and Replenisher (1:2)
KODAMATIC 710 Processor, 30 sec at 95F (35C); Diffuse viaual



Notice: While the data presented are typical of production coatings, they do not represent standards which must be met by Eastman Kodak Company. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve the product characteristics at any time.

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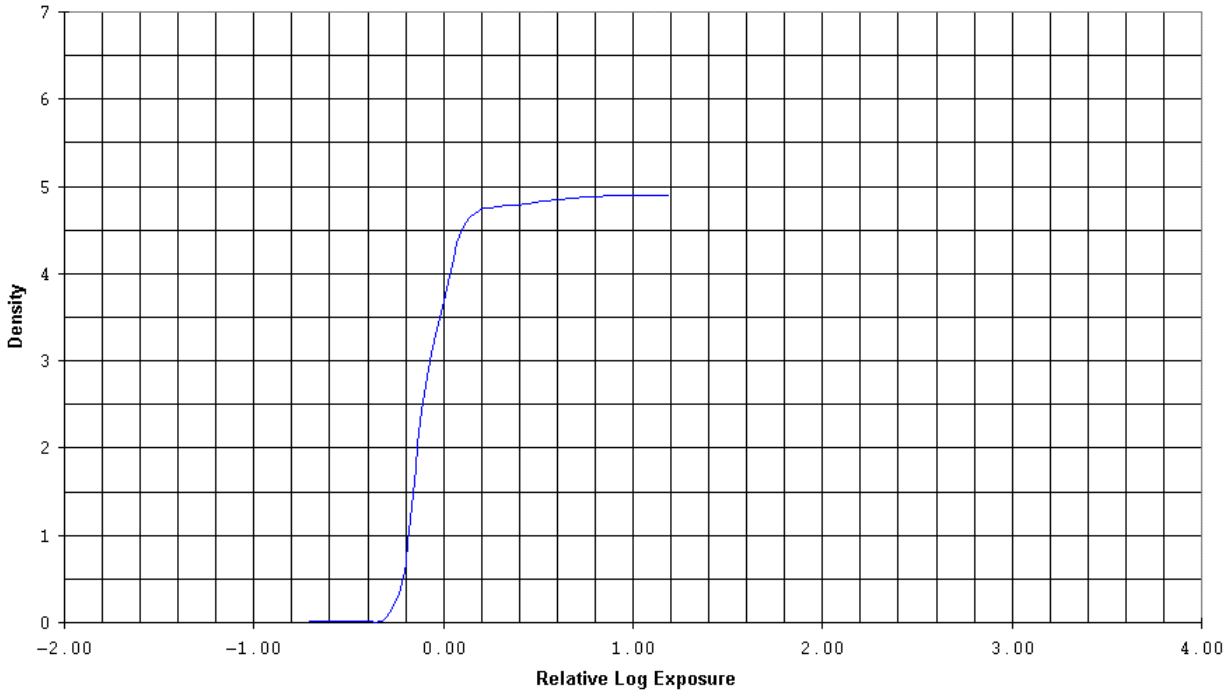
CHARACTERISTIC, For Publication

KODAK Camera 2000 Film CGPM, CG7M/1588, 7588
Pulsed-Xenon 10 sec; KODAK RA 2000 Developer and Replenisher (1:2)
KODAMATIC 710 Processor, 30 sec at 95F (35C); Diffuse visual



TI1995C 05-94
SPECTRAL SENSITIVITY, For Publication

KODAK Camera 200 Film CGP, CGP7, CGPM, CG7M/2588,4588, 1588, 7588
Effective Exp 1.4 sec; KODAK RA 2000 Developer and Replenisher
KODAK VERSAMAT Film Processor, Model 317 and KODALITH Processor, Model 324
24 sec at 90F (32C); Diffuse visual