



KODAK EKTACHROME 100D COLOR REVERSAL FILM / 7294

Shoot With a Film Icon

The unparalleled look of KODAK EKTACHROME is waiting...

For decades, KODAK EKTACHROME set the standard for filmmakers seeking beautiful grain, clean vibrant colors and a distinctive aesthetic. Now KODAK EKTACHROME 100D Color Reversal Film / 7294 carries that standard forward into the future, for a new wave of filmmakers to embrace.

Making more of daylight illumination, KODAK EKTACHROME 100D Color Reversal Film / 7294's dense blacks, rich deep color, neutral gray scale and true-to-life skin tones will elevate your storytelling, frame by frame.

With exceptional sharpness and an extremely fine grain, it offers outstanding, consistent, uniform results in outdoor light or in well lit studio applications where moderate color saturation is required.

What's more, KODAK EKTACHROME 100D Color Reversal Film / 7294 also has very strong reciprocity and keeping stability so you can trust each shot will remain exactly as you pictured it.

Conventional or creative. Product, landscape, nature or fashion. Choose KODAK EKTACHROME 100D Color Reversal Film / 7294 to realise your vision – through the flawless beauty of film.



KODAK EKTACHROME 100D

COLOR REVERSAL FILM / 7294

Base

KODAK EKTACHROME 100D Color Reversal Film / 7294 has an acetate safety base.

Darkroom Recommendations

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

Processing

Process this film in E-6 Chemicals, cine machine only.

Duplication

To make color positive duplicates, scan the film images and output them KODAK VISION Color Print Film / 2383.

Storage

Store unexposed film at 13°C (55°F) or lower. For extended storage, store at -18°C (0°F) or lower. Process exposed film promptly. Store processed film according to the recommendations in NAPM IT9.11-1992: for medium-term storage (minimum of ten years), store at 10°C (50°F) or lower at a relative humidity of 20 to 30 percent; for extended-term storage (for preservation of material having permanent value), store at 2°C (35°F) or lower at a relative humidity of 20 to 30 percent. For active use, store at 25°C (77°F) or lower, at a relative humidity of 50 +/- 5 percent.

Exposure Index

Daylight (5500K) - 100

Tungsten (3200K) - 25

Use these indexes with incident or reflected light exposure meters and cameras marked for ISO or ASA speeds or exposure indexes.

Reciprocity

You do not need to make any filter corrections or exposure adjustments for exposure times from 1/10,000 to 1 second.

Identification

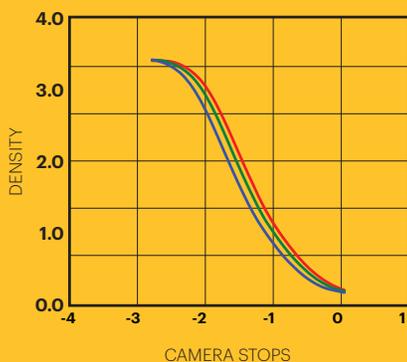
After processing, the product code numbers 7294 (16 mm), emulsion and roll number identification, KEYCODE numbers, and internal product symbol (EA) are visible along the length of the film.

Light Source	KODAK Filters on Camera*	Exposure Index
Daylight (5500 K)	None	100
Metal Halide	None	100
H.M.I.	None	100
KINO FLO KF55	None	100
Tungsten (3000 K)	WRATTEN2 Optical No. 80A	25
Tungsten (3200 K)	WRATTEN2 Optical No. 80A	25
KINO FLO KF29	WRATTEN2 Optical No. 80A	25
KINO FLO KF32	WRATTEN2 Optical No. 80A	25
Fluorescent, Warm White †	WRATTEN2 CC40B + CC05C	40
Fluorescent, Cool White †	WRATTEN2 CC20M	80

*These are approximate corrections only.

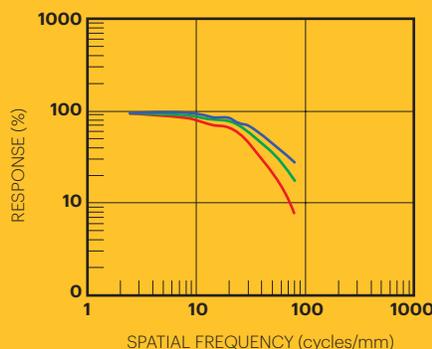
† These are starting point recommendations for trial exposures. If the kind of lamp is unknown, a KODAK WRATTEN2 Color Compensating Filter CC20M + CC10B can be used with an exposure index (EI) of 64.

Note: Consult the manufacturer of high-intensity ultraviolet lamps for safety information on ultraviolet radiation and ozone generation.



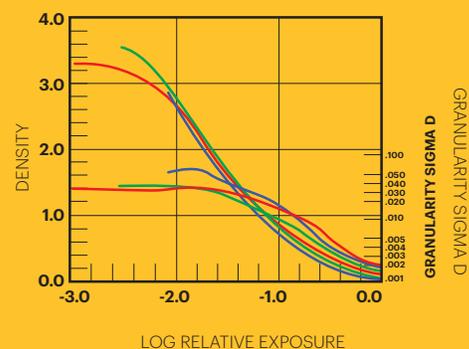
SENSITOMETRIC CURVES

"0" on the x-axis represents normal exposure of an 18-percent gray card in the red, green, and blue layers of this film. A white card is 2½ stops higher than normal exposure, and there are at least 3½ stops above that for capturing specular highlight detail. A 3-percent black card is 2½ stops below normal exposure. There are at least 2½ stops of latitude below that for capturing shadow detail.



MODULATION-TRANSFER CURVES

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 millimeter that can be resolved. The y-axis, "Response," corresponds to film sharpness. The longer and flatter the line, the more sine waves per millimeter that can be resolved with a high degree of sharpness — and the sharper the film.



