

Revolution - Evolution



Rollei *Scanfilm* CN 400 PRO

High-resolution, un-mask Colour and B&W Film ideal for scan presentation



The ROLLEI SCANFILM CN 400 PRO is an un-mask colour negative film, with a nominal sensitivity of ISO 400/27°. His unique qualities and many-sided application possibilities revolutionise the offer of monochrome colour films. He can be used universally for nearly all professional tasks. Thanks to his fineness of grain and the latitude of sensitivity of practically one f/stop underexposure, originate succinct admissions an unusual sharpness and tonal value reproduction.

Capacity and applications:

- un-mask colour negative film – high-releasing, highly sensitive panchromatic negative film, for colour and B&W prints suitable. on account of the filmbase, especially for the digital use over scanner suitable, works not so precipitously as a slide film;
- the un-coloured film base makes easier the setting work in the darkroom; - big latitude from +/- one f/stop, with high exposure reserve for the application with all lighting conditions and weather terms.
- special coating for the improvement of the qualities in the camera;
- use with daylight, as well as with artificial light, unconditionally possible.
- polyester base with high breaking strength and resistance to tearing;
- archive-firmly LE 500;
- the big contrast area the reproduction of the most different tonality;
- very good resolution capacity, very fine grain and very high sharpness, as a basis for negatives with an excelent quality;
- really antistatic, above all, after the development;
- contains a special layer for the reduction of Newtonian rings;
- extra hard protective coatings on both sides of the film to the avoidance of scratches;
- NO CURLING – layer for excellent plan position of the film.

Emulsion layer:

Dimension-containing, tear proof polyester, 100 micron, crystal-clear for all versions, film, roll film and sheet film.

Layer construction – emulsion side: Protective coating colour emulsion layers + P.E.T. base, 100 micron
 Back side: NC protective coating

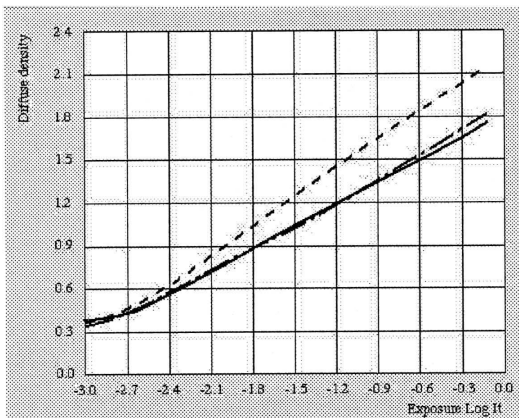
Total film thickness:	137 micron	Film sensitivity:	ISO 400/27°
Grain:	RMS (x 1000): 7.0	Resolution:	Contrast: 1000:1 L/mm: 130

Black shield effects: Exposure measurements in Sec.: 1/1000 – 1
 Exposure correction in steps: N/A

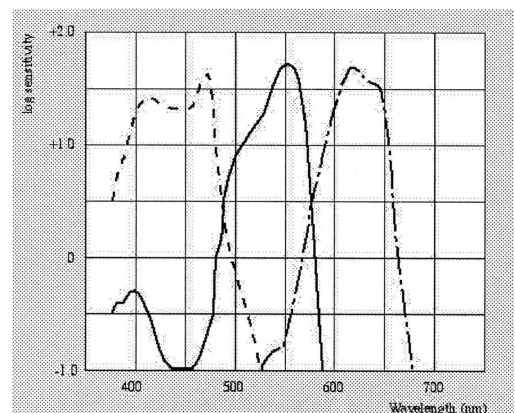
Storage: It is recommended, not to put out the film to direct sunlight, strong heat or high air humidity. With films which were stored cooled it should be waited before the use, until the film has warmed up itself to the surrounding temperature.

- un-exposed film: up to 24 months, a cooling temperature with 8°C is recommended.
- Exposed film: after the exposure keep in cool condition and process as soon as possible.

Characteristic curves:



Spectral sensitivity



Density curve:

Daylight 1/1000 s
 Development C 41

Processing: The ROLLEI Scanfilm CN 400 PRO is to be processed in the colour negative process C 41, or with these compatible processes in the large pro-labs or mini labs.

PROCESSING IN CLASSIC B&W CHEMISTRY IS NOT POSSIBLE! PLEASE USE THE C41 COLOR-PROCESS ONLY! THAT'S IT!

Packaging:	35mm cartridge 136-36 10 ea. Pro-pack	Article No.	RCN4011P
	Roll film 120 12 ea. Pro-pack	Article No.	RCN4001P

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