



## ASTRUM 135 Color Negative Film

Color Negative Film is corresponds to TY 6-17-691-88.

This is a medium-speed, very fine-grain color negative film.

This film has wide exposure latitude and is specifically designed for processing to a color negative only. Since this film does not have integral color masking, direct interpretation can be made from the negative. Objects are recorded in colors complementary to their natural colors.

The nominal total thickness (unprocessed) of this film is 0.132 mm.

This includes emulsion - 0.020 mm, base - 0.10 mm, and backing - 0.012 mm.

The base provides flexibility, moisture resistance, high tear resistance, and excellent dimensional stability.

Color Negative Film has an abrasion-resistant emulsion, an annihilation undercoat and a dyed-gel backing.

This multilayer, color negative film is balanced for daylight exposure.

Nominal speed, daylight (no filter): ISO 125 (based on development for maximum contrast).

This film incorporates an integral ultraviolet-absorbing filter, so color correction filters are not normally used. If necessary, additional color-balance adjustment in the blue region can be achieved using haze cutting filters HF-4 or HF-5.

A typical exposure for this film is approximately 1/750 second at f5.6.

This exposure is based on a solar altitude of 40 degrees, a clear day.

No filter correction or exposure adjustment is required for exposure times from 1/10,000 second to 1/10 second.

The hardened emulsion permits high-temperature, rapid processing in roller-transport processors, using Process AN-6.

This film is also compatible with Process C-41. It can be processed in existing C-41 processors. The total darkness is required.

### IMAGE STRUCTURE

Process	rms Granularity*
C-41, 3:15 dev time	8.5
C-41, 4:15 dev time	13
C-41, 5:15 dev time	15.5

\* Granularity values read at a net green diffuse density of 1.0 with a 48-micrometre aperture.

While this film has exceptionally good raw stock keeping characteristics at room temperature, it is recommended that film that will not be exposed within two weeks be stored in a refrigerator at 13°C or lower, or freezer at -18 to -23°C, in the original sealed container. If the film is stored in a refrigerator, remove it about 2 hours before opening; if stored in a freezer, remove it about 8 hours before opening. A sufficient warm-up time is necessary to prevent moisture condensation on cold film - otherwise, moisture spotting, ferrotyping, or sticking may occur.

Process the film as soon as possible after exposure to avoid undesirable changes in the latent image.

If it is necessary to hold exposed but unprocessed film for more than a week, it should be resealed and refrigerated at 4°C or lower.

For best keeping, store processed film in a dark, dust-free area at 10 to 21°C and 30 to 50 percent relative humidity.

Caution! Do not freeze processed Color Negative Film

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