

SLIDE? But, please directly!



Rollei RSD

Film for the direct development of B&W slides, in a unsurpassed quality.



The **ROLLEI SLIDE DIRECT (RSD)**, is a special silver-containing film, which leads after a traditional B&W film processing, directly into B&W slides. It is a low sensitive B&W film with a nominal sensitivity of, for instance ISO 10/20. With extremely high sharpness, as well as tonality values. It can be universally used for almost ALL photographic tasks. Particularly, it is suitable for making title slides, and for copying of negatives, in order to receive in one processing step a negative again. Old negatives on triacetate film base, can be copied with its assistance for long-term archiving.

The film is used as a DIRECT COPYING FILM by institutes, which copy primarily old negatives from their stock, to obtain a negative directly. Therefore, mostly photocopying equipments are in use, which are equipped with a strong FLASH LIGHT. Therefore, it is absolutely insignificant for this group of users, how much ISO this film has – it will be simply more strongly exposed, until the results are correct.

Characteristics:

- low sensitive, high solution, orthochromatic film;
- very good solution power, extremely fine grain, and very high sharpness, as basis for excellent slides;
- special coating for improvement of the film transportation characteristics in the cameras;
- polyester base with high breaking and ultimate tensile strength;
- LE 500 (life expectancy of 500 years archival proof of film, examined by the Rochester Institute of Technology, Rochester, USA);
- Anti-halo-layer for the minimalization of de-focusing;
- anti-curling-layer for considerable improvement of film flatness;
- Anti-Newton-layer against Newton rings;
- the film can be used at day-, artificial light, and flashlight;
- the film behaves before and after processing antistatically;
- accurate, tear firm, transparent P.E.T. film base
- owing to its highly transparent film base, very well suitable for scanning and projection;

Layer structure:

- | | |
|-------------------------------------|--|
| - highly transparent P.E.T. carrier | 100 micron |
| - emulsion side: | emulsion layer, halation protective layer, |
| - back side: | anti-static-layer |

Resolution capacity: 326 Lp/mm at contrast of 1000 : 1

Emulsion layer thickness: 4 micron

Exposure index:

Due to the composition of the emulsion, the ROLLEI SLIDE DIRECT RSD needs **enormously much light** for a meaningful admission. An **tripod** is inevitable for a successful work with this film. An ISO standard exists only for PANCHROMATIC, not, however for ortho- and/or orthopanchromatic films! Therefore, data are not standardized in ISO, which are made for ortho films, correspond as far as possible, to the personal experiences, compared with panchromatic films. Declarations, e.g. 10-25 ISO, how in our earlier guidances takes place, leads therefore to **MINUS ISO VALUES!** Do not let thereby, confuse yourself! **For the statement of the exact exposure index, we recommend urgently to accomplish an row of exposures!** For this, the value is **ISO 6** to adjust - at the exposure meter and/or at the camera, afterwards, **row exposures with gradual over exposures are recommended around in each case a full f/stop.** With an over exposure of **four (4) to five (5) f/stops**, achieves best results, as the specified examples occupy impressively. Nominal sensitivity depends among other things, on the choice of the developer. We recommend the use of **powerful, strong developers**, e.g. ROLLEI RHS (LP-SUPERGRAIN) dilution 1+7.

Setting on the exposure meter and/or on the camera: ISO 6 !

+3

+4

+5

+6

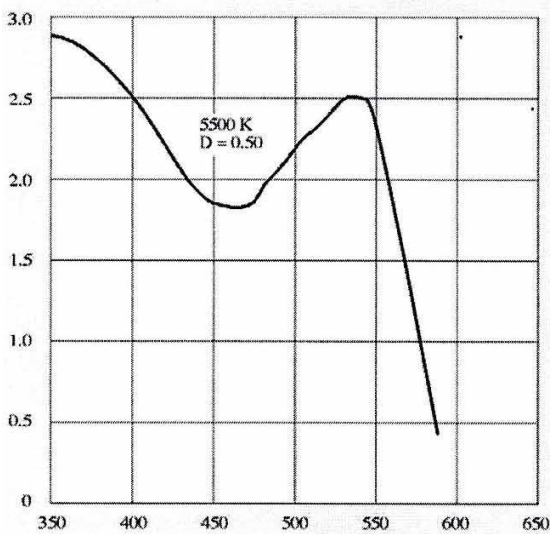
+7 f/stop



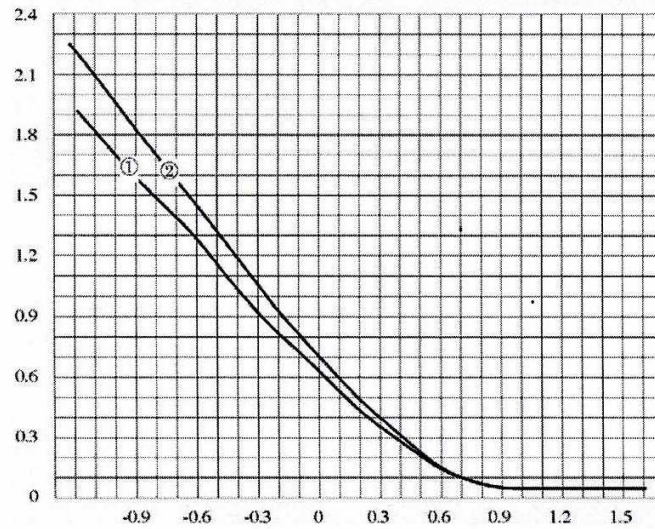
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Characteristic curves:

Spectrale sensitivity
(nm)



Processing:
ROLLEI High Speed RHS 1+7, 20°C
1. 8 minutes
2. 12 minutes



Film storage:

It is recommended, to display the film not into direct sunlight, strong heat, or high humidity.

- un-exposed film: at max. 22°C, and air humidity of 40-60%;
- exposed film: store cool after exposure, and process film as soon as possible;

Development process:

The **ROLLEI SLIDE DIRECT (RSD)** should be processed within complete darkness, processing at Roentgen red light is possible. **For reaching of optimal results, processing in ROLLEI HIGH SPEED (RHS), dilution 1+7, 12-14 minutes at 20°C are recommended.** When using of others, not by ROLLEI examined chemistry, it can come to reduction of sensitivity and reduced blacknesses.

With a film of this kind, the developer/time combinations should be individually prepared. Our recommendations are exclusively just an index.

Manufacturing:

35mm film:	135-36	Article No. RSD1011
Sheet film	4x5" / 50 ea.	Article No. RSD102
	8x10 / 10 ea.	Article No. RSD106
	10x10" / 100 ea.	Article No. RSD110