KODAK Color Teleprint Film 5381™ / 7381™

LOW CONTRAST. GREAT TRANSFERS. MINIMUM HASSLE.

Now there's KODAK Color Teleprint Film 5381 (35 mm) and 7381 (16 mm) — an ultra-low contrast print film created specifically for easier, better-looking telecine transfers. It brings a new simplicity, and a new level of hassle-free quality, to every step in the process.

In the laboratory, this film can be processed and printed the same as EASTMAN EXR Color Print Film 5386, with the same timing lights, the same LAD aims, and without special adjustments of equipment. So, productivity can be improved — and the risk of errors and the need for remakes can be minimized.

At the transfer house, this film enables fast, efficient telecine transfers, It gives the operator the flexibility to manipulate the telecine to create the look the customer wants — and provide good quality transfers, even with telecines of limited dynamic range.

KODAK Color Teleprint Film 5381 / 7381 offers creativity and control with few compromises. Tone scale reproduction is improved. Shadow detail can be enhanced without losing detail in the highlights. And it's easier to balance for pleasing skin tones without the use of "secondaries."

In terms of sound, the lower blue D-min of this film provides better signal-to-noise ratio and frequency response.

KODAK Color Teleprint Film 5381 / 7381 raises the standards for low-contrast print film and brings a new level of quality — and convenience — to the creation of images on television.

BASE

Clear acetate base with rem-jet backing.

DARKROOM RECOMMENDATIONS

Carefully make safelight tests before proceeding with production work. You can use low-intensity tungsten illumination with a KODAK 8 Safelight Filter / dark yellow or a sodium-vapor lamp with appropriate filters. The sodium-vapor lamp provides the best visual efficiency with the least effect on the film. In the processing area, handle the film under safelight after the stop bath.

PROCESSING

ECP-2B

STORAGE

Store *unexposed film* at 13˚C (55˚F) or lower. For storage of unexposed film longer than 6 months, store at –18˚C (0˚F). Process film promptly.

COLOR BALANCE

You can use additive and subtractive printing methods with preprint materials that have colored-coupler masking.

LABORATORY AIM DENSITY

The Status A density aim is:.

	R	G	B
Density	1.10	1.06	1.03

PICTORIAL PRINTING

Printing KODAK Color Teleprint Film 5381 / 7381 at the same timing lights used for printing EASTMAN EXR Color Print Film 5386 / 2386 will provide optimum prints for telecine transfer.

SOUND-TRACK PRINTING

This film is designed for a variable-area positive sound track of silver plus dye printed from a negative sound track on EASTMAN EXR Sound Recording Film 2378 E / 3378 E / 5378 / 7378 or on KODAK Panchromatic Sound Recording Film 2374. Expose the top two emulsion layers only by using a filter pack in the light beam comprised of KODAK WRATTEN Gelatin Filters No. 2B and No. 12. The optimum variable-area sound-track density for the print lies between 0.8 and 1.2 (read at 800 nm). This print density will provide a good compromise between signal-to-noise ratio and frequency response. Determine the density of the 2378 E / 3378 E / 5378 / 7378 and 2374 Film sound-track negative required to produce optimum print density by using recognized cross-modulation test procedures.

Note: Practical test data indicate the No. 2B filter may be omitted with no significant loss of sound quality.

RECIPROCITY

No filter corrections or exposure adjustments for exposure times from 1/2500 of a second to 1 second.

IDENTIFICATION

After processing, “KODAK 381 Safety Film” is visible along the length of the film.

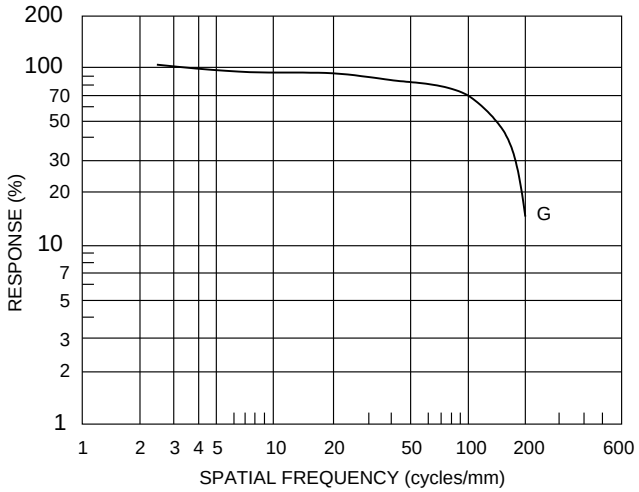
POST-PRODUCTION INFORMATION

When you transfer the film directly to video, you can set up the telecine with KODAK Telecine Analysis Film (TAF) produced on KODAK Color Teleprint Film. The Telecine Analysis Film consists of a neutral density scale and an eight-bar color test pattern with an LAD gray surround.

The TAF gray scale provides the telecine operator (colorist) with an effective way to adjust subcarrier balance and to center the telecine controls before timing and transferring a film. The TAF color bars provide the utility of electronic color bars, even though they do not precisely match the electronically generated color bars. Using the TAF will help obtain optimum quality and consistency in the film-to-video transfer.

MODULATION-TRANSFER CURVE

This graph shows a measure of the visual sharpness of this film. The x-axis, “Spatial Frequency,” refers to the number of sine waves per millimetre that can be resolved. The y-axis, “Response,” corresponds to film sharpness. The longer and flatter the line, the more sine waves per millimetre that can be resolved with a high degree of sharpness — and, the sharper the film.

