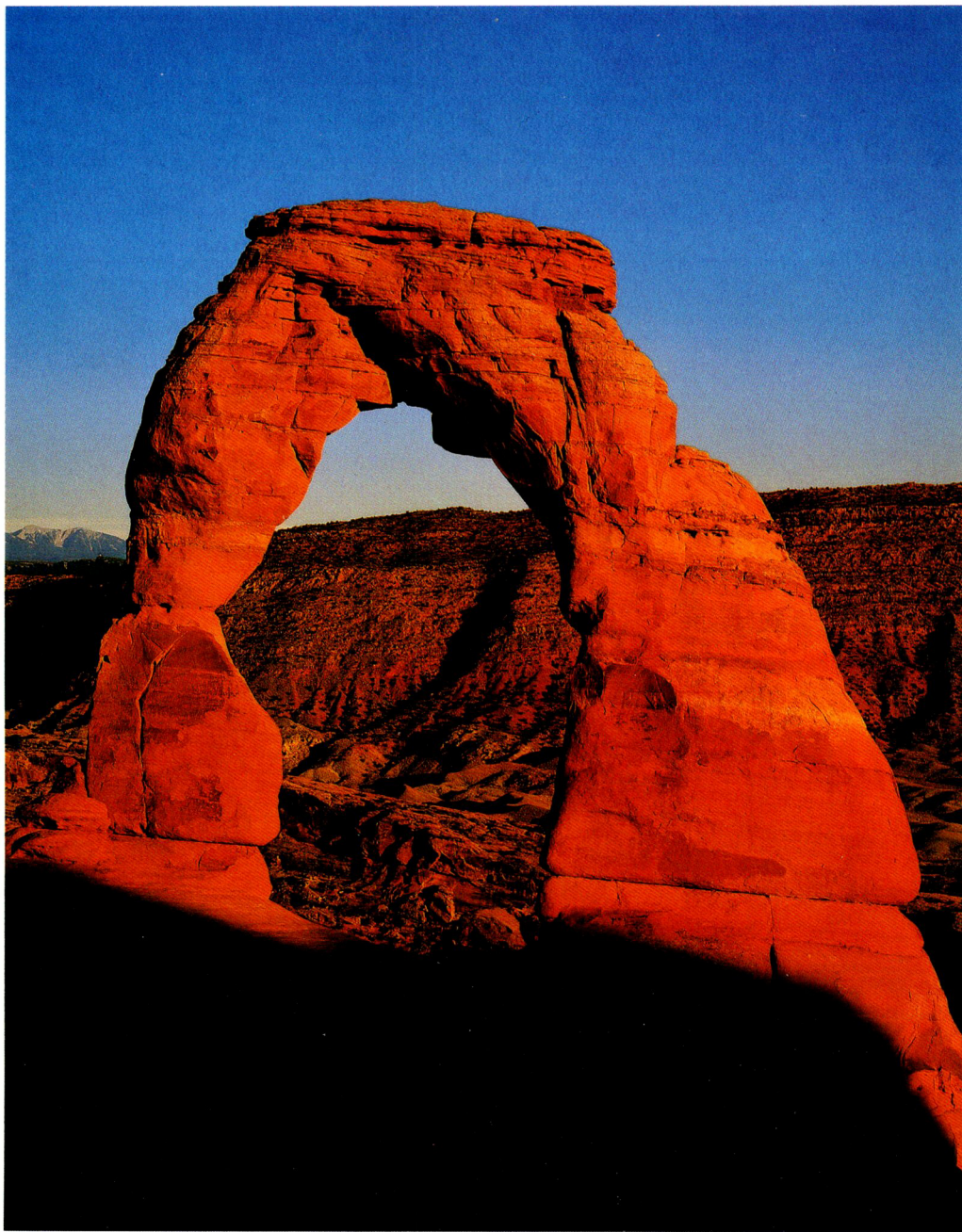


# FUJICHROME

For Professionals





## The Professional's Choice

Professional photographers are a demanding breed. At Fuji Photo Film, we make it our business to listen to them. And to meet their demands. That's why we offer five types of professional film.