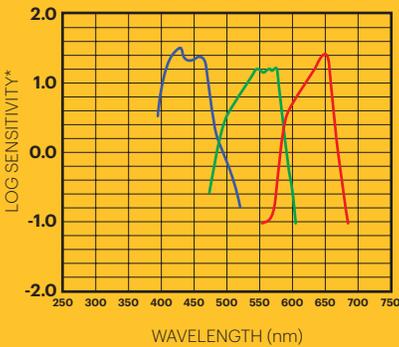
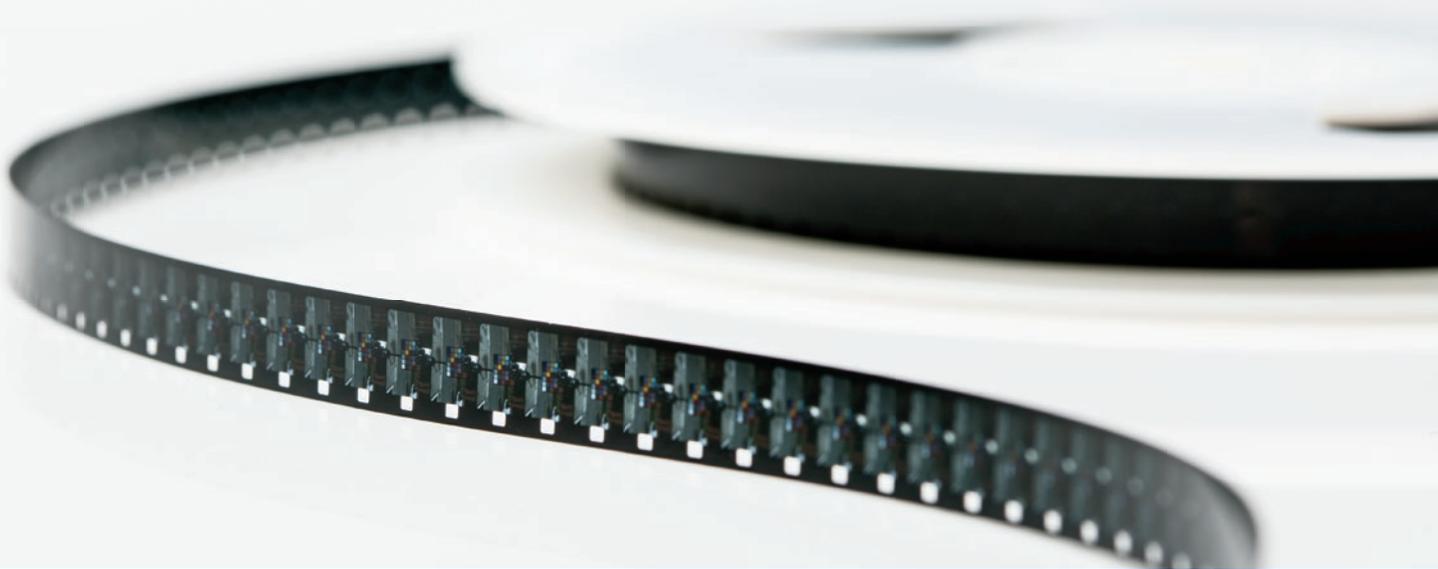
DIFFUSE RMS GRANULARITY CURVES

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.

STANDARD PRODUCTS AVAILABLE*

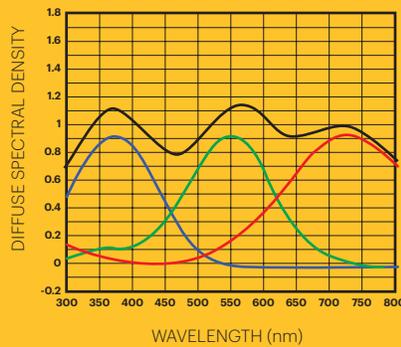
CAT No.	Format and Specification No.	Length in meters (feet)	Core	Description	Perforations/Pitch Metric (imperial)	MOQ
7457732	16 mm SP455	30 (100)	R-90 100-ft. spool	Emulsion In Winding B	1R-7605 (1R-2994)	1
7457740	16 mm SP457	122 (400)	T	Emulsion In Winding B	1R-7605 (1R-2994)	1
7452618	S8 mm SP464	15 (50)	Super 8 Cartridge	Emulsion In Winding B	1R-4234 (1R-1667)	1

* Availability may vary by location. Contact your local Kodak representative for additional information.



SPECTRAL-SENSITIVITY CURVES

These curves depict the sensitivity of this film to the spectrum of light. They are useful for determining, modifying, and optimizing exposure for blue- and green-screen special-effects work.



SPECTRAL DYE-DENSITY CURVES

These curves depict the spectral absorption of the dyes formed when the film is processed. They are useful for adjusting or optimizing any device that scans or prints the film.

NOTE: Cyan, Magenta, and Yellow Dye Curves are peak-normalized.

Spectral Sensitivity Curve Key

- Sensitivity of the yellow dye forming layer
- Sensitivity of the magenta dye forming layer
- Sensitivity of the cyan dye forming layer

Spectral Dye Density Curve Key

- Midscale Neutral
- Cyan Dye
- Magenta Dye
- Yellow Dye
- Minimum Density

Note: Sensitometric and Diffuse RMS Granularity curves are produced on different equipment. A slight variation in curve shape may be noticed.



For more information: www.kodak.com/go/motion

Sales offices: www.kodak.com/go/salesoffices

Lab directory: www.kodak.com/go/findlab

Notice: While the data presented are typical of production coatings, they do not represent standards that must be met by Kodak. 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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