

# TECHNICAL INFORMATION

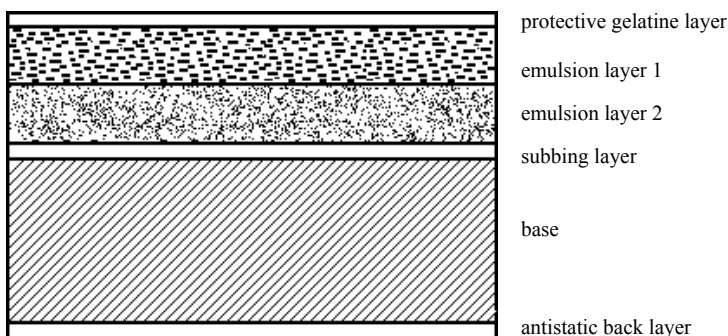
## ORWO Negative Film N 74 plus

**Product description:** ORWO Negative Film N 74 plus 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 plus is also recommended under normal light conditions when greater depth of field is needed.

The N 74 plus is a marked advance over its predecessor, thanks to improved slippage, extremely low shedding and excellent antistatic qualities.

**Base:** Safety base, triacetate, grey coloured, 135 µm

### Structure of layers:



### Availability of standard assortment:

width	length	perforation	K-Code
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



FILMOTEC GmbH  
Ortsteil Wolfen  
ChemiePark Bitterfeld Wolfen  
Areal A, Röntgenstraße Geb. 415  
06766 Bitterfeld-Wolfen  
Tel.: +49 (0) - 3494 - 36 96 80  
Fax: +49 (0) - 3494 - 36 96 82  
[filmotec@filmotec.de](mailto:filmotec@filmotec.de)  
[www.filmotec.de](http://www.filmotec.de)

### Storage:

<i>Raw Stock:</i>	up to 12 month:	18°C or lower
	more than 12 month:	13°C or lower
	recommended relative humidity:	50 to 70 %
<i>Exposed film:</i>	process as soon as possible	
<i>Processed film:</i>	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.

# TECHNICAL INFORMATION

## ORWO Negative Film N 74 plus

**Exposure index:** ISO 400 / 27°

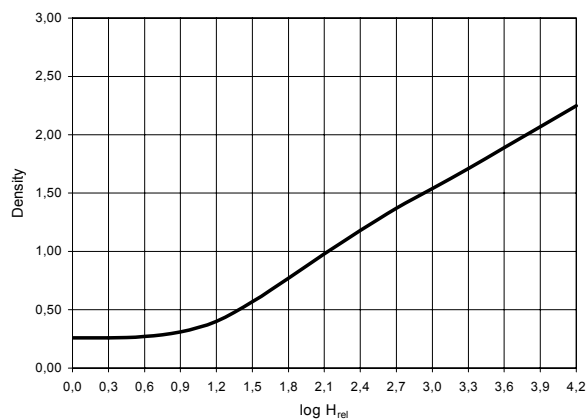
The speed value refers to a developed N 74 plus average gradient of 0.65. The exact exposure index depends on the prevailing shooting and processing conditions. Special feature of light meters, shooting conditions, planned artistic effects and deliberate processing changes are to be taken into account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

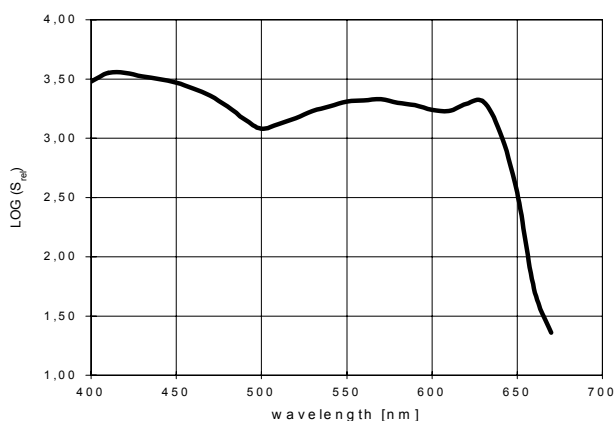
**RMS-Granularity:**  $\leq 16$  ( read at a net visual diffuse density of 1,0 above the minimum density using a 48  $\mu$ m aperture)

**Modulation transfer factor  $m_{30}$ :**  $\geq 0,80$

**Characteristic curve N 74 plus:** Processing ORWO instruction 1182



**Relative spectral sensitivity of N 74 plus:** Equal-energy spectrum



FILMOTEC GmbH  
Ortsteil Wolfen  
ChemiePark Bitterfeld Wolfen  
Areal A, Röntgenstraße Geb. 415  
06766 Bitterfeld-Wolfen  
Tel.: +49 (0) - 3494 - 36 96 80  
Fax: +49 (0) - 3494 - 36 96 82  
[filmotec@filmotec.de](mailto:filmotec@filmotec.de)  
[www.filmotec.de](http://www.filmotec.de)

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