These color reversal films incorporate a host of technological innovations, ensuring that they meet the most stringent requirements of professionals. They set new standards in granularity, color reproduction, total



FUJICHROME **50** Professional **D** (RFP)  
FUJICHROME **100** Professional **D** (RDP)  
FUJICHROME **400** Professional **D** (RHP)



balance, sharpness of detail, and other critical areas. And, of course, they are specifically designed for photo-mechanical reproduction. A duplicating film is also available.

The Fujichrome professional series; six outstanding reasons why more and more professionals are choosing Fuji.



FUJICHROME *P*1600 Professional **D** (RSP II)

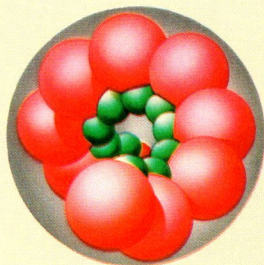
FUJICHROME **64** Professional **T** (RTP)

FUJICHROME **DUPLICATING FILM** (CDU)

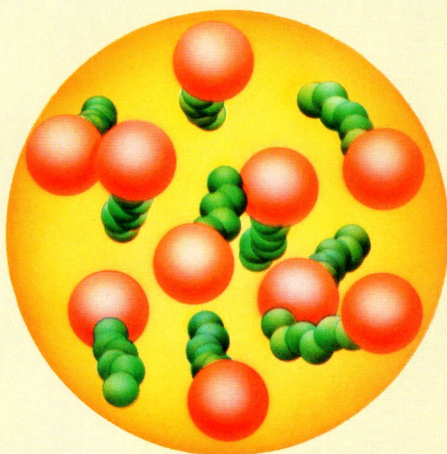


## All-new technologies mean all-new levels of sharpness.

### L-Coupler



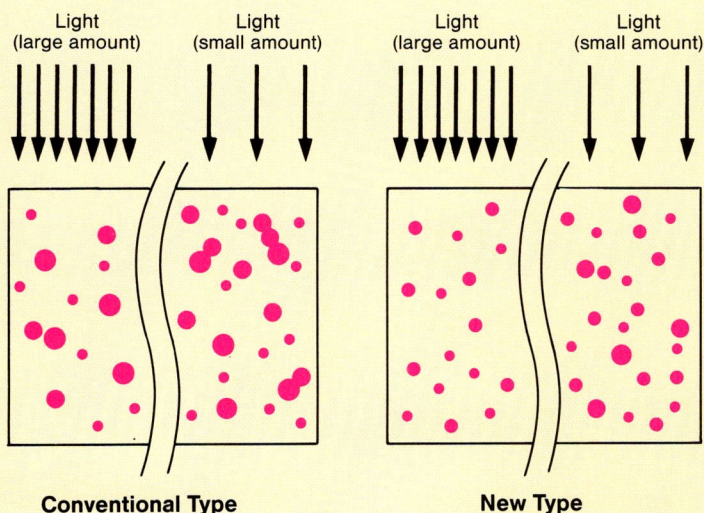
New Type (L-Coupler)



Conventional Type

We have succeeded in developing a new Latex-type Coupler (L-Coupler) incorporating high density coupler particles. The dye-forming group of color coupler molecules are thus packed with much greater density in the coupler dispersion, making a thinner emulsion possible. This keeps light scatter to a minimum for images of outstanding sharpness.

