

Ortho HT 1000 G

FILM

Film optimized for digital scanning technology, with constant high image quality.

- Green-sensitive universal film with excellent sharpness and a medium-to-high contrast
- Designed for HT processing
- Optimized for digital scanning with Dynamic Range Matching technology
- Variable Range Hopping, Agfa's antistatic layer, incorporated
- Constant high image quality with Agfa's Disc Grain and Split Emulsion Layer technologies

CURIX Ortho HT 1000 G is a universal high-speed film with a medium-to-high contrast, to use with green intensifying screens. Each part of the film has been carefully designed into the ideal shape.

CURIX Ortho HT 1000 G: a truly universal film

The sensitometric curve of the CURIX Ortho HT 1000 G film features both a high toe contrast and a high maximum density. Furthermore, using CURIX Ortho HT 1000 G film in combination with the new CURIX Ortho Medium or CURIX Ortho Regular screens produces excellent sharpness at all times, resulting in more perceptible details.





Ready for the digital era: Dynamic Range Matching

CURIX Ortho HT 1000 G is a film with an optimized sensitometric curve to take full advantage of digital scanner capabilities. This optimization was achieved by implementing the unique and innovative 'Dynamic Range Matching'-technology. Dynamic Range Matching yields a maximum density as close to 4.00 as possible, allowing the recording of the entire density range.

Loss of information due to cut-off of either the film or the scanners is avoided as their dynamic ranges will be closely matched. Moreover, the straight-line portion of the film is highly linear, resulting in more precise digital image processing..

Ready for the digital era: Variable Range Hopping

Thanks to the unique Variable Range Hopping concept, CURIX Ortho HT 1000 G is coated with an antistatic layer that remains on the film after processing. The film attracts less dust and dirt thus reducing artifacts, which increases the quality of scans. This results in improved transport in digitizers with bulk autofeed. The antistatic layer is also harder, making the film more scratch-resistant after processing.

Increased efficiency and reduced operational cost

Cost reduction has become a major concern in today's radiology department. Therefore, the CURIX Ortho HT 1000 G film has been specially designed for processing in highthroughput processors and daylight equipment (e.g. CLASSIC E.O.S., COMPACT E.O.S.), increasing efficiency and reducing the overall operational cost. CURIX Ortho HT 1000 G also excels in 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 1000 G is fully compatible with the CLASSIC E.O.S. processor, which reduces both the silver content in wash water and the fixer replenishment rate by 35 %. Furthermore, the film can be processed in glutaraldehyde-free developer and low-odor fixer, which is a major step towards ecologically sound processing.

Technical Specifications

GENERAL

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 1000 G 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 film should be stored between 4°C and 25°C in a dry location
- In addition, the film should be protected from ionizing radiation

Packaging

- CURIX Ortho HT 1000 G film is available in all customary sizes in 100 sheet packaging
- Other packaging and sizes are available on special order

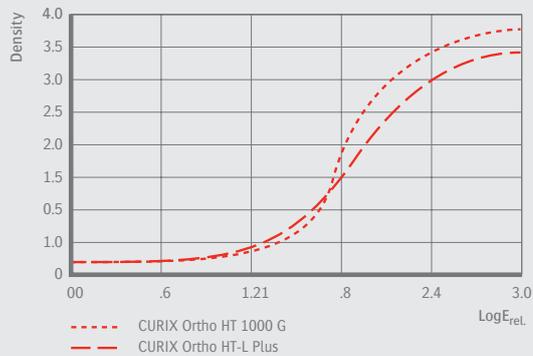


The symbol used on the label of the packaging means: Only open in darkroom.

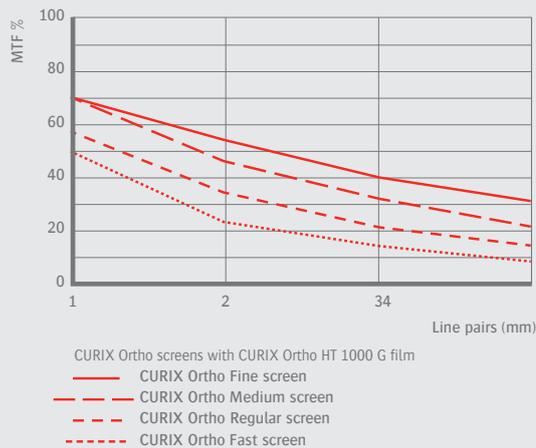
For more information, please contact your local Agfa sales representative.

CURVES

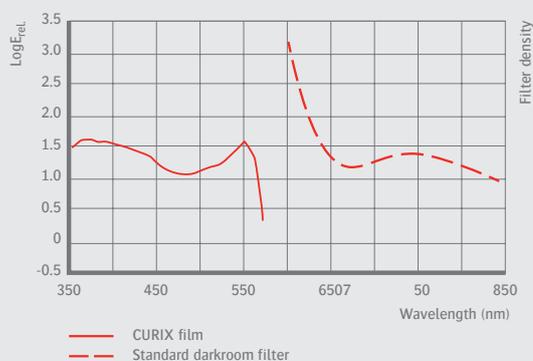
Sensitometric curve



Modulation transfer function



Darkroom sensitivity curve



ORTHO HT 1000 G

For more information on Agfa, please visit our website on www.agfa.com ■

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Published by Agfa NV
Septestraat 27 - 2640 Mortsel
Belgium

GB 00201905

