

# 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

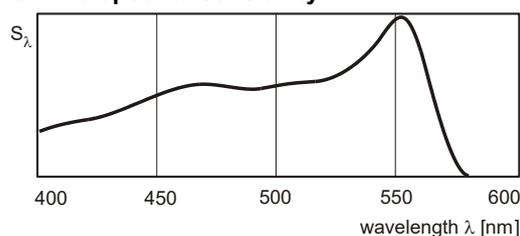
FOMAFIX - rapid fixer

## Storage

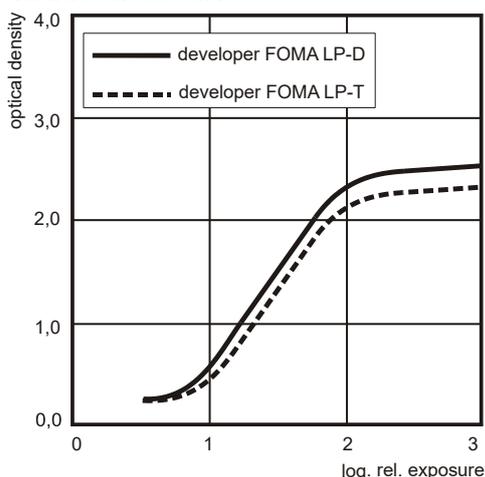
Films should be stored in original packaging (boxes should be stored in vertical position) at 10-25 °C and rel. humidity 40-60%, out of ionizing radiation and aggressive gases. The same conditions apply to shipping. If this is not otherwise possible due to technical reasons, the temperature and / or 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