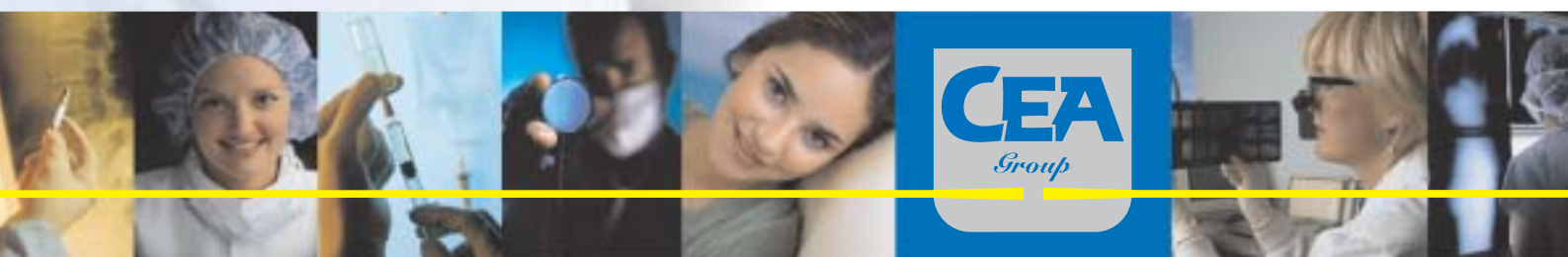




## Laser film for infra-red diodes

- High definition and sharpness
- For high quality clinical images
- Low fog and fine granularity



## GENERAL DESCRIPTION

CEA RI is a single coated film, designed to produce optimum image quality on all laser printers employing infra-red diodes (820 nm), for use in computed tomography, magnetic resonance imaging, digital subtraction angiography, digital radiography, ultrasound and nuclear medicine modalities.

## PROCESSING

CEA RI offers complete processing versatility. It can be processed in any conventional X-ray processor with 45 or 90 second cycles. It can be processed in combination with conventional, double coated X-ray film. 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 30/ND 1.05 Cyan Blue. Avoid prolonged safelight exposure. For installation recommendations, please contact your CEA representative.

## PRODUCT BENEFITS

- Emulsion matches spectral emission of infra-red laser diodes (820 nm)
- Excellent surface characteristics enhance reliable printer transport
- Environmentally friendly, recyclable packaging
- Can be used in all kinds of processors
- Localization notch to identify the emulsion side

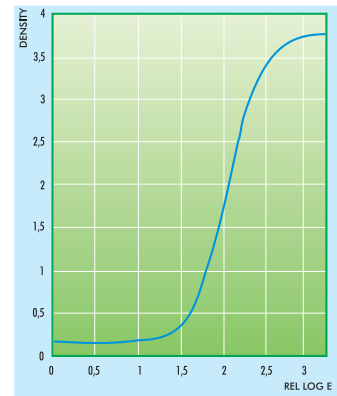
## TECHNICAL INFORMATION

Base	Polyester
Base colour	Blue
Thickness	0,18 mm (0,007")
Main spectral sensitivity	Infra-red

## RECOMMENDATIONS

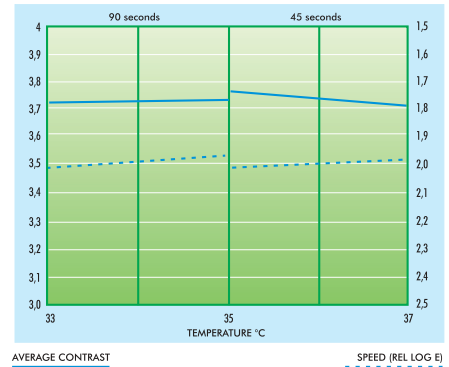
Developer temperature	45 seconds	35-37° C (95-99° F)
	95 seconds	33-35° C (91-95° F)
Replenisher rate	developer	400-500 ml/m <sup>2</sup>
	fixer	600-700 ml/m <sup>2</sup>
Storage temperature		10-20° C (50-68° F)
Rel. humidity		40-60%

## SENSITOMETRIC CURVE



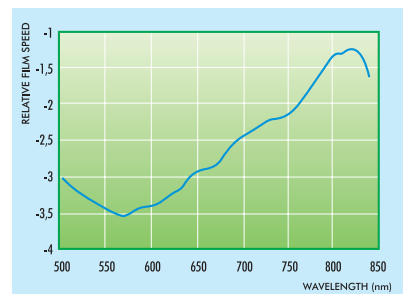
CEA RI developed in CEAROLL Developer at 35° C (95° F) at 90 seconds processing time

## SPEED AND CONTRAST AT DIFFERENT PROCESSING CYCLES



CEA RI processed in CEAROLL Developer

## SPECTRAL SENSITIVITY



Spectral curve for CEA RI



NOTIFIED BODY NO. 0402



CEA AB is ISO 9001:2000 certified

## THE SWEDISH ALTERNATIVE

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