



Rollei ORTHO25

Extremely high resolving power, suited for general graphic purposes

The ROLLEI ORTHO 25 is a technical, steeply working monochrome photographic film with a nominal sensitivity of ISO 25/15°. The ROLLEI ORTHO 25 is characterized by a high sensitivity reserve of up to two f-stops, depending upon development. The document emulsion offers an extraordinary sharpness extreme fine grain. The ROLLEI ORTHO 25 is suitable very well for technical-scientific applications and as a half-tone film in the pictorial photography. The highly clear transparent PET substrate opens the possibility of application as b&w slide film also.

Technical – scientific application

For reproductions, radiographic reproductions, astro photography, black-and-white and blue slide, for graphic distancing. Particularly for this application we recommend the LP-DOCUFINE HC developer (1+5, 3-5 min.).

Half-tone film in the pictorial photography

With highest requirements in terms of sharpness and extreme fine grain, the ROLLEI ORTHO 25 offers excellent results in combination with the fine grain balance developer ROLLEI HIGH SPEED (LP SUPERGRAIN).

The ROLLEI ORTHO 25 in combination with the ROLLEI LOW SPEED developer, has an legendary call of CONTRAST which b&w developers can compile. The results remind of qualities obtained by the famous Technical Pan film. The comparable steep gradation is bent by this special developer. Extreme fine grain structures and highest sharpness connected with detailed gray tones, can be reached in such a way.

The ORTHO 25 in combination with the ROLLEI LOW CONTRAST developer has compiled itself a legendary call. These results remind of the quality of technical pan-Filme. The comparatively steep gradation is bent by this special developer. Extreme fine graininess and highest sharpness connected with detailed gray tones are reached in such a way.

Properties:

- panchromatic sensitised with low speed ISO 25/15;
- spectral sensitivity 380 – 610nm;
- special coating for an improvement of the transport properties of the cameras;
- suitable for daylight and tungsten;
- polyester base support guarantees the highest level of archive stability (LE 500);
- excellent resolving power of 330 lines/mm
- extreme fine grain and highest sharpness, as a base for negatives with an excellent quality;
- with “non-curling” backside coating to improve flatness;
- especially suited for digital application for scanner;

Film base:

35mm and rollfilm polyester, 100µm, crystal clear; sheet film, 175µm, crystal clear

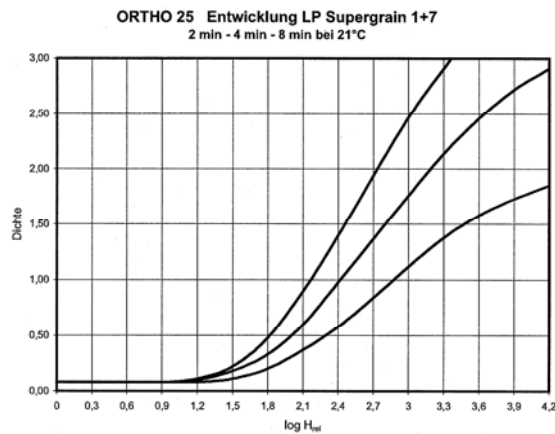
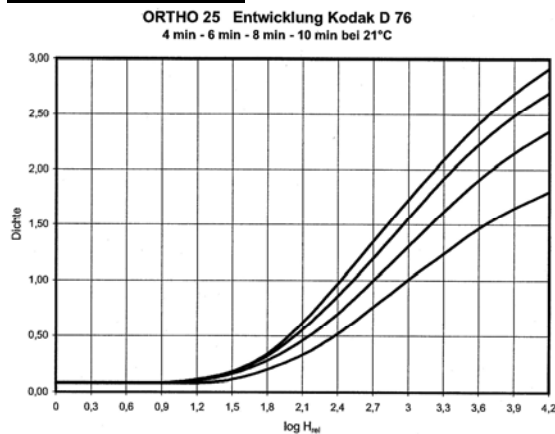
Layer

- emulsion side: emulsion coating orthochromatic sensitized, antihalation coating
- back: NC “non-curling” coating

Exposure index :

ISO 25/15°

Characteristic diagram:



Storage:

- It is recommend not to leave the film material exposed into direct sunlight, strong heat or relative high humidity.
- unexposed film: Up to 24 months in cold storage by 8° C is recommend
- exposed film: After exposure, please keep film in cold condition, processing as soon as possible is recommend

Processing:

The ROLLEI ORTHO 25 needs strong chemistry, because the silver content of about 9g/m² is very fastidious in relation to processing chemistry.

Highly recommended are the following developers:

The development time chart can be found in the internet under www.rollei.com.

Application

- Pictorial use
- for high contrasts
- Standard processing

Developer

- ROLLEI RLC LOW CONTRAST
- ROLLEI RHC HIGH CONTRAST
- ROLLEI RHS HIGH SPEED

Packing:

35mm	135 – 36	prof. Pack of 10	Art.No.: RF1011P
	35mm – 10,0m		Art.No.: RF1010
	35mm – 50,0m		Art.No.: RF1050
Rollfilm	120 TRIPLEX	prof. Pack of 12	Art.No.: RF1001P
Sheet film	4 x 5 inch	100 sheets	Art.No.: RF102
	8 x 10 inch	10 sheets	Art.No.: RF106
ROLLEI photo chemistry	LOW CONTRAST	1 + 4	Art.No.: RLC11
	HIGH CONTRAST	1 + 4	Art.No.: RHC11
	HIGH SPEED	1 + 7	Art.No.: RHS11
	SHORT STOP	1 + 16	Art.No.: RSS11
	FIXING BATH	1 + 7 – 1 + 9	Art.No.: RFX11
	WETTING AGENT	1 + 1.000	Art.No.: RWA12