

### Konica Color VX200 Film

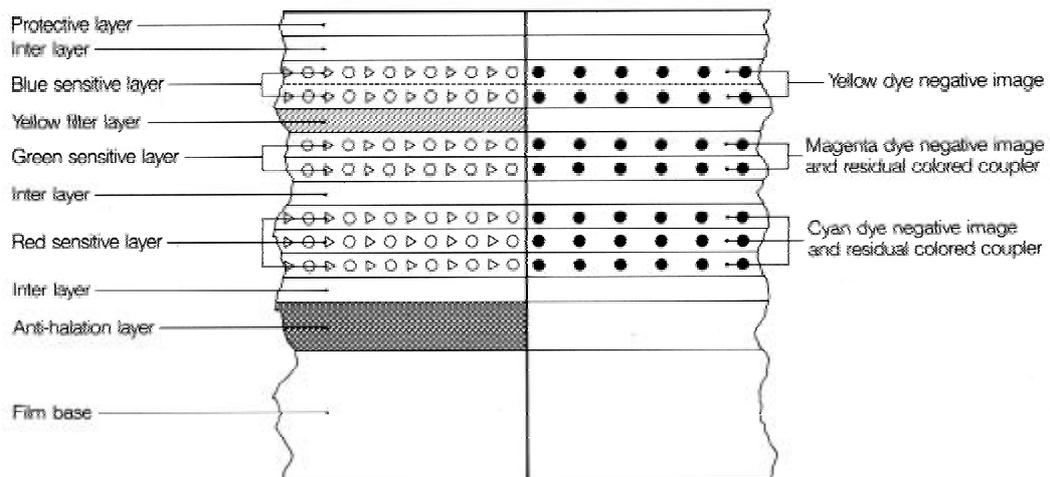
#### FEATURES

Konica Color VX200 is an ISO 200/24<sup>0</sup> color print film balanced for daylight. ISO 200 is for medium film speed, and Konica Color VX200 has an extra margin of speed for shooting photographs. Therefore VX200 is an ideal film for universal use outdoors and indoors. Konica Color VX200 utilizes four of Konica's exclusive technologies (LVC, LIS, IDEC and C-MSC). These advanced technologies give a high-quality color print film, Konica Color VX200 assures extremely fine grain, smooth gradation and high saturation for vivid color reproduction.

#### LAYER STRUCTURE

#### BEFORE PROCESSING

#### AFTER PROCESSING



#### FILM BASE

Triacetate base

#### FILM SIZES AVAILABLE

135 size : 110 size

#### FILM SPEED

#### EXPOSURE CONDITIONS

Konica Color VX200 is designed for use with daylight and electronic flash. While color-balanced for daylight, this film is designed to retain optimum spectral sensitivity and yield satisfactory results when exposed under tungsten or fluorescent light, as well.

For best results with these light sources, however, the use of appropriate filters is recommended.

Light Source	ISO Speed	Light Balancing Filter
Daylight or Electronic Flash	200/24 <sup>0</sup>	None
Photolamp (3400K)	64/19 <sup>0</sup> *	Wratten No. 80B
Tungsten (3200K)	50/18 <sup>0</sup> *	Wratten No. 80A

\* Includes the exposure factor to obtain best color results without special printing.

## RECIPROCITY CHARACTERISTICS

A wide range of shutter speeds (i.e. 1/10000 - 1 sec.) can be used without loss of film speed and tone reproduction.

To compensate for reciprocity failure, use the following data as a guide:

### RECIPROCITY FAILURE COMPENSATION GUIDE

Exposure time (in seconds)	1/10000 - 1	10
Exposure Compensation	None	+1 stop
Color Compensating Filters	None	None

## DAYLIGHT EXPOSURE

### EXPOSURE GUIDE TABLE: Outdoors under daylight.

Conditions	Bright sunlight (Seascape, Snow scene)	Bright sunlight	Hazy sunlight	Cloudy bright	Cloudy dull, Open shade
Lens opening	f/16	f/11	f/8	f/5.6	f/4
Shutter speed	1/500 sec.	1/500 sec.	1/500 sec.	1/500 sec.	1/500 sec.

This table is applicable for exposures from 2 hours after sunrise to 2 hours before sunset. The use of an exposure meter is highly recommended in cloudy weather or in open shade since light intensity differentials are in continual flux. Apertures increased by one or two stops are usually suitable for back-lighted, close-up subjects.

## ELECTRONIC FLASH EXPOSURE

No filter required.

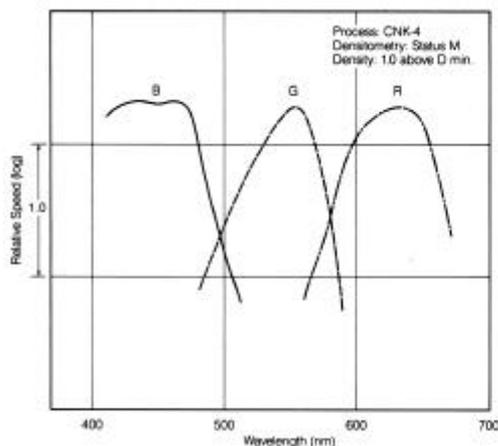
To determine the lens opening, divide the guide number by the flash-to-subject distance. If negatives are over exposed, use a higher guide number; if they're under exposed, use a lower number.

