



KODAK

Color~Slide Films

Kodak offers several color-slide films, each with different characteristics. One of the most obvious differences is film speed. Some of the other characteristics, such as color rendition, sharpness, and graininess, are more subtle - a critical comparison would be required to see the differences between films. Actually, personal preference is usually the most dominant factor in selecting a color-slide film.

Some photographic characteristics of color films—speed, color balance, and contrast—change gradually after manufacture. When *Kodak* color films are made for general use, these changes are anticipated, and the film is manufactured to have optimum quality when it is used by the photographer.

Kodak color films for general use are designed for storage at room temperature before use. These films mature under these conditions. By the time the films are shipped from the factory they have become, and will remain, relatively stable when kept at room temperature until expiration date. The films should be protected from heat.

Kodachrome films

Some photographers prefer *Kodachrome* film because the processing charge is included in the film price if the film was purchased in Australia*. A convenient mailer - with all instructions - comes with the film. The exposed film is posted to *Kodak* for processing, the slides are posted back to the owner.

The processing mailer can be used to send the exposed film to any *Kodachrome* Processing Laboratory anywhere in the world without extra charge. See the free *Kodak* booklet (AC-17) "Tips for Better Travel Pictures" for more details.

Kodachrome 25 Film (Daylight) is a popular color-slide film noted for high sharpness and extremely fine grain. The film features excellent color quality--pleasing flesh tones, clean whites and yellows, bright reds, greens, and blues, and realistic sky reproduction. *Kodachrome* 25 Film has good exposure latitude and tone reproduction. It retains good detail in highlights and shadow areas. This film has a speed of ASA 25.

Kodachrome 64 Film (Daylight) is a good choice for all-around picture-taking when you want color slides. Its ASA 64 speed lets you use higher shutter speeds or smaller lens openings under normal lighting conditions and extends picture-taking capability on overcast days, in the shade, or in somewhat subdued lighting. The film produces excellent color rendition—bright reds, greens, and blues; clean whites and yellows; good blue skies; and pleasant flesh tones. In addition, the film shows adequate detail in both highlight and shadow areas. It has good exposure latitude that helps yield pleasing results even with moderate underexposure or overexposure.

Kodachrome 64 Film is almost as sharp and fine-grained as *Kodachrome* 25 Film. At normal screen viewing distances, most viewers can't see any difference in sharpness or graininess.

Both *Kodachrome* films are for use in daylight or with blue flash or electronic flash.

Sizes available :	CAT. NO.	SIZE	CODE
ASA 25	416 9512	35-mm magazine 20 exp.	KM 135-20P
	416 9561	35-mm magazine 36-exp.	KM 135-36P
ASA 64	416 8563	110 cartridge 20 exp.	KR 110-20P
	416 9728	126 cartridge 20 exp.	KR 126-20P
	416 9793	35-mm magazine 20 exp.	KR 135-20P
	416 9835	35-mm magazine 36 exp.	KR 135-36P

* *Kodachrome* film is also available, to special order, in a packing which does not include the processing charge.

You can increase the speed of *Ektachrome* Films by obtaining special processing from *Kodak*, by sending your film to another laboratory requesting special processing or, by extending the development time if you process the film yourself.

The special processing service available from the *Kodak* Processing Laboratories in Australia enables photographers to expose E-6 *Ektachrome* Films at the following ratings:

Film normally rated at 64 ASA at 200 ASA
 Film normally rated at 160 ASA at 500 ASA
 Film normally rated at 200 ASA at 640 ASA

This equals a speed index change of $1\frac{2}{3}$ stops. Note: this change is greater than that offered by *Kodak* Laboratories in USA and elsewhere.

There is an additional charge made for this service. The whole film must be exposed at the increased speed rating. It should be so identified and handed to a photo dealer who sends processing to *Kodak*. The dealer should mark the *Kodak* processing envelope "Special Processing for Increased Speed Required".

The increased speed is very helpful under dim lighting conditions -- in existing light, for example. It's also helpful when you want to use high shutter speeds and small lens openings. Special processing increases contrast and graininess to some extent. However, these changes are not too noticeable when projected. The overall quality is very good.

Processing your own *Ektachrome* films

Chemicals for processing *Ektachrome* Films are available as 2-litre kits (larger sizes are also available). Whilst the chemicals require only dilution with water for use, some experience in processing films is desirable to achieve consistent results. The developers in a 2-litre kit have the capacity to process about 24 twenty-exposure films or 16 thirtysix-exposure films. The other solutions will process twice this amount. That is why a Developer Kit is sold separately.

The instructions packed with the 2-litre kit give details on the changes to processing which are required for increased speed.

CAT. NO.	SIZE
442 3208	Kodak <i>Ektachrome</i> film processing Kit, process E-6. To make 2 litres
494 1829	Kodak developer Kit, process E-6. To make 2 litres.