### UDG (Uniformly Developing Grain)

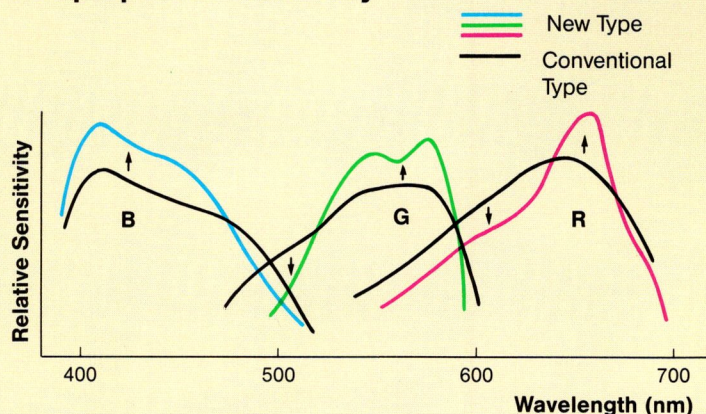


In the quest for finer, more uniformly grained film, Fuji technicians invented an entirely new emulsion-making technology: UDG. This process provides more even distribution of the different-sized halide grains throughout the emulsion, allowing them to grow uniformly during development. The resulting emulsion is thus finer and more uniformly grained than ever before, giving it a correspondingly greater ability to capture subtle definitions with crisp clarity.

These films are coupler-in-emulsion types, but thanks to our L-Coupler and UDG, they deliver sharpness equivalent to coupler-in-developer types. 50 Professional D, in fact, is sure to earn a reputation as a world leader in this regard. 100 Professional D offers outstanding sharpness for a film in this class, and 64 Professional T is nearly on the same level as 50 D. In portrait or fashion photography, they will render silky strands of hair and delicate skin textures with extremely detailed accuracy. In still lifes, even the subtleties of flower petals and the glossy sheen of porcelain come through superbly.

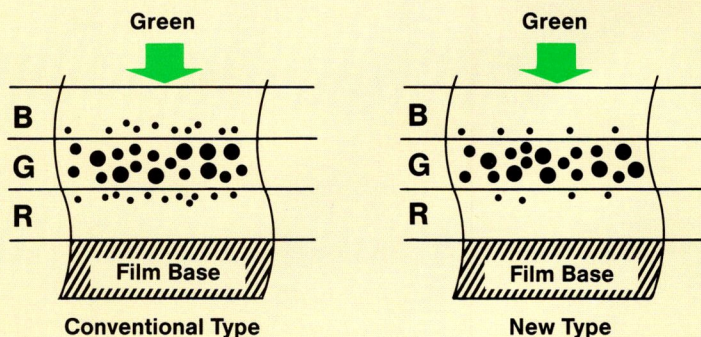
## Improved techniques mean superior color reproduction performance.

### Sharp Spectral Sensitivity



First we developed a new spectral sensitizer. Then we perfected a way of incorporating it into the silver halide emulsion. Then we enjoyed the results: spectral sensitivity so sharp that each color stands out with definition and clarity.

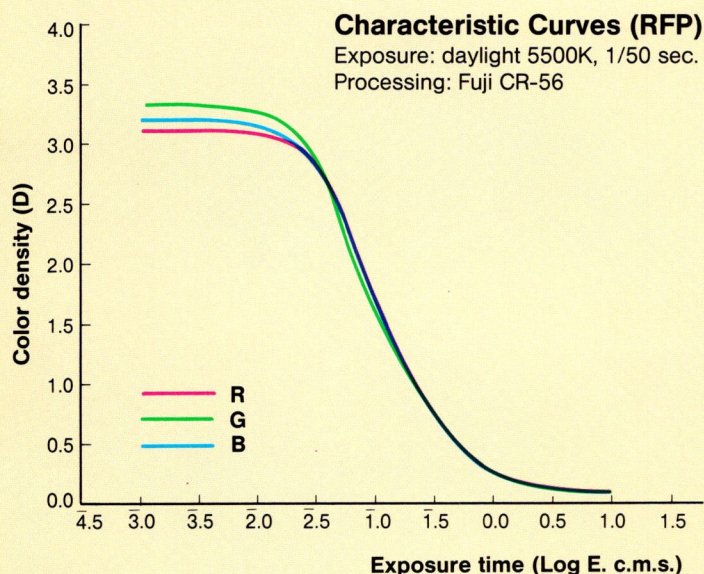
### AME (Auto Masking Emulsion)





The new Fujichromes use an Auto Masking Emulsion which develops in a carefully controlled pattern, producing a previously unknown degree of interlayer effectiveness. Color degradation is held to an absolute minimum — skin tones are more natural, bright colors are brighter.