## STANDARD PROCESSING

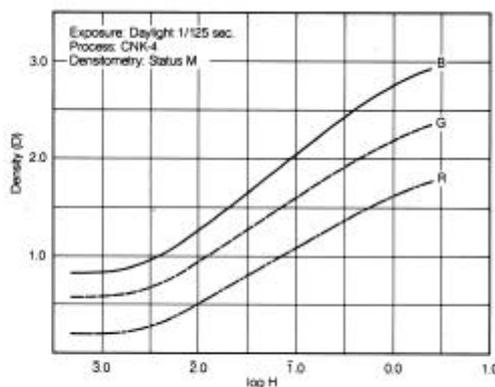
Konica Color Negative Film Process CNK-4 Series or Process C-41

## SPECTRAL SENSITIVITY / CHARACTERISTIC CURVES

### SPECTRAL SENSITIVITY



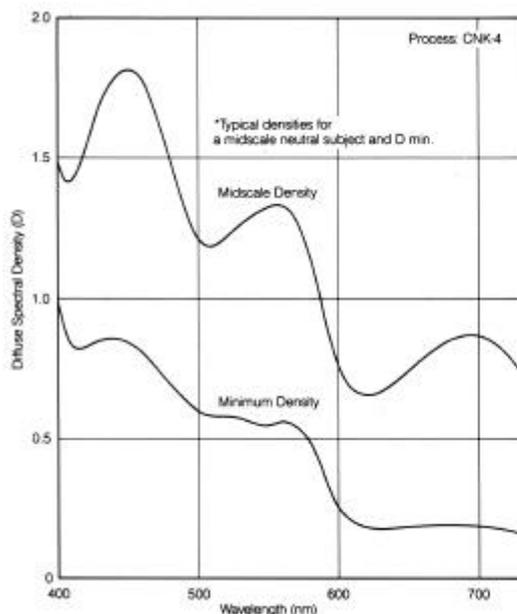
### CHARACTERISTIC CURVES



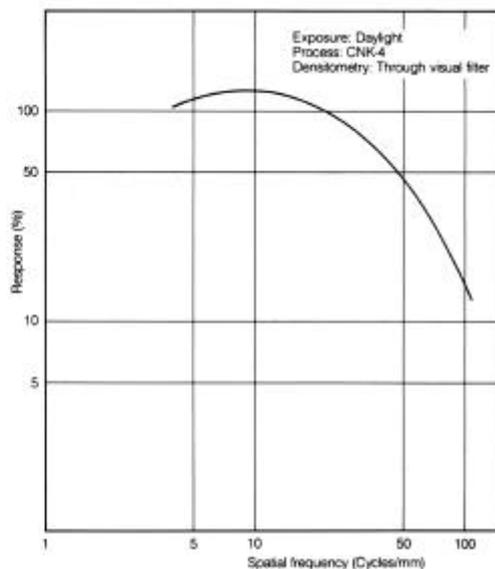
**GRANULARITY**    **DIFFUSE R.M.S. GRANULARITY: 4**  
Magnification: 12X  
Aperture diameter: 0.048mm  
Diffuse transmission density: Dmin. +1.0

**SPECTRAL DYE DENSITY CURVES / SHARPNESS**

**SPECTRAL DYE DENSITY CURVES**



**MODULATION TRANSFER FUNCTION**



**RESOLVING POWER**

Test-Object Contrast 1.6:1 - 50 lines/mm  
Test-Object Contrast 1000:1 - 100 lines/mm

**PRECAUTIONS**

Konica Color VX200 film features enhanced raw stock and latent image stability, and resistance to harmful gases. However, the following precautions must be observed in handling color negative films:

1. **HANDLING OF FILM:** Avoid direct sunlight or other strong light when loading or unloading camera.
2. **PROCESSING AND PRINTING:** Process and print promptly after exposure to minimize effects of latent image change.
3. **STORAGE OF FILM:** Keep unused film in a cool, dry place such as a refrigerator. (Storage at below 10°C is recommended.)  
Avoid the following conditions:
  - i) High temperature and high humidity.
  - ii) Exposure to harmful gases such as formaldehyde.
  - iii) Leaving film in camera for extended periods.
4. **EXPIRATION DATE OF FILM:** For best results, process before expiration date stamped on package.
5. **STORAGE OF PROCESSED FILM:** Keep processed film in a cool, dry and dark place to minimize fading of dyes.

**NOTICE:** The characteristic curves and data in this publication represent test results obtained under the specified conditions of exposure and processing. The manufacturer reserves the right to modify product characteristics at any time.