KODAK VISION 800T Color Negative Film / 5289™ / 7289™

THE FILM YOU WISHED FOR

Here's the film you wished for…for those times when you need to dig deeper into the shadows…when you'd like the sky to hold the daylight just a little bit longer…when you want more play in the depth of field. Now there's KODAK VISION 800T Color Negative Film. With an exposure index of 800 in tungsten light, this is the world's fastest color negative motion picture film—a film worthy of the KODAK VISION Film family name. It delivers the speed and latitude you need; the color reproduction that enables you to intercut it with other Kodak film products; and the sharpness and grain structure you would expect only in products of a slower speed.

So, use the speed for any purpose you choose. To use ambient light as fill. To capture fast action. To manipulate your exposure. To increase the depth of field. To work longer into the magic hour. And do it all without compromise because you are working with a KODAK VISION Film.

Of course, this film (like other members of the family of KODAK VISION Films) is made in the most advanced Kodak sensitizing complex in the world. So you can trust its consistency – emulsion to emulsion, roll to roll, batch to batch. And, because it's from Kodak, it's available when you need it, where you need it, virtually everywhere in the world.

KODAK VISION 800T Color Negative Film. In gold cans, with scannable bar codes, and peelable labels. Fast. Flexible. And a proud new member of the Kodak motion picture film family for filmmakers who need to turn wishes into reality.

BASE

Acetate safety base with rem-jet backing.

DARKROOM RECOMMENDATIONS

Do not use a safelight. Handle unprocessed film in total darkness.

PROCESSING

ECN-2

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.

EXPOSURE INDEX

Tungsten (3200 K) — 800; Daylight (5500 K) — 500 (with KODAK WRATTEN Gelatin Filter No. 85).

LABORATORY AIM DENSITY

Time negative originals relative to Laboratory Aim Density (LAD) Control Film supplied by Eastman Kodak Company.

COLOR BALANCE

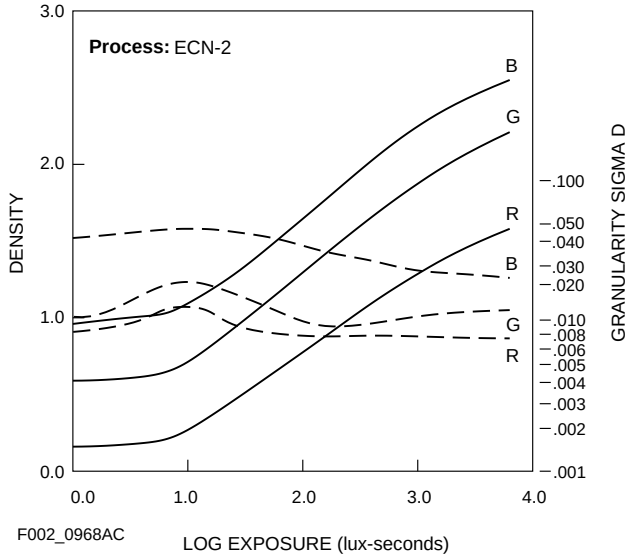
This film is balanced for exposure with tungsten illumination (3200 K). You can also expose it with tungsten lamps that have slightly higher or lower color temperature (± 150 K) without correction filters, since final color balancing can be done in printing. For other light sources, use the correction filters in the table below.

LIGHT SOURCE	*KODAK* FILTERS ON CAMERA*	EXPOSURE INDEX
Tungsten (3000 K)	WRATTEN Gelatin No. 82B	500
Tungsten (3200 K)	None	800
Tungsten Photoflood (3400 K)	None	800
Daylight (5500 K)	WRATTEN Gelatin No. 85	500
White-Flame Arcs	WRATTEN Gelatin No. 85B	320
Yellow-Flame Arcs	WRATTEN Gelatin / Color Compensating 20Y	500
OPTIMA 32	None	800
VITALITE	WRATTEN Gelatin No. 85	500
Fluorescent, Cool White	WRATTEN Gelatin No. 85 + 10M	320
Fluorescent, Deluxe Cool White	WRATTEN Gelatin No. 85C + 10R	500
Metal Halide (H.M.I.)	WRATTEN Gelatin No. 85	500

* These are approximate corrections only. Make final corrections during printing.