## From highlight to shadows — perfect total balance.



In color film, it is essential that the three light-sensitive layers be accurately balanced. The new Fujichromes fully accomplish this, honestly expressing all gradations of highlights, halftones and shadows. Even in the most subtle areas of shading, there is no loss of color distinction, and uniform gray balance. You can count on perfectly pure blacks and whites, with stunning clarity of all colors in between, from highlights to shadows.

The superior ability of these films to accurately portray the complete range of shading gradations can be seen in photographs of objects that are mostly gray, such as glass or metallic objects, and in backgrounds where gradations of gray are used. In shots where bright colors predominate, such as interiors and automobiles, even the shiniest portions are convincingly rendered.

## Set for any exposure length with confidence.

*From shooting at high shutter speeds or with strobes to time exposures, the new Fujichromes deliver outstanding results.*

One of the development objectives of these new films was to provide exceptionally low reciprocity failure characteristics. New Fuji technology made this possible, so there is an absolute minimum of deterioration in tonal balance and sensitivity at both long and short exposure times.

Fujichrome 64 Professional T, for example, provides

excellent results with 32- or 64-second exposures. With only slight sensitivity and color balance correction, clear reproduction over the full range of color gradations will be obtained. With Fujichrome 50 Professional D and 100 Professional D daylight films, excellent results that do not require sensitivity or color balance correction can be obtained when shooting with strobes or at shutter speeds of 1/4000 sec. to 1 sec. Long exposures at small aperture settings for shooting landscapes, architecture or interiors can be made with confidence. For exposures longer than 1 sec., by making the prescribed sensitivity and color balance corrections, results will be comparable in quality to pictures taken at normal exposure times.

## The ideal film for photomechanical reproduction.

These new professional films are designed to be ideal for photomechanical reproduction. They are highly compatible with the scanner resolution process which dominates the field of photoengraving today, resulting in prints of superior quality. Their sharpness and outstanding color characteristics are clearly apparent when used for high-quality magazine printing, art catalogs, and so on.



High resolution, super-fine grain.

# FUJICHROME 50D

Professional **RFP**  
ISO 50



**The world's highest level  
of sharpness.  
And brilliant color  
reproduction.**

Fujichrome 50 Professional D is a coupler-in-emulsion type film that provides image resolution as high as with any coupler-in-developer film. It reproduces colors with a degree of clarity that meets a professional's expectations. It is particularly well suited for photomechanical reproduction, and is recommended for shooting posters and other large print jobs. Shooting with a strobe in the studio gives full play to its potential, so it is a highly effective film for commercial photography. 50 Professional D is available in sizes from 35 mm to 13×18, giving it a wide range of applications, right up to the most sophisticated, high quality pictures. Processing in either Fuji CR-56 or E-6 allows an appropriate amount of sensitivity adjustment.





High sensitivity, outstanding resolution.

