



AERIAL FILM TYPE-42

TU 2372-134-00206316-2003

TU 2372-036-00205156-97

Characteristics.

This is a highly sensitive isopanchromatic black and white film for day and night air photography. The film meets the high requirements to the emulsion layer, which makes it possible to accelerate the processing film in solutions with a temperature increased to (50 ° C) in developing machines such as MPM-1, PM-32.

Applications.

These film are designed for daytime aerial photography. It is made on a colorless transparent PET base of the PETF-65-BN brand according to TU 6-41-1576 with a back layer that is discolored or washed out during chemical-photographic processing.

Packaging.

It is wound on a reel and packed in at least 2 layers of opaque paper, put into a plastic bag and placed in a metal can. By agreement with the customer, packaging changes to match of requirements. Chemical photographic processing instructions are included in each package.

Size in cm:

1,6 x 300, 1,6 x 600, 3,5x30000, 8x6000, 8x12000, 19x6000, 24x6000, 24x7100, 32x6000 cm.

It is allowed to produce aerial film of other sizes perforated and non-perforated upon customer's request.

Storage

Store unexposed aerial film in its original packaging indoors at temperatures from 5°C to 25°C and relative humidity not more than 85% (at 20°C).

Cans with aerial film should be protected from exposure to sunlight, harmful fumes, gases. Joint storage of the film with radioactive substances and luminous compositions of continuous action is not allowed.

Sampling for testing.

Opening the packaging of the film should be carried out in complete darkness.

Treatment.

Safe lighting - total darkness or infrared light; for short-term orientation you can use night glasses Type OH-3K.

Recommended solutions for processing.

During forced processing in machines of the Type MPM-1 and PM-32, the developer UPB-1, fixer-stabilizer BFR-1 are used

The temperature of the solutions:

Developer - 40-50°C;

Fixer - (45 ± 1) °C;

To the developing machines Type 83P and to the rewinding developing devices use the UP-5 unified developer.

The temperature of the processing solutions is not less than 15°C and not more than 30°C.

For manual processing, the UP-2 developer can be used too.

Supplier Warranties

The warranty period for storing aerial film is set 24 months from the month following of the month of release.

Indicators	Value
Total photosensitivity S0.85 units GOST 10691.5, not less than	1000-1400
Contrast Ratio	1,7-2,2
Veil density, B, not more than	0,17
Maximum density, B, not less than	2,4
Photographic latitude, not less than	0,75
Resolution, mm-1, not less than	110
The limit of sensitization, nm	700-730
Maximum sensitization, nm	670-690

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