DIFFUSE RMS GRANULARITY CURVES

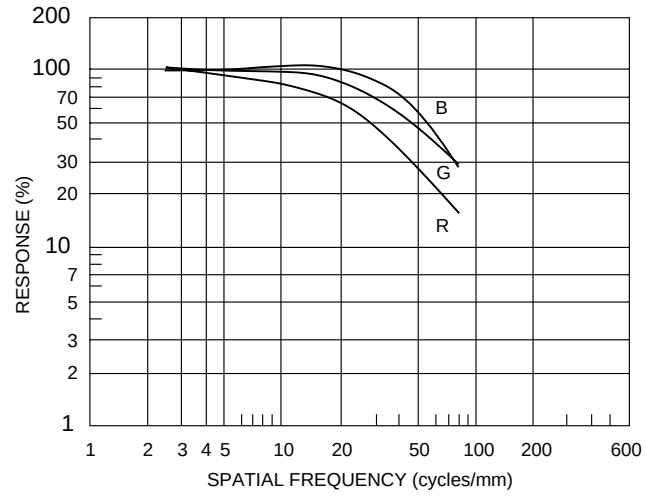
To find the rms granularity value for a given density, find the density on the left vertical scale and follow horizontally to the sensitometric curve and then go vertically (up or down) to the granularity curve. At that point, follow horizontally to the Granularity Sigma D scale on the right. Read the number and multiply by 1000 for the rms value.



F002_0968AC

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.



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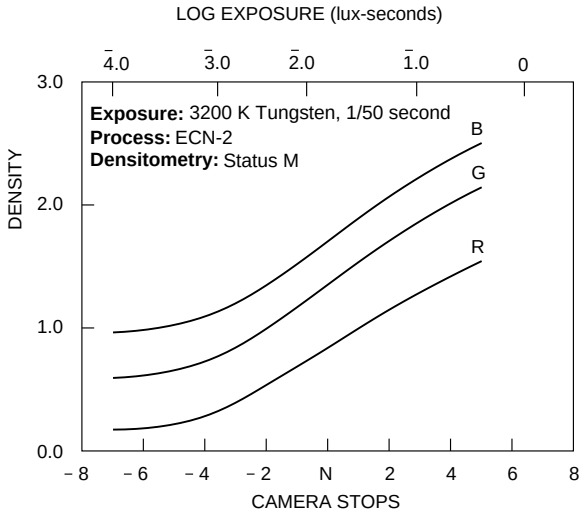
SENSITOMETRIC CURVES

The point "N" on the x-axis corresponds to a normal exposure of an 18-percent gray card in the red, green, and blue layers of this film. To determine optimum lighting levels for your particular production, shoot an exposure series and establish the density of a normally exposed 18-percent gray card. Use the sensitometric curves to estimate density changes caused by altered exposure conditions. Note that a one stop exposure change corresponds to a 0.3 log exposure change to the film, and a change of 0.025 in density is approximately equal to one printer light in laboratory color timing.



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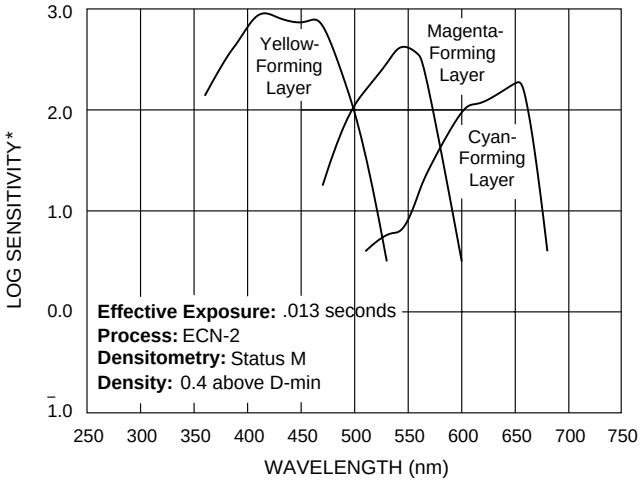
SPECTRAL-SENSITIVITY CURVES

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 for blue- and green-screen special-effects work.



