



## **CURIX™ ORTHO HT-L PLUS**

*Film*

Medium-to-low contrast film,  
fit for all circumstances

- Green-sensitive film, fit for even the most difficult circumstances
- Designed for HT processing
- Constant high image quality with Agfa's Disc Grain and Split Emulsion Layer technologies
- Variable Range Hopping, Agfa's permanent antistatic layer, incorporated

**> CURIX ORTHO HT-L PLUS IS  
A HIGH-SPEED FILM WITH A LOW  
CONTRAST TO USE WITH GREEN  
INTENSIFYING SCREENS, EACH PART  
OF WHICH HAS BEEN CAREFULLY  
DESIGNED TO THE IDEAL SHAPE.**

### *Maximum flexibility*

The curve's toe has a flat slope, which means that the film provides ample information in the low-density areas. CURIX Ortho HT-L Plus is a film which is notable for its exceptional visualization of the retrocardial and mediastinal area. The contrast from the middle section of the curve up to the curve's shoulder is low: all relevant information is translated into a detailed image with high perceptibility.

The shape of the curve of the CURIX Ortho HT-L Plus film shows that the film is fit for use in even the most difficult circumstances, e.g. in portable examinations and in all other areas which require a large exposure contrast.

# ***CURIX ORTHO HT-L PLUS***

## ***Ready for the digital era***

Thanks to the unique Variable Range Hopping concept, CURIX Ortho HT-L Plus is coated with an antistatic layer that remains on the film after processing. The film attracts less dust and dirt thus reducing artifacts, which increase the quality of scans. This results in improved transport in scanning devices with bulk autofeed. The antistatic layer is also harder, making the film more scratch-resistant after processing in digitizers. This not only increases the quality of digitized images, but also positively influences the maintenance cost for scanners.

## ***Increased efficiency and reduced operational cost***

Cost reduction has become a major concern in today's radiology department. In this respect, the CURIX Ortho HT-L Plus film has been specially designed for processing in high-throughput processors and daylight equipment, such as the CLASSIC E.O.S. and the COMPACT E.O.S.. This approach increases efficiency, and reduces the overall operational cost.

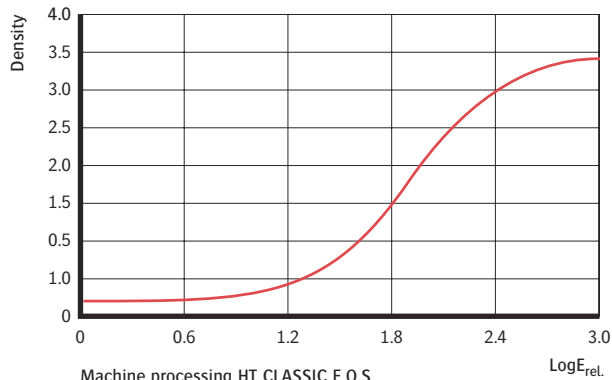
CURIX Ortho HT-L Plus also yields premium consistency: Agfa's Disc Grain technology provides constant high image quality, even when the film is processed in weaker chemicals or in unfavorable conditions. Agfa's Split Emulsion Layer (SEL) technology adds increased sharpness for improved image quality.

## ***Threefold ecologically sound processing***

CURIX Ortho HT-L Plus film is fully compatible with the CLASSIC E.O.S. processor. This reduces both the silver content in wash water and the fixer replenishment rate by 35 %.

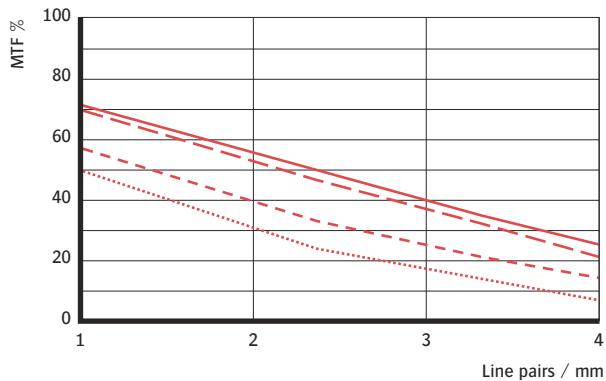
Additionally, CURIX Ortho HT-L Plus can be processed in glutaraldehyde-free developer and low-odor fixer, which is another significant step towards ecologically sound processing.

### Sensitometric curve



Machine processing HT CLASSIC E.O.S.  
G138i developer and G334 fixer 38 °C (100 °F)

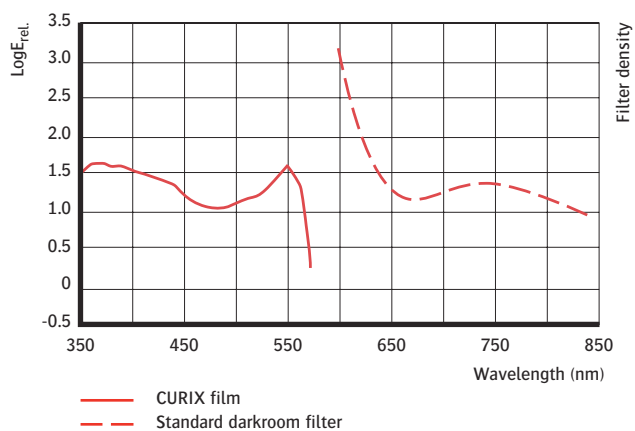
### Modulation transfer function



CURIX Ortho HT-L Plus film with CURIX Ortho screens

- CURIX Ortho Fine screen
- - CURIX Ortho Medium screen
- ... CURIX Ortho Regular screen
- . CURIX Ortho Fast screen

### Darkroom sensitivity curve



- CURIX film
- - Standard darkroom filter

## TECHNICAL SPECIFICATIONS

### Safelight Requirements

- The use of a special red safelight filter is recommended
- It should be used in combination with a 15 watt frosted bulb and be positioned at least at 1.2 m (4 feet) from the unloading/loading area and processor tray

### Processing

- CURIX Ortho HT-L Plus film can be used in both RP and HT processing
- Agfa developer and fixer processing solutions are recommended

### Handling

- The film should be handled carefully
- Creasing, buckling as well as physical pressure should be avoided

### Storage

- Unopened, unexposed films should be stored at or below 21 °C (70 °F) in a dry location
- The relative humidity is preferably between 30 and 50 %
- In addition, the film should be protected from ionizing radiation

### Packaging

- CURIX Ortho HT-L Plus film is available in all customary sizes in 100 sheet packaging
- Other packaging and sizes are available on special order
- For more information, please contact your local Agfa HealthCare sales representative

*Agfa, the Agfa rhombus, Point of Knowledge, See More. Do More and CURIX are trademarks of Agfa Gevaert N.V., Belgium or its affiliates. All other trademarks are held by their respective owners and are used in an editorial fashion with no intention of infringement.*

*The data in this publication are for illustration purposes only and do not necessarily represent standards or specifications which must be met by Agfa. All information contained herein is intended for guidance purposes only, and characteristics of the products described in this publication can be changed at any time without notice.*

*Products may not be available for your local area. Please contact your local sales representative for availability information.*

*Agfa diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.*

© 2016 Agfa HealthCare NV

All rights reserved

Printed in Belgium

Published by Agfa HealthCare NV

B-2640 Mortsel - Belgium

ND7L6 GB 00201601

**AGFA**   
HealthCare