

## 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.

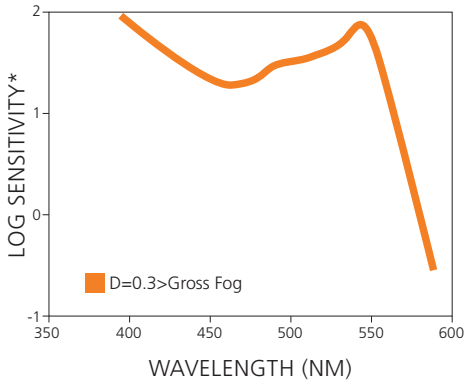
The resulting 400-screen film system, when using LANEX Regular Screens, yields high-quality images and helps reduce operating expenses.

## 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

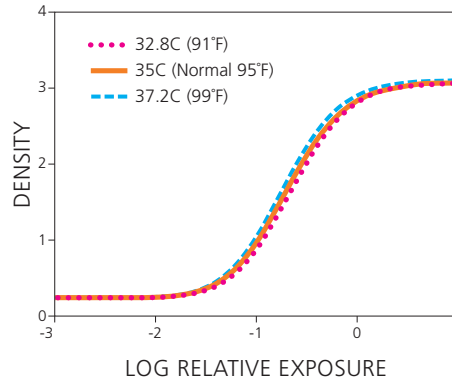
# CARESTREAM Medical X-ray Green/MXG Film

**Spectral Sensitivity**  
MXG Film with  
LANEX Regular Screens



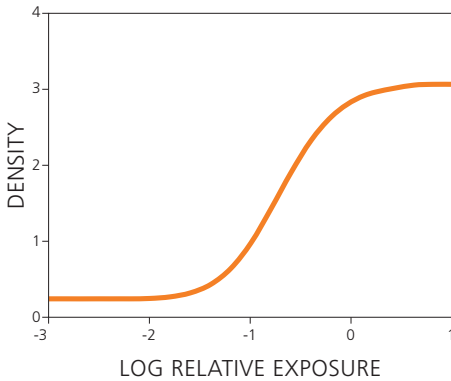
\*Sensitivity = reciprocal of exposure (ergs/sq cm) required to produce specified density

**Effect of Temperature**  
MXG Film with  
LANEX Regular Screens

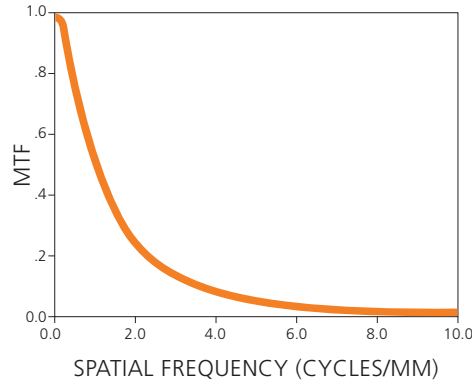


Film speed and contrast very stable across a wide range of developer temperatures

**Sensitometric Curve**  
MXG Film with  
LANEX Regular Screens



**Modulation Transfer Function**  
MXG Film with  
LANEX Regular Screens



## Product Information

### Film Sizes

Film Sizes	CAT No.
• 100 SH 35 x 43 cm	190 1909
• 100 SH 35 x 35 cm	164 0820
• 100 SH 30 x 40 cm	129 0527
• 100 SH 30 x 35 cm	131 0911
• 100 SH 24 x 30 cm	166 6007
• 100 SH 24 x 24 cm	186 1202
• 100 SH 18 x 24 cm	811 6428
• 100 SH 18 x 43 cm	146 3116
• 100 SH 11 x 14 in	168 0354
• 100 SH 10 x 12 in	106 5820
• 100 SH 8 x 10 in	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.



[carestream.com](http://carestream.com)

