

AGFA



AGFA
RADIOLOGY
SOLUTIONS

Ortho CP-GU M

Film

High-speed, universal film with a high image quality in all processing conditions.
Ortho CP-GU M is a green-sensitive, universal film with a high system speed.

 [Datasheet](#)

AGFA 

- > High-speed green-sensitive film
- > Member of the CP family of Agfa film
- > High contrast and low fog
- > Suitable for a complete range of applications
- > Standard 90 second processing
- > Excellent visualization across density levels
- > High image quality in all processing conditions

High-speed, green-sensitive, universal X-ray film

Ortho CP-GU M is a general X-ray film that has been designed for use in general radiology in combination with green emitting, intensifying screens. This film solution is suitable for use in high-speed screen/film systems and fit for use in all processing conditions, while maintaining a constant and high image quality.

Designed for a complete range of applications

Ortho CP-GU M has a specially designed characteristic curve, resulting in a universal film. The curve provides high contrast in the low-density areas of the image, while the contrast in the middle section and in the shoulder of the curve is sufficient to enable excellent visualization of the varying density levels. This means Ortho CP-GU M provides all relevant details in high density areas such as bone structures, a clear presentation of middle density areas such as all lung field structures and well-displayed information in low density areas such as the diaphragm, retrocardial, mediastinal and spinal areas. With its high contrast and low fog, Ortho CP-GU M allows the user to read all necessary information quickly.

Consistent image quality across all processing conditions

Agfa's unique emulsion technology keeps image quality at a consistently high level, even when the film is processed in weaker chemicals or less-favorable conditions.

CP family of Agfa films

The CP family of Agfa films allows you to select the film which matches your specific requirements best.

- > CP-BU NEW film - blue-sensitive universal film
- > CP-BU M film - blue-sensitive universal film
- > Ortho CP-G Plus film - green-sensitive universal film
- > Ortho CP-GU film - green-sensitive universal film
- > Ortho CP-GU M film - green-sensitive universal film

Furthermore, specially designed screens are available for these films.



Technical Specifications

General

Operation:

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

Processing:

- Ortho CP-GU M film is designed for RP, extended and manual processing
- Agfa developer and fixer processing solutions are recommended

Handling:

- The film should be handled with care
- Creasing and 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
- The film should be protected from ionizing radiation

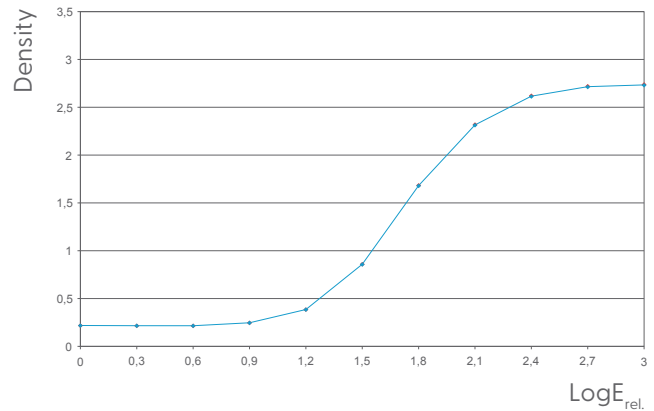
Packaging:

- Ortho CP-GU M film is available in all customary sizes in 100 sheet packaging
- Other packaging and sizes are available on special order

Curves

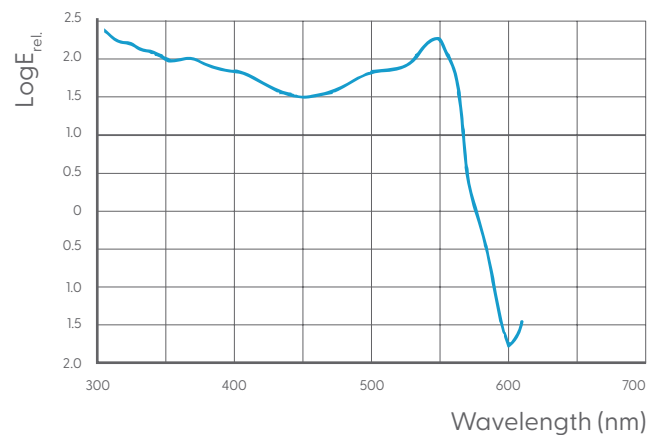
Characteristic curve:

Machine processing 90 s 34 °C with G138i/G334i and CURIX Ortho Regular screen



Spectral sensitivity curve:

Sensitivity according to the energy necessary to attain a density of 1 above fog



The symbol used on the label of the packaging means: Only open in darkroom. For more information, please contact your local Agfa sales representative.

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[agfaradiologysolutions.com](https://www.agfaradiologysolutions.com) » Septestraat 27 - 2640 Mortsel - Belgium

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