

TECHNICAL INFORMATION

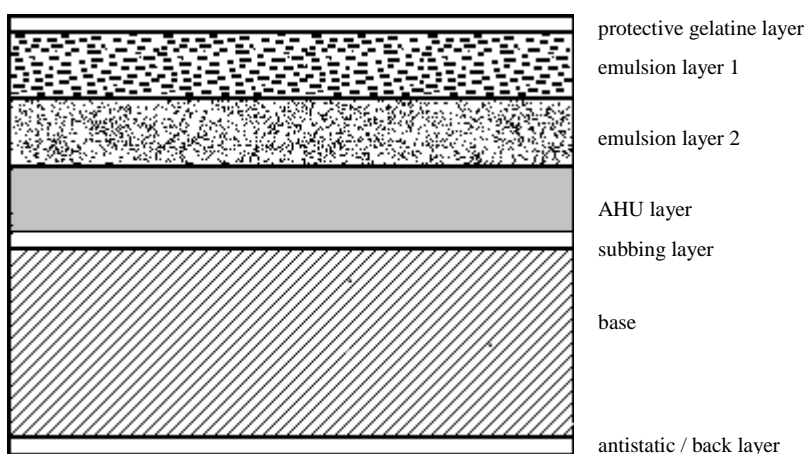
ORWO Negative Film N 75

Product description: ORWO Negative Film N 75 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 75 is also recommended under normal light conditions when greater depth of field is needed.

The N 75 is a marked advance over its predecessor, thanks to improved slippage, extremely low shedding and excellent antistatic qualities.

Base: Safety base, triacetate, grey coloured, 125 µm

Structure of layers:



Availability of standard assortment:

width	length		perforation	signing
35 mm	305 m	on core	N-4740 (BH 1866)	foot number
35 mm	122 m	on core	N-4740 (BH 1866)	foot number
35 mm	30,5 m	on core	N-4740 (BH 1866)	foot number
16 mm	122 m	on core	0-2 RB-7605 (1RB 2994)	without
16 mm	30,5 m	on core	0-2 RB-7605 (1RB 2994)	without
16 mm	30,5 m	day light spool	0-2 RB-7605 (1RB 2994)	without

further possibilities according to request



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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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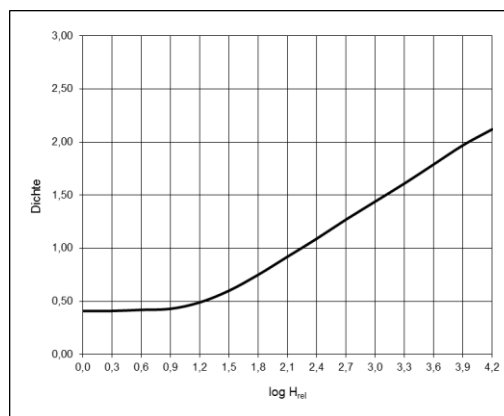
Exposure index: ISO 320 / 26°

The speed value refers to a developed N 75 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

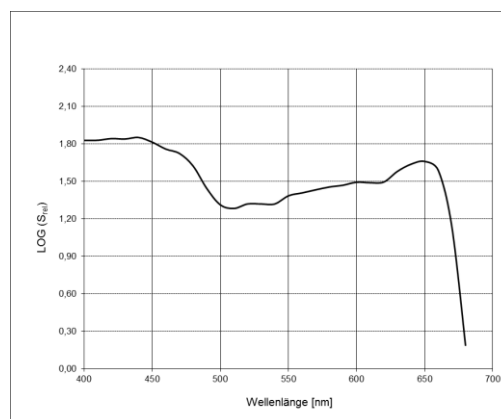
Processing: According to ORWO instruction 1182 (D96) to a recommended average gradient of 0.65.

RMS-Granularity: ≤ 16 (read at a net visual diffuse density of 1.0 above the minimum density using a 48 µm aperture)

Characteristic curve N 75: Processing ORWO instruction 1182



Relative spectral sensitivity of N 75: Equal-energy spectrum



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Darkroom lighting: N 75 should be processed in total darkness.