
The versatile medium-contrast film that delivers quality results – affordably.

CARESTREAM Medical X-ray Blue/MXB Film is part of a family of Carestream offerings for radiography including films, screens, cassettes, film-processing chemicals, and automatic film processors.

This UV/blue-sensitive film provides quality and reliability based on film technology and imaging expertise. Robust processing tolerance helps to deliver consistent results. Film speed, among the highest available with any blue-sensitive film, allows for reduced exposure dose.

MXB Film is designed for use with CARESTREAM X-OMATIC Regular Screens. It is also designed to work well with a wide range of blue- and UV-emitting screens from other manufacturers.

Advantages at a Glance
• T-Grain® emulsion that delivers high visibility of details
• Film speed among the highest of any blue-sensitive radiography film
• Enhanced blue image tone to deliver optimal viewing characteristics and reduce eye fatigue
• Manual or automatic processing in standard cycle
• Excellent speed and contrast stability under variable processing conditions to help ensure consistent results
Product Information

Film Sizes
- 100 SH 35 x 43 cm 152 2200
- 100 SH 35 x 35 cm 172 8609
- 100 SH 24 x 30 cm 166 8144
- 100 SH 11 x 14 in 181 8236
- 100 SH 10 x 12 in 820 5155
- 100 SH 8 x 10 in 822 5526

Film Processing
Manual processing or automatic processing using standard cycle.

Safelight
GBX-2 or equivalent, standard frosted 15-watt bulb.

Effect of Chemistry
MXB Film with X-OMATIC
Regular Screens

Effect of Temperature
MXB Film with X-OMATIC
Regular Screens

Modulation Transfer Function
MXB Film with X-OMATIC
Regular Screens

*Sensitivity=reciprocal of exposure (ergs/cm²) required to produce specified density

Film speed and contrast remain very stable across a wide range of developer temperatures.

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Spectral Sensitivity
MXB Film with X-OMATIC
Regular Screens

Effect of Chemistry
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Effect of Temperature
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