MEDIX SH

FILM FOR X-RAY IMAGE INTENSIFIERS AND FLUOROGRAPHY

Characteristic

MEDIX SH is an orthochromatic single-side coated radiographic film. It is endowed with a higher sensitivity, high gradation and high maximum intensity of blackening. It is determined for scanning from X-ray intensifiers in connection with high-speed scanning camera on non-perforated film and for fluorography.

Base

MEDIX SH 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

MEDIX SH is supplied wound up with emulsion down in the following types:

– 105 mm x 30 m non-perforated, internal diameter of cardboard core of 23.5 mm
– 110 mm x 20 m non-perforated, internal diameter of cardboard core of 35 mm
– 70 mm x 30 m non-perforated, internal diameter of cardboard core of 23.5 mm.

Darkroom illumination

MEDIX SH is processed in dark or by dark red safe light (e.g. Agfa R4, Kodak GBX2 filter) or at diode illumination with the wave length of 660 nm.
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. MEDIX SH is processed in processors with the cycle of 120 s or longer or manually in standard processing baths determined 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

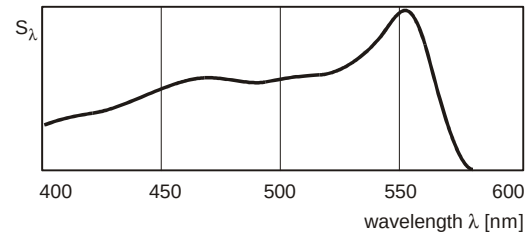
Recommended baths for manual processing (temperature of 20°C/5 min)

FOMA LP-T - developer
FOMA LP-TR - replenisher
FOMAFIX - rapid fixer

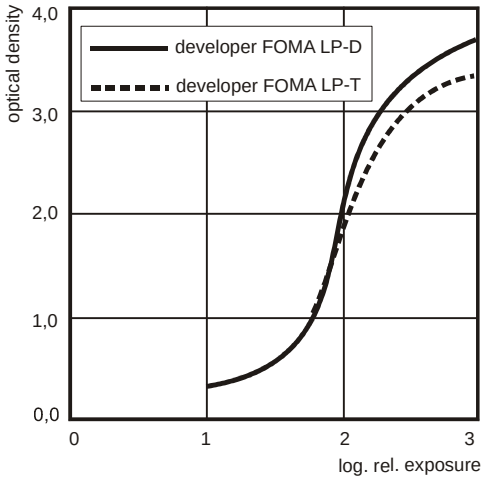
Storage

Non-exposed films should be stored in intact original packing (boxes should be stored in vertical position) at the temperature of 5 – 20 °C, relative humidity of 50 – 60 %, outside of the reach of effects of harmful vapours, gases, X-ray or another ionising radiation. In case of a long-term storage, it is advisable to store films in a fridge. Before use, it is necessary to have the film conditioned to the ambient temperature in an intact packing for 2 – 4 hours.

Relative Spectral Sensitivity



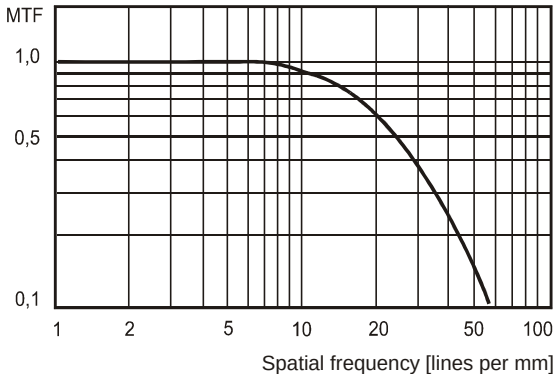
Characteristic curves



Automatic processing:
processor Protec M 45
cycle 2 min/34 °C
FOMA LP-D/FOMAFIX

Manual processing:
developer FOMA LP-T
5 min/20 °C

Modulation Transfer Funkcion



The product has been produced and marketed in conformity with a quality system according to the international standard EN ISO 9001.

PLEASE CONTACT YOUR REGIONAL DISTRIBUTOR:

XSPEC TECHNOLOGY SDN BHD
No. 8, Jalan Industri USJ 1/8, Taman Perindustrian USJ 1, 47600 Subang Jaya, Selangor, Malaysia.
Tel: +60 3 80231161 Fax: +60 3 80231167
http://www.xspec.com.my or inquiry@xspec.com.my