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

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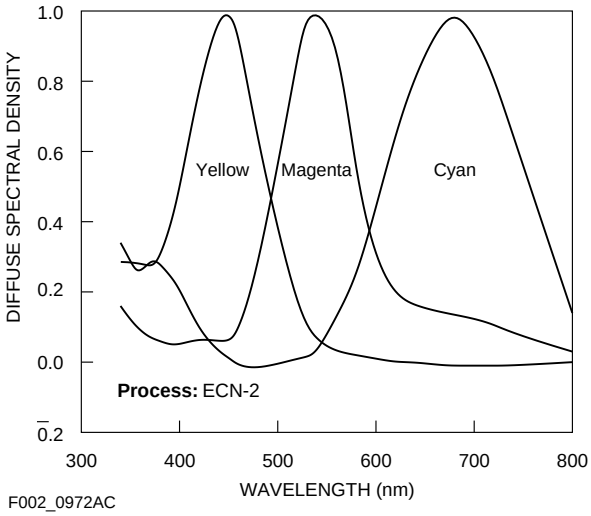
SPECTRAL DYE PEAKS

The net negative densities for the cyan dye curve are a natural consequence of the level of the magenta masking coupler. The level was chosen to give flat correction averaged over a range of wavelengths—there will be a slight overcorrection at some wavelengths and a slight undercorrection at others.



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POST-PRODUCTION INFORMATION

When you transfer this film directly to video, set up the telecine using negative KODAK Telecine Analysis Film (TAF) for use with all KODAK VISION and EXR Negative Films (except KODAK PRIMETIME 640T Teleproduction Film).

RECIPROCITY

No filter corrections or exposure adjustments for exposure times from 1/1000 to 1 second. If your exposure is in the 10-second range, increase your exposure 2/3 stop.

IDENTIFICATION

After processing, the Kodak internal product symbol (R), product code number 5289 (35 mm) or 7289 (16 mm), emulsion and roll number identification, and EASTMAN KEYKODE Numbers are visible along the length of the film.

GRAIN

The "perception" of graininess of any film depends on scene content, complexity, color, and density. Other factors, such as film age, processing, exposure conditions, and telecine transfer may also have significant effects.

SHARPNESS

The "perceived" sharpness of any film depends on various components of the motion picture production system. The camera and projector lenses and film printers, and other factors, play a role, but the specific sharpness of a film can be measured and charted in the **Modulation-Transfer Curve**.

STANDARD PRODUCTS AVAILABLE

KODAK VISION 800T Color Negative Film / 5289 / 7289			
Identification #	**Length in Feet (Metres)**	**Description**	**Perforation**
35 mm VCN718	200 (61)	On Core	BH-1866
35 mm VCN718	400 (122)	On Core	BH-1866
35 mm VCN718	1000 (305)	On Core	BH-1866
65 mm VCN332	1000 (305)	On Core	KS-1866
16 mm VCN457	400 (122)	On Core, Winding B	1R-2994

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).

Films

Cinematographer's Field Guide
KODAK Publication No. H-2

Processing

Manual for Processing KODAK Motion Picture Films, Process ECN-2 Specifications, Module 7

KODAK Publication No. H-24.07 or see our website at www.kodak.com/go/motion

Image Structure

KODAK Motion Picture Film
KODAK Publication No. H-1

Storage

KODAK Motion Picture Film
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-822

KODAK Telecine Exposure Calibration Film User's Guide
KODAK Publication No. H-807

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

815 West Van Buren, Suite 320
Chicago, Illinois 60607
Information: 312-492-1423

DALLAS, TEXAS

11337 Indian Trail
Dallas, Texas 75229
Information: 972-481-1150 or 312-492-1423

HOLLYWOOD, CALIFORNIA

6700 Santa Monica Boulevard
P. O. Box 38939
Hollywood, California 90038-1203
Information: 323-464-6131

NEW YORK, NEW YORK

360 West 31st Street
New York, New York 10001-2727
Information: 212-631-3450

LATIN AMERICAN REGIONAL OFFICE

8600 NW 17th Street, Suite 200
Miami, Florida 33126
Information: 305-507-5656

FOR DIRECT ORDERING IN CANADA:
1-800-621-FILM

MONTREAL, CANADA

Kodak Canada Inc.
4 Place du Commerce
Ile des Soeurs
Verdun, Quebec, H3E 1J4, Canada
Information: 514-761-3481

TORONTO, CANADA

Kodak Canada Inc.
3500 Eglinton Avenue West
Toronto, Ontario, M6M 1V3, Canada
Information: 416-766-8233

VANCOUVER, CANADA

Kodak Canada Inc.
4185 Still Creek Drive
Burnaby, British Columbia, V5C 6G9, Canada
Information: 604-320-1777

KODAK On Line At:
http://www.kodak.com/go/motion

KODAK SHOOTSAVER Express Film Delivery Service (U.S. Only) 1-800-404-2016 (Visa or MasterCard only—service fee applies)

Professional Motion Imaging

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