

ORTHO CP-GU FILM



High-speed, universal film
with a high image quality
in all processing conditions

Ortho CP-GU IS A GREEN-SENSITIVE,
UNIVERSAL FILM WITH A HIGH SYSTEM
SPEED THAT ALLOWS DOSE REDUCTION
IN ALL PROCESSING CONDITIONS.

- High-speed green-sensitive film
- Member of the CP family of Agfa film
- High contrast, low fog and low noise level
- 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 is a general X-ray film that has been designed for use in general radiology in combination with greenemitting, intensifying screens. With its high system speed, this film solution allows considerable dose reduction in all processing conditions, while maintaining a constant and high image quality.

Designed for a complete range of applications

Ortho CP-GU has a specially designed characteristic curve, resulting in a universal film. The curve ensures 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 guarantee excellent visualization of the varying density levels. This means Ortho CP-GU provides all relevant details in high density areas such as bone structures and angiography, 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, low fog and low noise level, Ortho CP-GU 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.

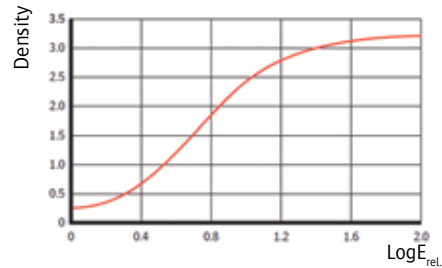
CP family of Agfa films for full choice

With the CP family of Agfa films, there is a full choice available to best match the specific requirements.

- CP-BU NEW film - blue-sensitive universal film
- Ortho CP-G Plus film - green-sensitive universal film
- Ortho CP-GU film - green-sensitive high speed universal film
- CP-GL film - green-sensitive latitude film

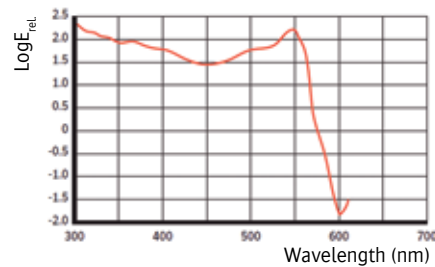
Furthermore, specially designed screens are available for these films.

Characteristic curve



Machine processing 90 s 33°C (95°F) 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

Technical

SPECIFICATIONS

Safelight requirements

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

Processing

- Ortho CP-GU film has been designed for standard RP 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 at or below 21 °C (70 °F) in a dry location
- The relative humidity is preferably between 30 and 50 %
- The film should be protected from sources of ionizing radiation

Packaging

- Available in all customary sizes in 100 sheet packing
- Other packing and sizes available on special order
- For more information, please contact your local Agfa HealthCare sales representative

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