

# KODAK VERICOLOR III Professional Films 6006, 5026, and 2106, Type S

- A new color negative film, improved in sharpness and grain, when compared with KODAK VERICOLOR II Professional Film 6010, Type S.
- Intended for exposures from 1/10 second to 1/10,000 second by electronic flash, daylight, or blue flash lamps, but shorter exposures may be acceptable.
- Films 6006 and 5026 have an acetate base. Film 2106 has an ESTAR Thick Base.
- Excellent quality color reproduction without supplementary masking.
- Handle this film in total darkness.

## EXPOSURE:

Light Source	KODAK WRITTEN Filter	ISO Speed
Daylight	None	160/23°
Photolamp (3400 K)	80B	50/18°
Tungsten (3200 K)	80A	50/18°

Exposure times longer than 1/10 second are not recommended. For long exposures, use KODAK VERICOLOR II Professional Film 4108, Type L.

**Inclusion of Gray Card in Scene:** To aid in determining exposures required in making prints from negatives, use the gray (18% reflectance) side of the KODAK Gray Card. (KODAK Publication No. R-27). Instructions are packaged with the card.

**Flash Pictures:** To find the lens opening for electronic flash or flashbulbs, divide the guide number by the distance from flash to subject.

## Electronic Flash Guide Numbers:

Output of Unit (BCPS or ECPS)	350	500	700	1000	1400	2000	2800	4000	5600	8000
Guide Number for Distances in Feet	55	65	75	90	110	130	150	180	210	250
Guide Number for Distances in Metres	17	20	22	27	33	40	46	55	65	75

**Guide Numbers for Blue Flashbulbs:** Select the guide number on the flashbulb package for the daylight film speeds listed above and for the type of reflector, shutter, and synchronization on the camera you are using.

**Caution:** Since bulbs may shatter when flashed, the use of a flashguard over the reflector is recommended. Do not use flashbulbs in an explosive atmosphere.

**Daylight Exposure Table:** For the period from 2 hours after sunrise to 2 hours before sunset.

LENS OPENING RECOMMENDATION WITH SHUTTER SET AT 1/250-SECOND				
Bright or Hazy Sun on Light Sand or Snow	Bright or Hazy Sun (Distinct Shadows)*	Weak, Hazy Sun (Soft Shadows)	Cloudy Bright (No Shadows)	Open Shade†
f/16	f/11	f/8	f/5.6	f/4

\*For back lighted close-up subjects increase exposure by two stops.  
†Subject shaded from the sun but lighted by a large area of sky.

**Adjustments for Long and Short Exposures:** No lens aperture, exposure time, or development adjustments are required for KODAK VERICOLOR III Professional Film, Type S, when indicated exposure time is between 1/10 and 1/10,000 second. Longer exposures are not recommended. Shorter times may be acceptable.

**PROCESSING** • This film can be processed by Kodak or with the use of KODAK FLEXICOLOR® Chemicals for Process C-41 or C-41V. Processing replenishment rates and other details can be found in KODAK Publication E-26, Using KODAK VERICOLOR III Film, Type S. This film can also be processed in commercial equipment using Process C-41 or C-41V.

Recommendations are available from Eastman Kodak Company, Product Support Publications, Rochester, New York 14650.

**FILM SEGREGATION** • Some methods of analyzing or printing require segregation of KODAK VERICOLOR II and KODAK VERICOLOR III Film negatives. VERICOLOR III Films have a visually higher magenta-red D-min and an emulsion letter designation of "VPS" as part of the edgeprint identification.

**JUDGING NEGATIVE EXPOSURE** • A check on exposure level can be made with a suitable electronic densitometer equipped with the red filter of the KODAK Densitometer Filter Set MM (Certified). A KODAK WRITTEN Filter No. 92 will provide similar readings. Depending on the nature of the subject and the use of a recommended light source for exposure, a normally exposed color negative read through the red filter should have the following approximate densities:

Reference Area	Red Filter Density
The KODAK Gray Card, KODAK Publication No. R-27 (gray side) receiving the same illumination as the subject	0.73 to 0.93
The lightest step (darkest in negative) of a KODAK Paper Gray Scale receiving the same illumination as the subject	1.25 to 1.45
The highest diffuse density on a normally lighted forehead	
light complexion (more variable)	1.05 to 1.35
dark complexion (more variable)	0.75 to 1.15

Because of the extreme range in normal skin color, the red density values given for a normally lighted forehead should be used only as a guide. For a more standard surface, the use of a KODAK Gray Card (gray side) is recommended.

**PRINTING NEGATIVES** • Color prints can be made by direct-contact-printing or enlargement onto KODAK EKTACOLOR Papers, KODAK EKTACOLOR Print Materials and KODAK EKTAFLIX PCT Paper via KODAK EKTAFLIX PCT Negative Film. Prints can also be made by the dye-transfer process or the use of KODAK DURAFLEX Print Material / 4023.

• Color transparencies can be made by exposing directly onto KODAK VERICOLOR Print Film, Slide Film, or KODAK DURATRANS Display Material / 4022.

• Black-and-white prints can be made on KODAK PANALURE Paper, and KODAK PANALURE II RC Paper.

**STORAGE AND HANDLING** • Keep unexposed film stored at 13°C (55°F) or lower in the original sealed package. To avoid moisture condensation on film which has been refrigerated, allow film to warm to room temperature before opening package. Always store film (exposed or unexposed) in a cool, dry place. Process exposed film as soon as possible after exposure. Always protect negatives from strong light and store in a cool, dry, and dark place.

For more information about storage of negatives for longer periods, see KODAK Publication No. E-30, Storage and Care of KODAK Color Materials, available from Dept 412-L.

The Kodak materials described in this publication for use with KODAK VERICOLOR III Professional Film, Type S, are available from those dealers normally supplying Kodak products. Other materials may be used, but equivalent results may not be obtained.

**Read This Notice:** This film will be replaced if defective in manufacture, labeling, or packaging. Except for such replacement, the sale or any subsequent handling of this film is without warranty or liability even though defect, damage, or loss is caused by negligence or other fault. Since color dyes may in time change, this film will not be replaced for, or otherwise warranted against, any change in color.

 EASTMAN KODAK COMPANY, Rochester, N.Y. 14650

KP 78459a 10-84 Printed in the United States of America

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