# FUJICHROME 100D

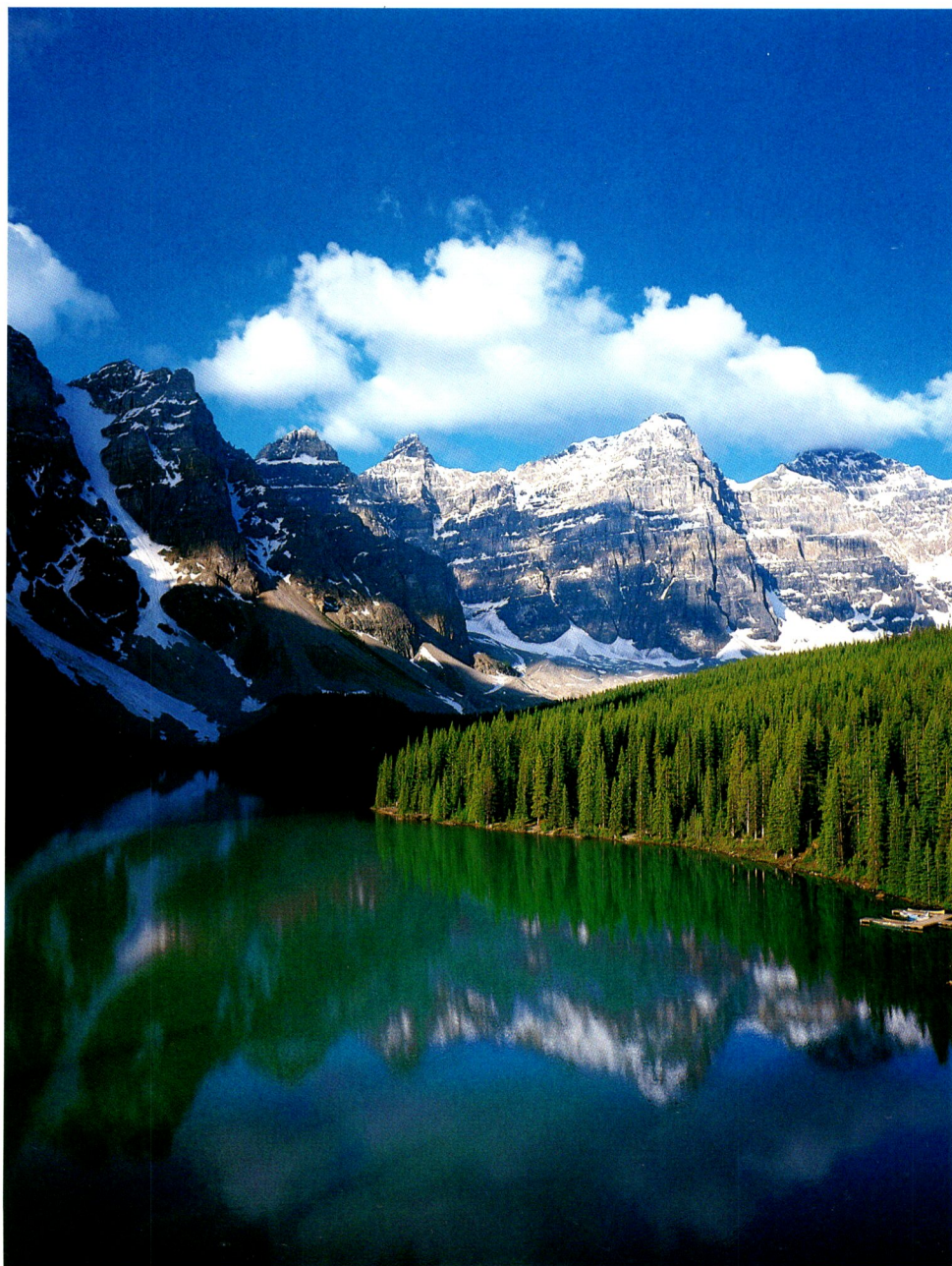
Professional **RDP**  
ISO 100



**Clear, natural color reproduction. Easy to use and versatile film speed.**

A highly sensitive daylight film, Fujichrome 100 Professional D surpasses all levels of sharpness in almost any other type of color reversal film. It shows its outstanding capabilities when you want to shut down one more stop or increase shutter speed one more step. The ISO 100 speed is easily applicable to a wide range of exposure settings and various shooting conditions. Its dependable image quality combines with its natural and clear color rendition to ensure that all subtleties of texture will be faithfully captured. 100 Professional D will find a wide range of applications, from general use and landscape photography to the specialized requirements of astronomy, medicine, and other fields.

Fujichrome 100 Professional D is of course designed for the special needs of photomechanical reproduction. Film sizes range from 35mm to 13×18. Processing in either Fuji CR-56 or E-6 also enhances this film's special suitability to sensitivity modification.





High-speed, superb sharpness, natural color.

# FUJICHROME 400D

Professional **RHP**

ISO 400



## High-speed film produces images of superb sharp- ness and natural color.

A daylight film with ISO 400 effective sensitivity. Of super-high sensitivity, this film offers a high level of sharpness and fine graininess. The film is especially suited for stopping fast action such as in sports and car races, or for bringing out the subtle atmosphere of exquisite scenery in low available light. It's also effective in situations where the use of an electronic flash unit is not permitted or desirable.

