

# CEA OGX

## GREEN SENSITIVE FILM

Medical X-ray film for general radiography.

- High speed in all processing conditions
- Consistent image quality in all types of chemicals
- Excellent visualisation across all density levels
- Low noise level and low fog

### General description

CEA OGX is a medium to high contrast film for use in general radio-logy with green emitting 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. The flat crystal emulsion technology keeps image quality at a consistent high level, even when the film is processed in weaker chemicals or less favourable conditions.

### Processing

EA OGX is designed for standard 90 seconds processing. It can be processed in any X-ray processor with 90 to 180 seconds cycles, or manually. For consistent results we recommend CEA original processing chemicals.

### Darkroom handling

The use of a special red safelight filter is recommended like GBX-2, Wratten No 1 or EncapSulite Darkroom Safelights, Type R 20 Red. Darklight must be used in conjunction with a 15 Watt frosted bulb and must be positioned at least at 1,2 m (4 feet) distance from the unloading/loading area. The film should be handled carefully. Creasing, buckling as well as physical pressure should be avoided.

### Product benefits

- High system speed with low fog and noise level
- Suitable for a complete range of applications
- Suitable in all kinds of processing systems
- Compatible with CEA green emitting screens and all other types of green emitting screens



## Technical Specifications

### GENERAL

- Base: Polyester
- Base colour: Blue
- Thickness: 0.18 mm (0.007")
- Main spectral sensitivity: Green
- Safelight requirements:
  - 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

- Developer temperature:
  - 90 seconds: 33 - 35° C (91 - 95° F)
  - 180 seconds: 31 - 34° C (88 - 91° F)
- Replenishment rate:
  - developer: 300 - 400 ml/m<sup>2</sup>
  - fixer: 400 - 500 ml/m<sup>2</sup>
- Unopened, unexposed film should be stored between 4°C and 25°C in a dry location
- CEA OGX film is designed for RP, extended and manual processing
- Agfa & CEA developer and fixer processing solutions are recommended

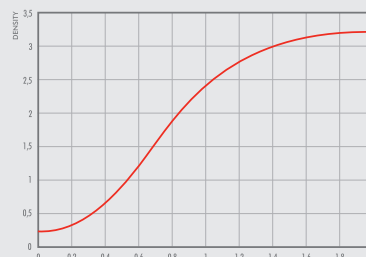


The symbol used on the label of the packaging means: Only open in darkroom.

### CURVES

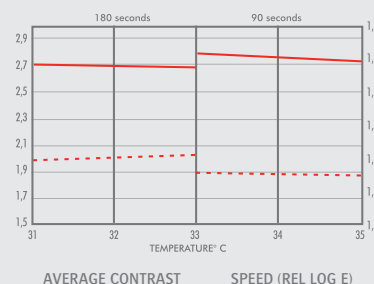
#### Sensitometric curve

- CEA OGX developed in CEAROLL Developer
- Machine processing 90 s 34° C (95° F) with G138i/G334i and CURIX Ortho Regular screen



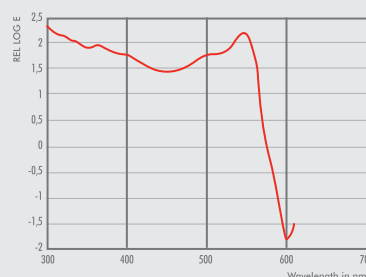
#### Speed and contrast at different processing cycles

- CEA OGA processed in CEAROLL Developer



#### Spectral sensitivity curve

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



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