

MEDIX XBU

BLUE-SENSITIVE UNIVERSAL MEDICAL RADIOGRAPHIC FILM

General information

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 13x18 to 35.6 x43.2 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

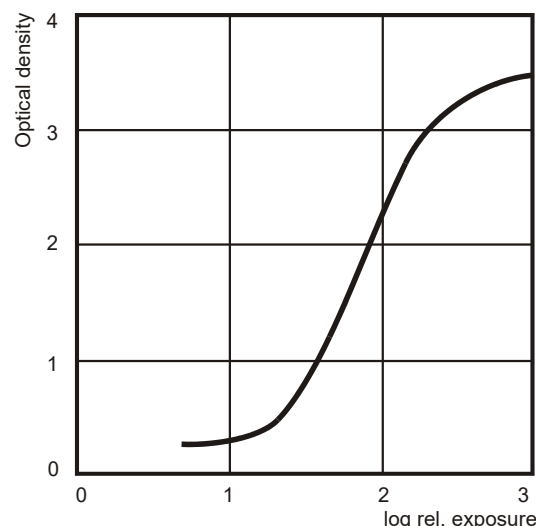
MEDIX XBU can be processed in roller processors in 90 seconds cycle time (or longer), or manually in tanks, using common chemicals. Optimum results are reached with FOMA LP-D Developer and FOMA LP-T Developer for automatic and manual processing respectively.

Storage

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.

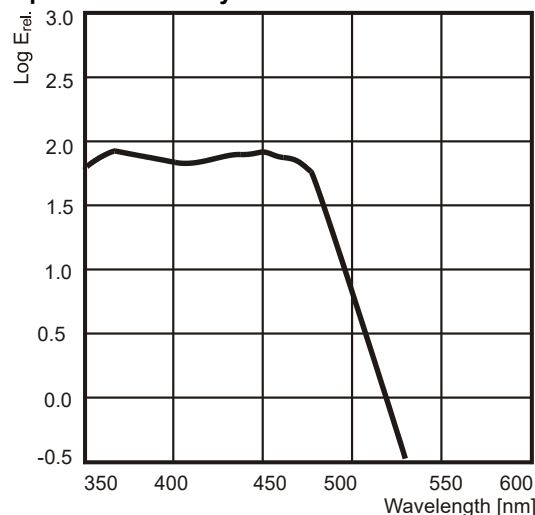
Characteristic curve



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 9001:2016, EN ISO 13485:2016 (EZÚ Praha).