This film is also marked by excellent lighting adaptability. Natural, brilliant color reproduction can be expected even in situations with mixed lighting sources, such as at concerts or on a stage.

Moreover, under normal lighting conditions, the higher sensitivity allows use of a smaller aperture for greater depth of field. Because it is well suited for photomechanical reproduction, especially for scanners, printing is easy. Furthermore, high-quality printing finish is assured.

Besides the standard ISO 400 processing, it can be push-processed up to ISO 1600 with minimal difference in maximum density, color balance and gradation with process Fuji CR-56 or E-6.

Fujichrome 400 Professional D (RHP) is available in 35mm and 120.





Ultra-high speed, standard push processing.

# FUJICHROME **P1600D**

Professional **RSP II**

E.I. 1600/3200



## **The versatility of ultra-high speed. The satisfaction of highest quality.**

As the world's fastest color reversal film, Fujichrome P1600 Professional D lets you take pictures that were once impossible. It offers improved sharpness and graininess for highest quality transparencies with currently available ultra-high speed materials.

Fujichrome P1600 Professional D features outstanding richness and gradation balance from highlights to shadows, and is virtually unaffected by maximum density reduction peculiar to push processing. Color saturation is remarkably high, especially for yellows, oranges and greens, while reproduction of human flesh tones remains superb.

Since Fujichrome P1600 Professional D holds losses in speed and gradation (reciprocity balance) to a minimum, it is ideally suited to both the short exposures of high shutter speeds or electronic flash, and the long exposures demanded by night and celestial photography.

What's more, results like these can be obtained with conventional Fuji CR-56 or E-6 push processing.

Fujichrome P1600 Professional D (RSP II) is available in 35mm.





High resolution, super-fine grain, tungsten type.

# FUJICHROME 64T

Professional RTP

ISO 64



**Natural, rich color reproduction. A professional film for tungsten lamp shooting, with a newly designed emulsion.**

A super-fine grain, high resolution, tungsten type film that meets the highest level of professional standards. Color temperature balanced at 3100 K, it is extremely versatile, and can be used with confidence under all types of tungsten lighting. Fujichrome 64 Professional T reproduces colors faithfully and brilliantly; fidelity to hue is maintained, with a high degree of chromatic intensity. It was designed with scrupulous attention to reciprocity failure characteristics, for minimal deterioration of color balance, and sensitivity is so good that superb results are obtained with both very short and long exposure times. Incorporating the new Fuji technologies, its sharp image quality is ideal for slides as well as photo-mechanical reproduction. An indispensable film for the professional who deals with commercial goods where fine details must be brought out using sophisticated lighting arrangements.

Film sizes range from 35 mm to 13×18. Processing in either Fuji CR-56 or E-6 allows an appropriate amount of sensitivity adjustment.





## Faithfully captures the full color brilliance of Fujichrome.

Fujichrome Duplicating Film has all the features of the other new Fujichrome films. To the professional who often puts the same original to a number of uses, duplicating film is indispensable. Fujichrome Duplicating Film accurately renders the image of the original with near perfection, giving a duplicate of quality acceptable for commercial use. Processing can be done in either Fuji CR-56 or E-6. Fujichrome Duplicating Film comes in 4×5 to 30×40.

## FUJICHROME DUPLICATING FILM **CDU**



## Reversal Paper Makes Direct Prints from Color Slides and Prints.

Fuji Film has developed a revolutionary reversal paper that yields rich, smooth prints directly from color slides and prints.

The reversal paper features:

- Clear, faithful color reproduction.
- Vivid, rich colors.
- Sharp image quality and clear-out color separation.
- Rich, smooth gradation.

Prints can be made directly not only from reversal film but also from color prints and instant photographs. Professional and amateur photographers alike can easily use Fuji's reversal paper.

**Surfaces:** Matte  
Glossy

**Size:** Various sizes are available. Ask your photo lab for details.

## FUJICHROME PAPER TYPE 33







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