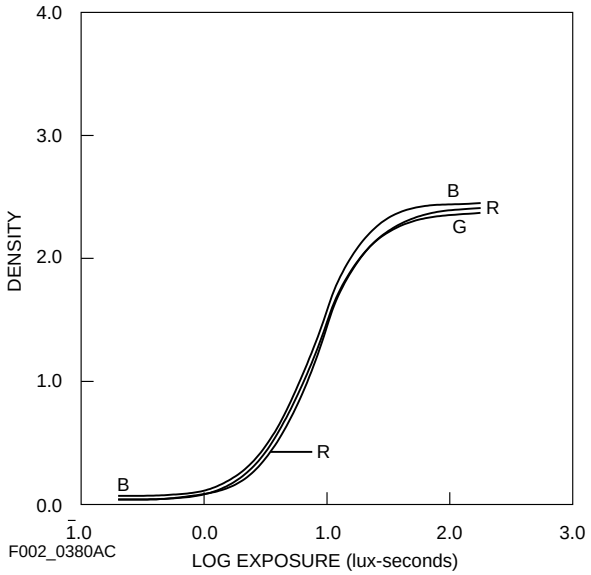


F002_0381AC

Note: These photographic modulation-transfer values were determined by using a method similar to the one described in ANSI Standard PH2.39-1988 (R1990). The film was exposed with the specified illuminant to spatially varying sinusoidal test patterns having an aerial image modulation of a nominal 35 percent at the image plane, with processing as indicated. In most cases, the photographic modulation-transfer values are influenced by development-adjacency effects and are not equivalent to the true optical modulation-transfer curve of the emulsion layer in the particular photographic product.

SENSITOMETRIC CURVES

The curves describe this film's response to red, green, and blue light. Sensitometric curves determine the change in density on the film for a given change in log exposure.



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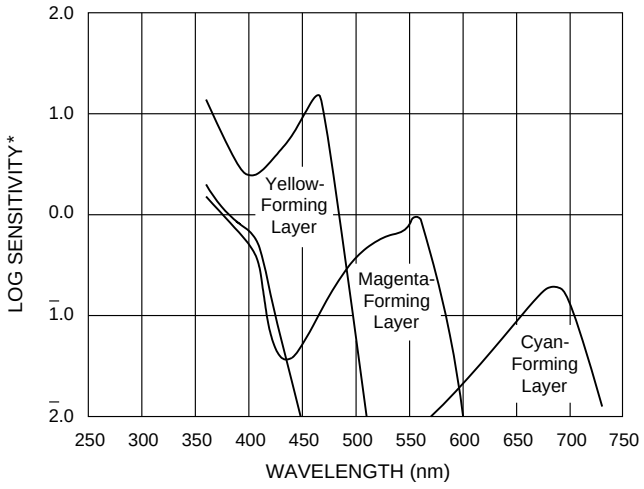
SPECTRAL-SENSITIVITY CURVES

These curves depict the sensitivity of this film to the spectrum of light. They are useful for adjusting optical printers and film recorders and for determining, modifying, and optimizing exposure.



*Sensitivity = reciprocal of exposure (ergs/cm^2) required to produce specified density

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STANDARD PRODUCTS AVAILABLE

KODAK Color Teleprint Film 5381/7381		
Format	**Length in Feet (Metres)**	**Perforation/Pitch**
35 mm TLP665	2000 (610)	KS-1870
35 mm TLP701	2000 (610)	BH-1870
35 mm TLP779	3000 (915)	KS-1870
35 mm TLP779	4000 (1220)	KS-1870
16 mm TLP452	2000 (610)	2R-3000
16 mm TLP618	2000 (610)	1R-3000
16 mm TLP561	2600 (793)	2R-3000
16 mm TLP618	3000 (915)	1R-3000

ADDITIONAL INFORMATION

For assistance, call the Kodak Information Center in the U.S. at 1-800-242-2424 between 8 a.m. and 8 p.m. (Eastern time), Monday –Friday; or in Canada at 1-800-465-6325 between 8:30 a.m. and 5 p.m. (Eastern time).

PROCESSING

Manual for Processing EASTMAN Motion Picture Films, Process ECP-2B Specifications, Module 9
KODAK Publication No. H-24.09

IMAGE STRUCTURE

EASTMAN Professional Motion Picture Films
KODAK Publication No. H-1

The Book of Film Care
KODAK Publication No. H-23

STORAGE

EASTMAN Professional Motion Picture Films
KODAK Publication No. H-1

LAD

LAD — Laboratory Aim Density
KODAK Publication No. H-61

TRANSFER

KODAK Telecine Analysis Film User's Guide
KODAK Publication No. H-8-22

KODAK ON-LINE AT:

http://www.kodak.com

KODAK LOCATIONS

FOR DIRECT ORDERING IN THE UNITED STATES:
1-800-621-FILM

ATLANTA, GEORGIA
4 Concourse Parkway
Suite 300
Atlanta, Georgia 30328-5379
Information: 800-800-8398

CHICAGO, ILLINOIS
1901 West 22nd Street
Oakbrook, Illinois 60521-1283
Information: 708-218-5169

DALLAS, TEXAS
11337 Indian Trail
Dallas, Texas 75234
Information: 972-481-1170

HOLLYWOOD, CALIFORNIA
6700 Santa Monica Boulevard
P. O. Box 38939
Hollywood, California 90038-1203
Information: 213-464-6131

NEW YORK, NEW YORK
360 West 31st Street
New York, New York 10001
Information: 212-631-3450

FOR DIRECT ORDERING IN CANADA:
1-800-465-6325

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14 Place du Commerce
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Verdun, Quebec, Canada H3E 1T5
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3500 Eglinton Avenue West
Toronto, Ontario, Canada M6M 1V3
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Vancouver, British Columbia, Canada V6Z 2L2
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Professional Motion Imaging

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