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Kodak Ektachrome films

One feature of *Kodak Ektachrome* Films is the choice of processing. They can be processed by *Kodak*, by independent processing laboratories or by the user.

The new *Ektachrome* Films for general use are designed for Process E-6. They replace earlier films such as *Ektachrome-X* Film and High Speed *Ektachrome* Film which had to be processed in E-4 chemicals.

The new films have hardened emulsions to withstand the high processing temperature of 38°C required by the E-6 process. *Ektachrome* Films designed for process E-3 or E-4 cannot be processed in the newer E-6 chemicals because the high temperature would melt their emulsions.

Kodak Ektachrome 64 Film (Daylight) is an excellent general purpose color-slide film with a speed of ASA 64. *Ektachrome* 64 Film replaces *Kodak Ektachrome-X* Film. The new film has improved color reproduction for better flesh tones, vivid blue skies, bright reds and yellows, clean highlights and good shadow detail. The film distinguishes well between similar colors, such as red and orange.

The new film has improved sharpness and very fine grain which give high image quality. *Ektachrome* 64 Film is not quite as sharp or fine-grained as *Kodachrome* 64 Film, but it's difficult to see the difference in sharpness or graininess on the projection screen. *Ektachrome* 64 Film is a daylight-type film. For flash pictures, use blue flashbulbs or electronic flash.

Sizes available :	CAT. NO.	SIZE	CODE
ASA 64	479 7056	35-mm magazine 20 exp.	ER135-20
	481 5155	35-mm magazine 36 exp.	ER135-36
	160 1301	126 cartridge 20 exp.	ER126-20
	128 0254	120 roll film	ER120

Kodak Ektachrome 200 Film (Daylight) is a high-speed color-slide film for photographing dimly-lighted subjects such as those in existing light; subjects that require good depth of field and high shutter speed; and fast action. It lets you take flash pictures at greater distances than other *Kodak* color-slide films. The film has a speed of ASA 200. It is designed for use with daylight, blue flashbulbs, or electronic flash. You can also use it to photograph subjects illuminated by carbon-arc spotlights. This is a versatile film which lets you photograph in a large range of lighting conditions from bright sunlight to dim existing light, depending on your camera.

If you want to take pictures in tungsten light (3200°K) use an 80A filter over the camera lens. This filter reduces the effective film speed by 1²/₃ stop to 64 ASA.

If you have a camera with a built-in meter, see your camera instruction book regarding the use of filters.

Ektachrome 200 Film (Daylight) replaces *Kodak* High Speed *Ektachrome* Film (Daylight). The new film has higher speed, improved color rendition, improved sharpness and finer grain. These improvements in *Ektachrome* 200 Film are quite significant because this film is almost as fine-grained as *Ektachrome* 64 Film. The difference in graininess between the two films is usually not evident in projected slides viewed from a normal viewing distance. In comparison with the 64-speed film, *Ektachrome* 200 Film gives slightly less saturated colors.

CAT. NO.	SIZE	CODE
160 1749	35-mm magazine 36 exp.	ED135-36



Kodak prepaid processing mailers can be purchased for *Ektachrome* films.

Processing

Have your film processed promptly after exposure. *Ektachrome* Films can be returned to photo dealers for processing by *Kodak* or another laboratory, or you can process the film yourself. It is also possible to mail *Ektachrome* Film direct to a *Kodak* Processing Laboratory in Australia or overseas by purchasing the appropriate mailer

CAT. NO.	SIZE	CODE
402 0608	Processing for 20-exp. <i>Ektachrome</i> films	PE 20
402 0624	Processing for 36-exp. <i>Ektachrome</i> films	PE 36
402 0616	Processing for <i>Ektachrome</i> roll films	PE Roll

Kodak Ektachrome professional films

Information about the following films is contained in the Kodak publication E-37 "Kodak Ektachrome Professional Films, Process E-6" available on request.

Ektachrome 64 Professional Film (Daylight)
Ektachrome 200 Professional Film (Daylight)
Ektachrome 50 Professional Film (Tungsten)
Ektachrome 160 Professional Film (Tungsten)

These films are available in sheet film sizes, 120 rolls, 35 mm x 100 ft long rolls and 35 mm magazines.

Additional services available from your slides

You can obtain color prints, enlargements and duplicate slides from your original pictures on *Kodachrome* or *Ektachrome* Film. Order them through your photo dealer who can send the work to *Kodak* or some other processing laboratory offering the service you require.

Obtaining Ektachrome films and Process E-6 chemicals

Few photographic dealers stock the complete range of *Kodak Ektachrome* films and Process E-6 chemicals. However, any photo dealer can order your requirements. It helps the *Kodak* computerised ordering system if the CAT. No. of the item is quoted.

INFORMATION SERVICES

KODAK (Australasia) PTY. LTD.



Kodak color-slide films

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