

MEDIX XG

UNIVERSAL GREEN-SENSITIVE X-RAY FILM

General Information

MEDIX XG is a double coated high-quality, high-contrast, low-fog and low-noise medical X-ray film.

Application

MEDIX XG is designed for general use in radiography with green-emitting intensifying screens, for example Agfa CP-G Screens (100, 200, 400); CAWO OG (2, 4, 8, 16); Rarex Green Fine (100), Medium (200), Regular (400)... The film speed is adapted to special applications according to contemporary international standards. MEDIX XG can be used with excellent results in angiography where it gives sharp and detailed images of even the smallest blood vessels. The film is outstanding for the imaging of bone structures images, allowing even the detection of hairline fractures.

Benefits

MEDIX XG ensures excellent stability in all types of processing chemicals designed for 90 second processing. The toe of the characteristic curve ensures high contrast over low densities of the image.

Base

MEDIX XG is produced on a blue dimensionally-stable polyester base 0.175 mm thick. Images on a blue coloured base can be evaluated easier and are more agreeable to look at. On both sides the film is furnished with a supercoat against mechanical damage and the building up of electrostatic charges.

Packaging

MEDIX XG is available in sheets from 13x18 to 35.6x43.2 cm, possibly in non-standard sizes in a box by 100 sheets.

Darkroom illumination

The film is processed at yellow or diode safety illumination with wavelength of 660 nm and higher. Length of exposure and a distance of the processed material from the illumination source should be tested.

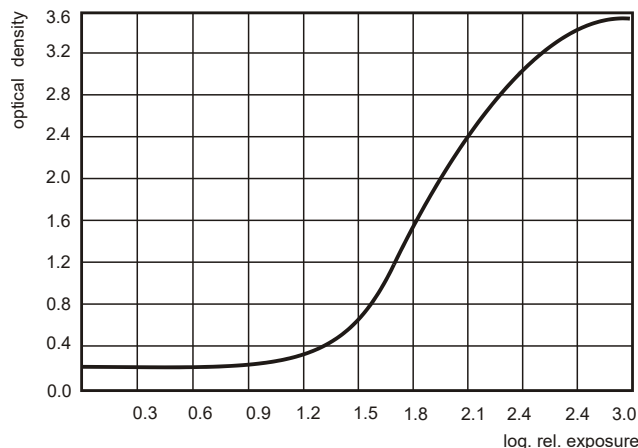
Processing

MEDIX XG should be processed in roller processors with 90 second processing time. For best results, Foma LP-D Developer and Fomafix + Fomafix H rapid fixer are recommended.

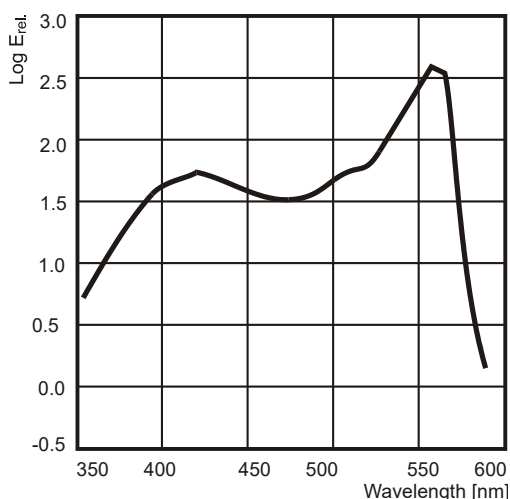
Storage

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



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).