

FLUOROGRAPHIC FILM FOMA

FILM FOR X-RAY IMAGE INTENSIFIERS AND FOR FLUOROGRAPHY

Characteristic

FLUOROGRAPHIC FILM FOMA is an orthochromatic single-side coated radiographic film. It is endowed with a high sensitivity and medium gradation. It is determined for scanning from X-ray intensifiers in connection with high-speed scanning camera on non-perforated film and for fluorography.

Base

FLUOROGRAPHIC FILM FOMA is produced on polyester base with the thickness of 0.1 mm with high stability of dimensions. The back side is provided with an effective anti-static layer.

Confectioning

FLUOROGRAPHIC FILM FOMA is supplied as non-perforated, it is wound up with emulsion down on a cardboard core.

The film is available in type 70 mm x 30,5 m. Other widths 100, 105 or 110 mm can be delivered on request.

Darkroom illumination

FLUOROGRAPHIC FILM FOMA is processed in total darkness or using dark red safe light, e.g. Agfa R4 or Kodak GBX2 filters. The minimum distance of 15 W lightbulb must be 1 meter as a minimum!

Olive green lighting filter cannot be used!

Processing

Exposure of the film depends on the type of apparatus used and is determined according to testing pictures from a series with stepped exposures. FLUOROGRAPHIC FILM FOMA is processed in processors with the cycle of 120 s or longer or manually in standard processing baths designed for medical X-ray materials.

Recommended baths for automatic processing (temperature of 34° C/120 - 150 s)

FOMA LP-D - developer and replenisher

FOMA LP-DS - developer starter

FOMAFIX + FOMAFIX H - hardening fixer

Recommended baths for manual processing (temperature of 20° C/5 min)

FOMA LP-T - developer

FOMA LP-TR - replenisher

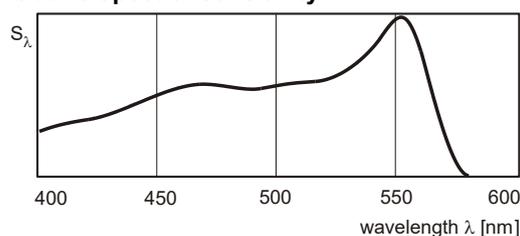
FOMAFIX - rapid fixer

Storage

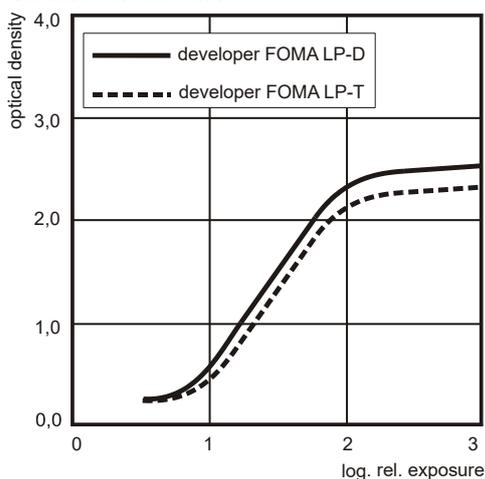
Films should be stored in original packaging (boxes should be stored in vertical position) at 10-25 °C and rel. humidity 40-60%, out of ionizing radiation and aggressive gases. The same conditions apply to shipping. If this is not otherwise possible due to technical reasons, the temperature and / or humidity can be exceeded up to 50 °C resp. 80% during the transport for a total period of up to 168 hours; the same applies to lowering the temperature and / or humidity up to -15 °C resp. 10%. For long-term storage, it is recommended to store the films at 0-10 °C.

If the difference between the storage temperature and the film use temperature is higher than 15 °C, the film should be allowed to adjust to the target temperature for at least 3 hours before its use.

Relative Spectral Sensitivity



Characteristic curves



Automatic processing:

processor Protec M 45
cycle 2 min/34 °C

developer /fixer:

FOMA LP-D/FOMAFIX

Manual processing:

developer: FOMA LP-T
5 min/20°C