

Fujicolor Negative Film ETERNA400

35mm Type 8583/16mm Type 8683

Enhanced shadow detail.

Expanded Latitude and soft, smooth gradation.

ETERNA extends the boundaries of creative imaging.

Introducing new ETERNA400. Remarkable shadow detail and exceptional ability to capture images that extend the boundaries on creative imaging, Fujifilm's advanced technologies give this new-generation motion picture film exceptionally fine grain and superb, smooth tonality, producing natural, attractive skin tones.

In addition to extended latitude, this new E.I. 400-rated film also offers enhanced telecine characteristics and film scanning response, enabling it to deliver outstanding image quality under a variety of conditions.

Break new ground in creative imaging with ETERNA400.

Enhanced Shadow Detail

Fujifilm's proprietary Super Nano-structured Grain Technology gives ETERNA400 its enhanced ability to render shadow detail. This new film produces rich, deep blacks with a remarkable amount of detail.

Natural Color Reproduction (Atmospheric Color)

ETERNA400 is characterized by a subtle palette with muted saturation. Skin tones in particular are smooth and natural.

Exceptionally Fine Grain

Super Nano-structured Grain Technology achieves an optimum combination of high speed and ultra fine grain, producing superb image quality in a variety of scenes and situations,

High Speed, with Smooth Gradation

ETERNA400 produces a smooth low-contrast tonal scale, from bright, clean highlights to deep, dark shadows. Highlights do not blow out, and the soft tonality is preserved over a wide range of exposure conditions.

Excellent Sharpness

In addition to Super Nano-structure Grain Technology, ETERNA400 also incorporates Super-Efficient DIR-Coupler Technology, boosting interlayer effect for enhanced sharpness. Improved sharpness balance also reduces the amount of noise generated during the film scanning process.

Enhanced Telecine Characteristics

Extended linear response and exceptional color balance minimize the need for color adjustment during telecine transfer. The high volume of image data in the shadows facilitates digital processing, extending the creative boundaries of commercials and other TV work.

Three Technologies Achieve Dramatic Image Quality

• Super Nano-structured Grain Technology

Fujifilm has developed a new technology that precisely controls the light-sensitive structure of the silver-halide grain to nanoscale, resulting in extremely fine grain. Photos generated by exposure to light are concentrated in the photosensitive nucleus via electron accumulators. The grain is designed with a precise electron accumulator structure that efficiently concentrates photons to form the latent image. The grain configuration is precisely engineered to a thickness that minimizes reflections, effectively limiting light scatter and boosting sharpness, this technology make it possible to reduce the volume of the grain to approximately 1/3 the size of previous color negative films with the same speed.

• Super-Efficient DIR-Coupler Technology

Existing DIR Couplers, which control the image formation process by releasing development inhibitors during development, produce improved definition and color reproduction. Now, a new DIR coupler has been developed to work effectively with the new Nano-structured Grain, resulting in further enhancements in color and sharpness.

Exposure Index

Tungsten light (3200K)-----400

Daylight-----250 (with Fuji Filter LBA-12 or Kodak Daylight Filter No.85)

Numbers are for use with exposure meters marked for ISO/ASA speeds. Please note, however, that recommended exposure indexes may not apply due to differences in exposure meters, how they are used, and processing conditions. For best results, test exposure should be made based on instructions for the exposure meter to be used.

Color Balance

ETERNA400 is color-balanced for tungsten light (3200K), and requires no filters for use in these conditions. When shooting outdoors in daylight or under other light sources, the following conversion filters and exposure adjustments should be made.

Light Source	Filter	Exposure Index
Tungsten Light (3200K)	None	400
Daylight (sunlight +skylight)	Fuji Filter LBA-12 or Kodak Filter No.85	250
Metal Halide Lamps (e.g.,HMI)	Fuji Filter LBA-12 or Kodak Filter No.85	250
Ordinary Fluorescent Lamps (White Light Type)	Fuji Filter CC-30R or Kodak Filter CC30R	200
(Daylight Type)	Fuji Filter LBA-12 or Kodak Filter No.85	250
Three-band Fluorescent Lamps White Daylight Type (5000K)	Fuji Filter CC-30R or Kodak Filter CC30R	200
Daylight Type (6700K)	Fuji Filter CC-40R or Kodak Filter CC40R	160

These filter recommendations will provide approximate color temperature conversion. Final color correction should be made when printing.

Reciprocity Characteristics

ETERNA400 requires not filter corrections or exposure adjustments for shutter speeds of 1/1000 to 1/10 seconds. For exposures of 1 second, open the lens 1/3 of a stop.

Edge Markings

The MR code system [edge number, film identification mark (FN83), and machine-readable bar code for each; film name (FUJI 400), emulsion number, frame marks (4 perforations apart for 35mm film, no frame marks for 16mm film), etc.] is printed as latent images.