



## **CURIX™** **HT 1.000 G Plus** *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 HT 1.000 G PLUS 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 HT 1.000 G Plus:*** ***a truly universal film***

The sensitometric curve of the CURIX HT 1.000 G Plus film features both a high toe contrast and a high maximum density.

Furthermore, using CURIX HT 1.000 G Plus 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 HT 1.000 G Plus 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.

# **CURIX**

## ***HT 1.000 G Plus***

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 HT 1.000 G Plus is coated with an antistatic layer that remains on the film after processing. The film attracts less dust and dirt thus reducing artefacts, 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***

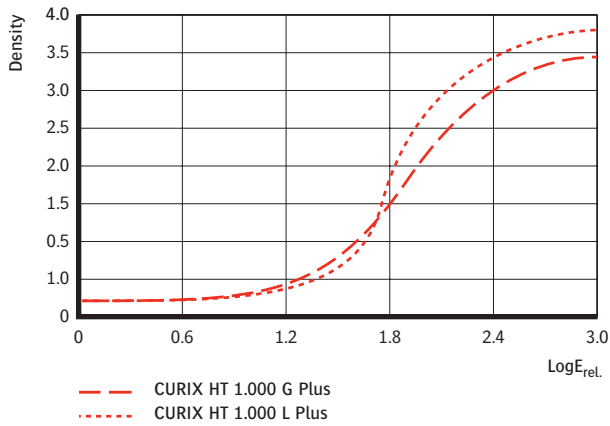
Cost reduction has become a major concern in today's radiology department. Therefore, the CURIX HT 1.000 G Plus film has been specially designed for processing in high-throughput processors and daylight equipment (e.g. CLASSIC E.O.S., COMPACT E.O.S.), increasing efficiency and reducing the overall operational cost. CURIX HT 1.000 G Plus also excels in consistency: Agfa's Disc Grain technology ensures 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***

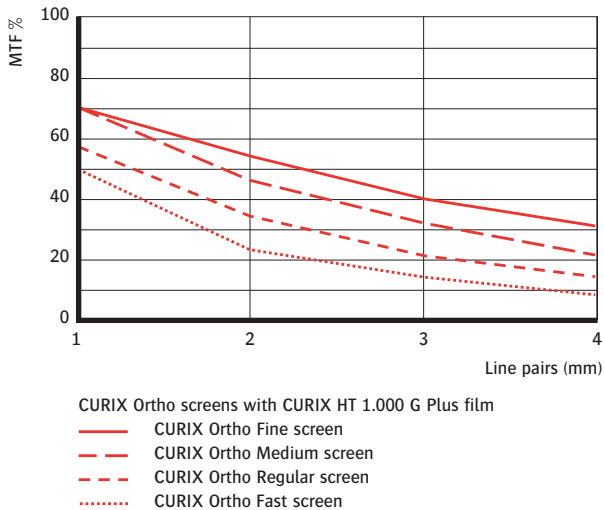
CURIX HT 1.000 G Plus is fully compatible with the CLASSIC E.O.S. processor, which reduces both the silver content in wash water and the fixer replenishment rate by 35 %. Furthermore, the film can be processed in glutaraldehyde-free developer and low-odor fixer, which is a major step towards ecologically sound processing.

## TECHNICAL SPECIFICATIONS

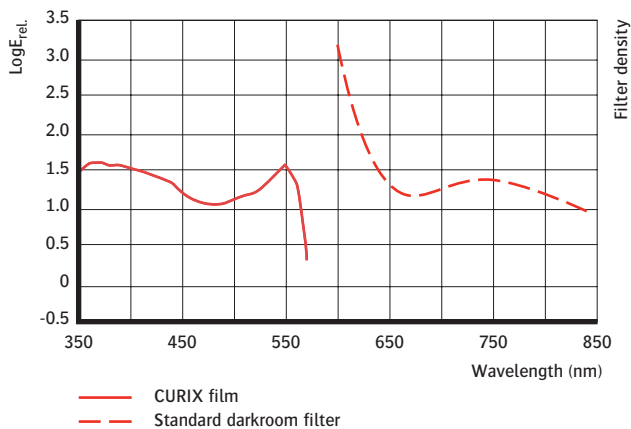
### Sensitometric curve



### Modulation transfer function



### Darkroom sensitivity curve



#### 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 HT 1.000 G 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 HT 1.000 G 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

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