

# CEA OGA

## GREEN SENSITIVE FILM

Medical X-ray film for general radiography.

- Exceptionally good resolution and sharpness
- High image definition
- Excellent handling characteristics

### General description

CEA OGA is a medium to high contrast film for use with green emitting screens. It is well suited for general radiography and for applications where high definition is required. The flat crystal emulsion minimizes the crossover effect and provides a radiograph with exceptionally good resolution and sharpness.

### Processing

CEA OGA offers complete processing versatility. It can be processed in any conventional X-ray processor with 90 or 180 second cycles, or manually. For consistent results, we recommend CEA original chemicals.



### Darkroom handling

To achieve the best safelight conditions in your darkroom, we recommend EncapSulite Darkroom Safelights, Type R 20 Red. Conventional filters like GBX-2 or Wratten No 1 may also be used. For installation recommendations, please contact your CEA representative.

### Product benefits

- Flat crystal technology for sharper images
- Environmentally friendly, recyclable packaging
- Standard sizes optionally notched for daylight use
- Can be used in all kinds of processors, daylight systems
- Compatible with CEA 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 OGA film is designed for RP, extended and manual processing
- Agfa & CEA developer and fixer processing solutions are recommended

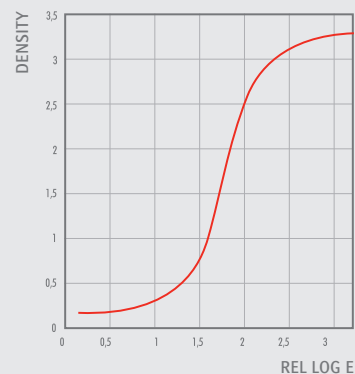


The symbol used on the label of the packaging means: Only open in darkroom.

### CURVES

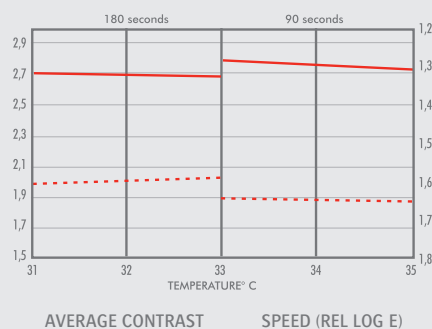
#### Sensitometric curve

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



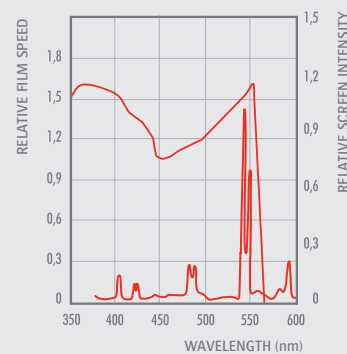
#### Speed and contrast at different processing cycles

- CEA OGA processed in CEAROLL Developer



#### Spectral sensitivity curve

- Spectral curve for CEA OGA and CEA green emitting screens with gadolinium oxysulphide



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