

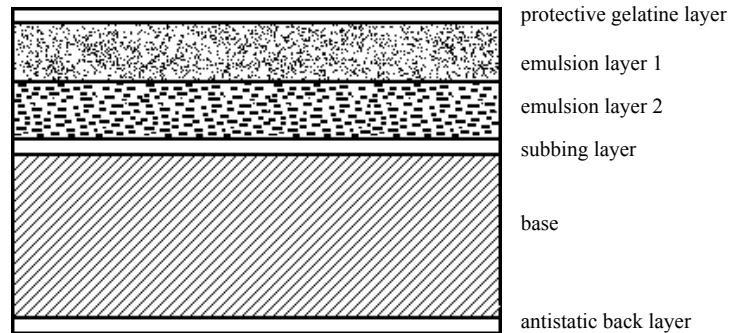
TECHNICAL INFORMATION

ORWO Negative Film N 74

Product description: ORWO Negative Film N 74 is a high speed black-and-white panchromatic camera film for both outdoor and indoor usage. Its wide exposure latitude makes it especially suitable for use under low light illumination and difficult light conditions. Applications include documentary films, news coverage, underwater and industrial cinematography. Use of N 74 is also recommended under normal light conditions when greater depth of field is needed.

Base: Safety base, acetate, grey coloured, 135 µm

Structure of layers:



Availability of standard assortment:

width	length	perforation	
35 mm	305 m	N-4740 (BH 1866)	K-Code
35 mm	122 m	N-4740 (BH 1866)	K-Code
16 mm	122 m	0-2 RB-7605 (1RB 2994)	K-Code

further possibilities according to request

Storage:

Raw Stock: up to 12 month: 18°C or lower
 more than 12 month: 13°C or lower
 recommended relative humidity: 50 to 70 %

Exposed film: process as soon as possible

Processed film: store at ≤ 21°C or lower with 40 to 60 % relative humidity for normal periods
 long term storage: according to the standards ISO 5466, SMPTE RP131 and ANSI IT9.11



Substances such as sulphur dioxide and hydrogen sulphide, formaldehyde vapours, radioactive radiation, and X-rays have a negative influence on films.

Warranty: 24 months provided the storage conditions specified above have always been observed.

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Exposure index: ISO 400 / 27°

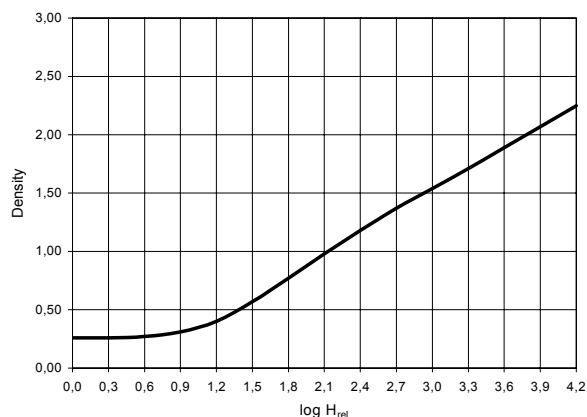
The speed value refers to a developed N 74 average gradient of 0.65. The exact exposure index depends on the prevailing shooting and processing conditions. Special feature of light meters, shooting conditions, planned artistic effects and deliberate processing changes are to be taken into account in setting the lens aperture. Rehearsal screen tests are recommended

Processing: According to ORWO instruction 1182 (D96) to a recommended average gradient of 0,65.

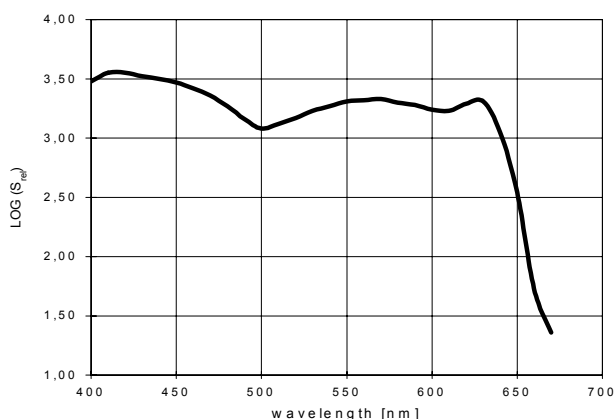
RMS-Granularity: An average value of ≤ 16 (read at a net visual diffuse density of 1,0 above the minimum density using a 48 μm aperture)

Factor of modulation transfer function m_{30} : ≥ 80

Characteristic curve N 74: Processing ORWO instruction 1182



Relative spectral sensitivity of N 74: Equal-energy spectrum



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Darkroom lighting: N 74 should be processed in total darkness.