TI2002 Revised 7-01

KODAK Camera 2000 Film CFZ / APR

Features / Customer Product Specifications

- Intended for exposure on the Screen FINEZOOM C-800-F Daylight Camera.
- Dimensionally stable ESTAR Base.
- Has a lower density antihalation backing than KODAK ULTRATEC UCS Film. This minimizes the additional exposure required when exposing the film from the base side.

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	Tungsten or System	Quartz-Halogen
To emulsion	ISO (ASA/DIN)	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. One camera stop increase is indicated in the ISO/ASA System by doubling the index number and in the DIN system by increasing the number by 3. Index numbers for the other light sources can be used with photoelectric exposure meters to help establish trial exposures.

EXAMPLES OF CAMERA EXPOSURES -
Screen FINEZOOM C-800 Camera -

Emulsion-Side Exposure:	76 units, processed at 32°C (90°F), 24 sec
Base- Side Exposure:	88 units, processed at 32°C (90°F), 24 sec

Conventional Cameras -

- 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: Gray contact screens, expose for about 17 seconds at f/16.

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 6 to 11 seconds (with a 1.0 neutral density filter), to the emulsion.

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.

Light Source	KODAK WRATTEN Gelatin Filter			
	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

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

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

MECHANIZED PROCESSING -
The recommended starting point for optimum results for copy-dot and Ming-Gothic reproduction and for maximum productivity using KODAK RA 2000 Developer and Replenisher (1:2) is:

32°C (90°F) at 24 sec

The recommended replenishment rates for this cycle are:

90% D-max	0.50 mL/sq in
50% D-max	0.35 mL/sq in

If an additional 0.10 log E film speed is required, process at:

35°C (95°F) at 30 sec

Use a fixer such as KODAK RA 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 thoroughly).

Kodak Polychrome Graphics LLC
Norwalk, CT 06850

End of Instruction Sheet

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1) Support

Dimensionally stable support:

CFZ	4-mil (0.004-in., 0.10 mm)	ESTAR Base

2) Graphs[1]

Characteristic

A) (6-92)

Spectral Sensitivity

B) (6-92)

NOTE: The products mentioned in this document may not all 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.

Kodak Polychrome Graphics LLC
Norwalk, CT 06850

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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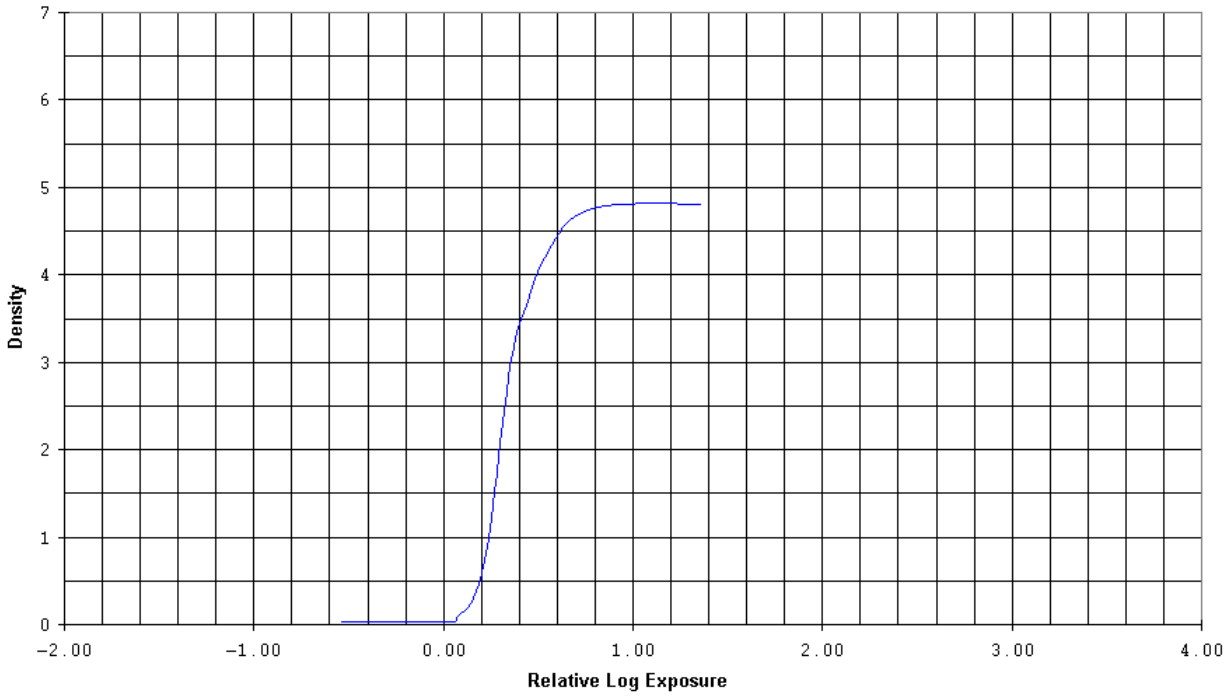
CHARACTERISTIC, For Publication

KODAK Camera 2000 Film CFZ
KODAK Camera 2000 Film CFZ7
Pulsed-Xenon 10sec; KODAK RA 2000 Developer and Replenisher (1:2)
KODAMATIC 710 Processor, 24 sec at 90F (32C) ; Diffuse visual



TI12002B 08-92
SPECTRAL SENSITIVITY, For Publication

KODAK Camera 2000 Films CFZ, CFZ7
Effective Exp1.4 sec; KODAK RA 2000 Developer and Replenisher (1:2),
24 sec at 90F (32C); Diffuse visual

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