

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/m²
 - fixer: 400 - 500 ml/m²
- 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

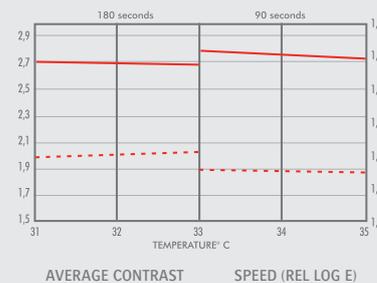
Sensitometric curve

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



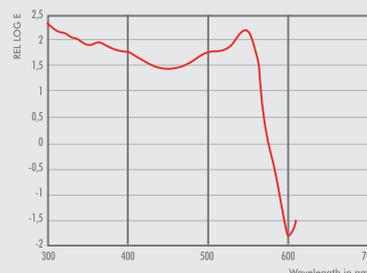
Speed and contrast at different processing cycles

- CEA OGA processed in CEAROLL Developer



Spectral sensitivity curve

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



For more information on Agfa, please visit our website on www.agfa.com ■

Agfa and the Agfa rhombus are trademarks of Agfa-Gevaert NV, Belgium, or its affiliates. All rights reserved. All information contained herein is intended for guidance purposes only, and characteristics of the products and services described in this publication can be changed at any time without notice. Products and services may not be available for your local area. Please contact your local sales representative for availability information. Agfa-Gevaert NV diligently strives to provide as accurate information as possible, but shall not be responsible for any typographical error.

© 2019 Agfa NV
All rights reserved
Published by Agfa NV
Septestraat 27 - 2640 Mortsel
Belgium

GB 00201905