

The orthochromatic medium-high-contrast film you can depend on.

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

This orthochromatic film uses T-Grain® Technology to deliver improved image resolution, reduced image noise and higher system speed. In addition, the reduced chemical replenishment rates recommended for this film can provide chemical cost savings.

MXG Film is designed for use with CARESTREAM LANEX Screens or equivalents. These screens deliver speed and resolution with the imaging power of green-light-emitting rare-earth phosphors.

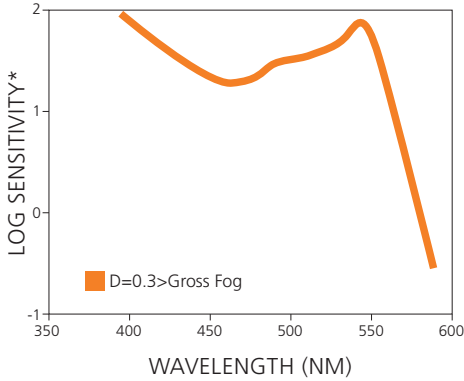
The resulting 400-screen film system, when using LANEX Regular Screens, yields high-quality images and helps reduce operating expenses.

ADVANTAGES AT A GLANCE

- T-Grain® emulsion to deliver high detail visibility
- Forgiving exposure tolerance reduces need for costly re-examinations
- Robust processing characteristics to deliver consistent image quality, especially in situations where there may be variations in chemistry temperature and/or chemistry integrity
- Enhanced blue-image tone delivers excellent viewing characteristics and reduces eye fatigue
- Manual or automatic processing in standard and rapid (60-second) cycles

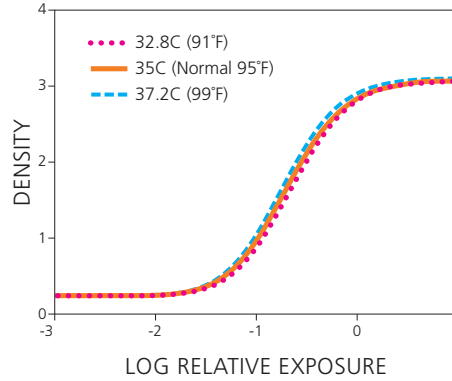
CARESTREAM Medical X-ray Green/MXG Film

Spectral Sensitivity
MXG Film with
LANEX Regular Screens



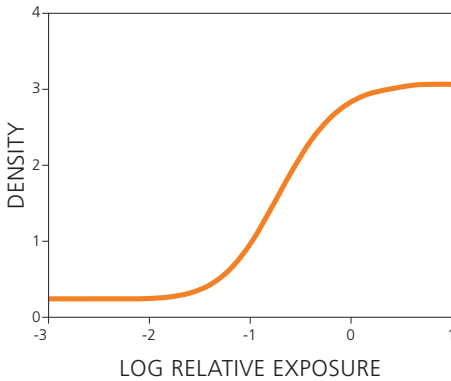
*Sensitivity = reciprocal of exposure (ergs/sq cm) required to produce specified density

Effect of Temperature
MXG Film with
LANEX Regular Screens

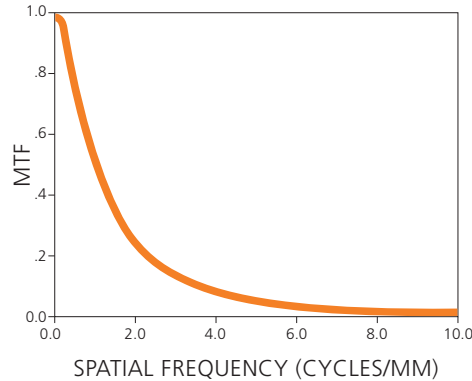


Film speed and contrast very stable across a wide range of developer temperatures

Sensitometric Curve
MXG Film with
LANEX Regular Screens



Modulation Transfer Function
MXG Film with
LANEX Regular Screens



Product Information

Film Sizes

- 100 SH 35 x 43 cm
- 100 SH 35 x 35 cm
- 100 SH 30 x 40 cm
- 100 SH 30 x 35 cm
- 100 SH 24 x 30 cm
- 100 SH 24 x 24 cm
- 100 SH 18 x 24 cm
- 100 SH 18 x 43 cm
- 100 SH 11 x 14 in
- 100 SH 10 x 12 in
- 100 SH 8 x 10 in

CAT No.

- 190 1909
- 164 0820
- 129 0527
- 131 0911
- 166 6007
- 186 1202
- 811 6428
- 146 3116
- 168 0354
- 106 5820
- 138 1326

Film Processing

Manual or automatic processing using standard and rapid (60-second) cycles.

Safelight

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



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