

Characteristic

Charakteristic curve

MEDIX XBU

BLUE-SENSITIVE UNIVERSAL MEDICAL RADIOGRAPHIC FILM

MEDIX XBU is a blue-sensitive, double emulsion high-speed medical radiographic film featuring uniform and reasonable high contrast over the whole exposure area. This ensures outstanding detail differentiation in all parts of final image and in each sort of X-ray examination.

Use

MEDIX XBU is designed for general use in medical radiography using blue-emitting intensifying screens, for example Agfa CP-B (100, 200, 400); CAWO SE (1, 2, 4, 8); Rarex Blue Detail (100); Fast Detail (400), Blue III (800).... Contrast in the middle part of sensitometric curve and the shape of its curvature guarantee excellent visualization of all respective details in the examined area such as bones and blood vessel structures.

The toe of sensitometric curve is situated to enable very good visualization of areas with low optical density such as the diaphragm, the mediastinum etc.

Benefits

- constant image quality even though the film is processed under unfavourable conditions
- resistant to desensitization
- outstanding antistatic layer prevents the building up of electrostatic charges
- possibility of manual processing

Base

MEDIX XBU is manufactured on a bluish 0.18 mm thick polyester base with excellent dimensional stability. On both sides the film is protected against mechanical damage and the building up of electrostatic charges by an effective supercoat.

Packaging

MEDIX XBU is available in sheets from 13 x 18 to 35.6 x 43.2 cm in a cardboard box by 100 sheets NIF. Non-standard sizes can be delivered on request.

Darkroom illumination

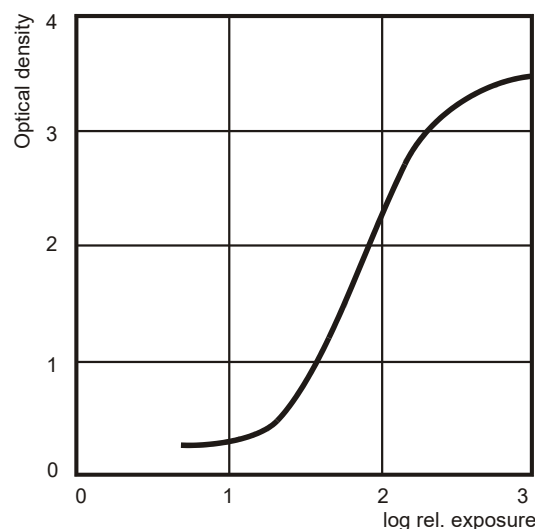
The film is processed at yellow or diode safety illumination with wavelength of 590 nm and higher. Length of exposure and a distance of the processed material from the illumination source should be tested

Processing

MEDIX XBU can be processed in roller processors in 90 seconds cycle time (or longer), or manually in tanks, using common chemicals. Optimum results are reached with FOMA LP-D Developer and FOMA LP-T Developer for automatic and manual processing respectively.

Storage

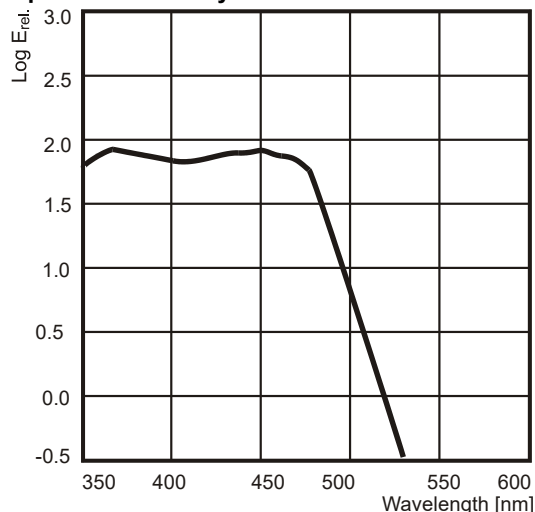
Unexposed film should be stored in an intact original packing (the boxes should stand in the vertical position) at temperatures of maximum 25 °C and relative humidity of 40–60 %, away from harmful fumes, gases, X-ray and other ionizing radiation. The same conditions apply to transportation as well. The inventory should rotate.



Processing:

PROTEC M 45S Processor 2 min. at 34 °C
Developer: FOMA LP-D

Spectral sensitivity



The product has CE 1014 marking and has been produced and marketed in conformity with the requirements of the Directive 93/42/EEC and the Act No 22/1997 Coll. while using the standards ČSN EN ISO 9001, EN ISO 13485 (EZÚ Praha).