

CEA RP NEW

BLUE AND UV SENSITIVE FILM

Medical X-ray film for general radiology medium to high contrast.

- Extremely good resolution and sharpness
- Excellent handling characteristics
- Improved speed and stability

General description

CEA RP NEW is a blue-light sensitive film with high speed and medium to high contrast for use with rare earth screens as well as any other blue and UV emitting screens. It is well suited for general radiology and for applications where high definition and maximum detail is required.

Processing

CEA RP NEW is designed to be processed in a 90 seconds cycle processor. Extended cycle processing is possible when appropriate. It can be processed manually or in any conventional processor. 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. For installation recommendations, please contact your CEA representative.

Product benefits

- High speed will give reduced dose to the patient
- In low active developers the CEA RP NEW, depending on the new "disc grain technology", will be more stable both in automatic and manual processing
- Can be used in all kinds of processors, daylight systems, film changers and automatic chest systems
- Compatible with CEA blue emitting screens and all other types of blue or UV emitting screens

Technical Specifications

GENERAL

- Base: Polyester
- Base colour: Blue
- Thickness: 0.18 mm (0.007")
- Main spectral sensitivity: UV and blue

PROCESSING

- Developer temperature:
 - 90 seconds: 33 - 35° C (91 - 95° F)
 - 180 seconds: 31 - 33° C (88 - 91° F)
- Replenishment rate:
 - developer: 400 - 500 ml/m²
 - fixer: 600 - 700 ml/m²
- Unopened, unexposed film should be stored between 4°C and 25°C in a dry location

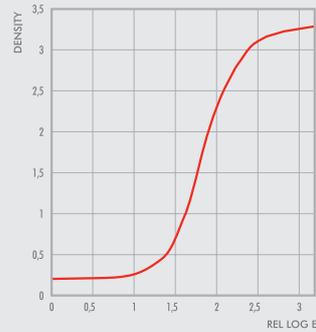


The symbol used on the label of the packaging means: Only open in darkroom.

CURVES

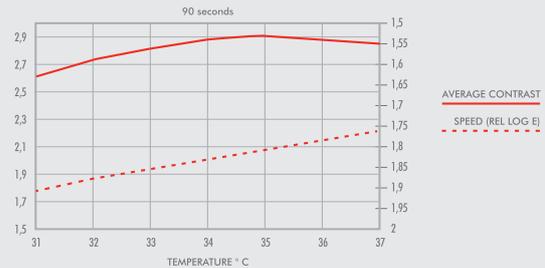
Sensitometric curve

- CEA RP NEW developed in CEAROLL Developer at 35° C (95° F) at 90 seconds processing time



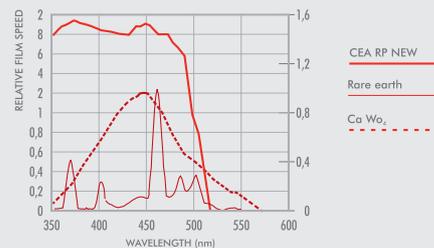
Speed and contrast at different processing cycles

- CEA RP NEW processed in CEAROLL Developer



Spectral sensitivity curve

- Spectral curves for CEA RP NEW and CEA Blue emitting Screens with rare earth and calcium tungstate



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