

Micrat-N

These film is a very high contrast, orthochromatic black and white film with extremely high definition and ultra-fine grain. The excellent properties of this film have been achieved by coating an extra thin emulsion layer on a clear polyester base of 125 µm. A permanent grey antihalation undercoating (AHU) is coated between the emulsion and the base. An antistatic layer, which also improves transport in the camera, is coated on the back of the film.

Processing.

Micrat-N should be processed in a typical developer for black and white film, e.g. developer D-97.

Other black and white developers, including the alternative formula using ascorbic acid, may give similar results but must be checked by means of sensitometric and cross modulation tests.

Developer D-97

Water 800 ml

Metol 0.5 g

Sodium sulphite anh. 40 g

Hydroquinone 3 g

Sodium carbonate anh. 17 g

Potassium bromide 2 g

Water to make 1000 ml pH 10.15 +/- 0.05

Recommended 5-6 min development time and at 23° C temperature (73° F)

Replenisher D-97 R 35 mm 16 mm

Replenishment rate 6500 3250 ml/305 m (1000 ft)

Base.

Micrat-N orthochromatic emulsion is coated on a polyester base with a thickness of 125 microns.

Safelight.

Micrat-N should be handled in complete darkness.

Alternatively, a dark red safelight, can be used. However, exposure to the safelight must be kept as short as possible to reduce the risk of fogging the film. Handle the film at a safe distance from the safelight at all times. Always determine the practical light level, the tolerable time of exposure to the safelight and the working distance by means of tests.

Storage.

- Raw stock in original package :

medium-term storage : at room temperature;

long-term storage : at average temperature of 8° C (40° F) or lower.

When the film is removed from cold storage, allow warming up to prevent telescoping of the roll, moisture condensation and spotting.

- Exposed film :

Process as soon as possible. If the film cannot be developed immediately after exposure, it should be stored in a taped can as cool as possible.

- Processed film :

Refer to the latest standards as described in

ANSI IT 9.11, ISO 5466 or SMPTE RP 131.