

# ORTHO CP-G *PLUS*

## Film

Universal film with high contrast in the low densities to ensure sharp and detailed images



GREEN-SENSITIVE UNIVERSAL FILM WITH A HIGH CONTRAST, LOW FOG AND LOW NOISE LEVEL, ENABLING QUICK READING OF ALL NECESSARY INFORMATION.

### Green-sensitive universal X-ray film

Ortho CP-G Plus is a general X-ray film designed for use with green emitting intensifying screens. The system speed of this film has been adapted for specific applications, according to the international guidelines.

The toe of the sensitometric curve has a form which ensures a high contrast in the low densities of the image. This permits the use of Ortho CP-G Plus film in applications such as angiography, where it gives sharp and detailed images of even the smallest blood vessels as well as of bone structures.

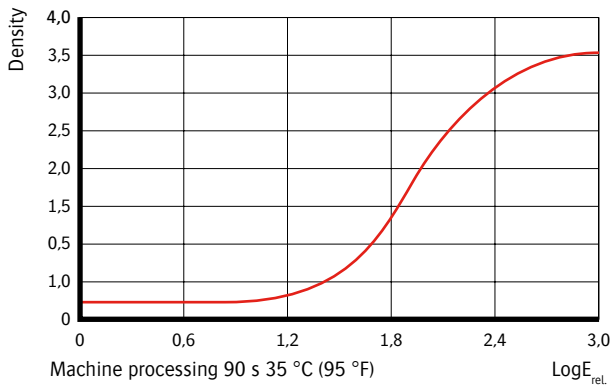
### Multitude of applications

Even small differences in absorption between soft tissue and air become visible by the varying density levels, thanks to the high contrast which is also enhanced by the form of the shoulder of the sensitometric curve. The typical form of the sensitometric curve makes Ortho CP-G Plus film ideal for the imaging of bone structures, allowing even the detection of hairline fractures. The film is also suitable for Orthopedics where it will give the finest details of bone structures, yet keeping the soft tissue visible. The film also offers good contrast in the main lung area, with good detail being obtained in the middle density areas. It is used to detect calcification, early signs of lung cancer and metastasis.

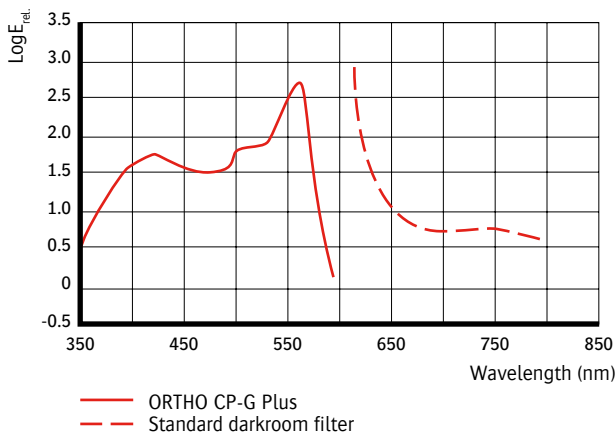
Summarizing, the Ortho CP-G Plus film can be considered as a universal film, allowing the user to read all necessary information quickly, thanks to its high contrast, its low fog and low noise level.

- Member of the CP family of Agfa film
- Green-sensitive film, suited for a complete range of applications
- High contrast, low fog and low noise level

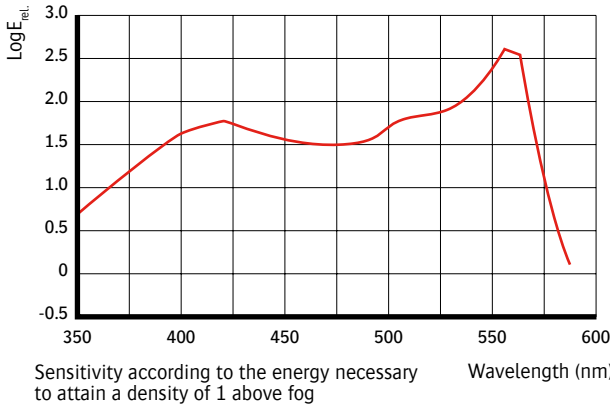
Sensitometric curve



Darkroom sensitivity curve



Spectral sensitivity curve



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

Furthermore, specially designed screens are available for these films.

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-G Plus 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%
- In addition, 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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