

**Rollei**



**Rollei RETRO 100**

**Rollei RETRO 400**

Fast, fine grain, ideal for general purpose and fine art photography

The **ROLLEI RETRO 100** is a panchromatic sensitised Black & White film with a medium speed of ISO 100/21°. The film can be applied for any general purpose and is suitable for almost every professional tasks. Owing fine grainness, the exposure range of practically one f-stop over- and underexposure capacity, photo prints can be achieved, with an excellent sharpness and contrast, as well as high edge sharpness.

The **ROLLEI RETRO 400** is a panchromatic sensitised Black & White film material with a high speed of ISO 400/27°. The film is enormously efficient and reliable, also within bad lighting conditions. A further vital point: Actually designed for high sensitivity, the film can be pushed also up to ISO 800/30° with special processing.

Best contrasts in reference to finest grain and special tonal range can be reached by over-exposing the film material by approximately one f-stop, by processing the film in ROLLEI LOW SPEED developer (at ISO 50 with the RETRO 100 and/or ISO 200 with the RETRO 400).

**Properties:**

- panchromatic medium and high speed b&w films;
- special coating for an improvement of the transport properties of the cameras;
- suitable for daylight and tungsten;
- spectral sensitization 380 – 630nm;

**Film base:** 35mm = 120µm, rollfilm = 95µm, cellulose triacetate

**Layer**

- emulsion side: emulsion coating, antihalation coating, protective layer
- back: Backing layer (only roll films)

**Layer thickness:** RETRO 100 – 7µm

RETRO 400 – 10µm

**Resolving power:** RETRO 100 – 150 lines/mm

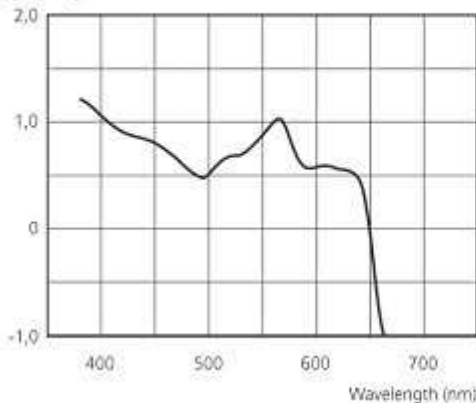
RETRO 400 – 110 lines/mm

**Exposure index :** ISO 100/21° and ISO 400/27°

**Charakteristische Kurven**

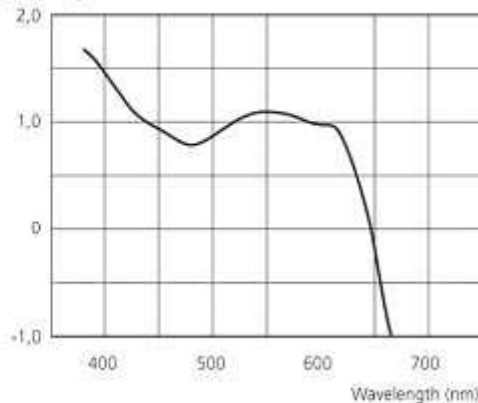
Spektrale Empfindlichkeit:  
Retro 100

Ig Sensitivity



Spektrale Empfindlichkeit:  
Retro 400

Ig Sensitivity



**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 RETRO 100 and 400 must be processed in complete darkness. It can be developed successfully in all standard. developers such as AGFA, ILFORD, KODAK, LABOR PARTNER or TETENAL. To achieve optimal results, a test development is recommended in order to obtain the correct development times and temperatures. By using other developers - not tested by MACO - decreases of quality can be expected showing rough grain structures and low sensitivity.

**Highly recommended are the following developers:**

**Application**

- Pictorial use, standard
- Pictorial use, extremely fine grain unsurpassed tonal range

**Developer**

- ROLLEI RHS HIGH SPEED
- ROLLEI RLS LOW SPEED

The development time chart can be found in the internet under [www.rolleifilm.com](http://www.rolleifilm.com).

**Packing:**

35mm	135 - 36	prof. pack of 10	Artikel No.: RR1011P/40111P
	35mm – 30,5m		Artikel No.: RR1030/4030
Rollfilm	120 TRIPLEX	prof. Pack of 12	Artikel No.: RR1001P/4001P
ROLLEI photo chemistry	LOW SPEED	1 + 4	Artikel No.: RLS11
	HIGH SPEED	1 + 7	Artikel No.: RHS11
	HIGH CONTRAST	1 + 4	Artikel No.: RHC11
	SHORT STOP	1 + 16	Artikel No.: RSS11
	FIXIERER	1 + 7 – 1 + 9	Artikel No.: RFX11
	WETTING AGENT	1 + 1.000	Artikel No.: RWA12

Titel picture / Copyright by: Jens Kollmorgen, Germany