FOMALUX 111

BLACK-AND-WHITE CONTACT PRINTING PHOTOGRAPHIC PAPER

In general

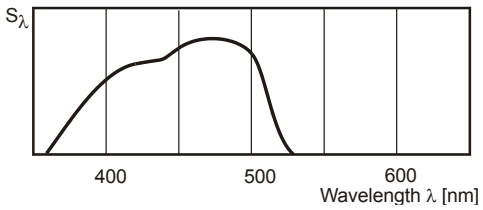
FOMALUX 111 is a black-and-white photographic paper on a baryta paper base (FB), designed especially for use in portrait photography and similar applications. FOMALUX 111 SP is characterized by a rich halftone scale, soft reproduction of lights and saturated blacks. Regarding a low speed of the silver chloride emulsion used, the paper is designed primarily for contact work, it can be, however, used as an enlargement paper as well. In this case the exposure should be extended approx. 30 times in comparison with Fomabrom-type papers.

FOMALUX 111 is produced in one contrast grade: special (Sp) in one surface: glossy (111).

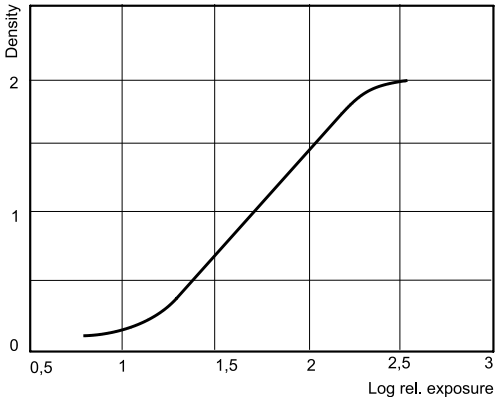
Packaging

FOMALUX 111 is available in are subject of an agreement with the manufacturer.

Relative spectral sensitivity



Sensitometric curve



Technical data

Contrast grade	*ISO Range R*	*ISO Speed P*	D_{max}
Special	90	12	2

Safelighting

Fomalux 111 is routinely processed at indirect safety illumination with wavelenght of 575 nm and higher corresponding colour of safety illumination is yellow, yellow-green, amber or orange colours are recommended. Due to its very low high sensitivity (ISO P) can be processed material exposed to this light for an extended period of time or distance from shorter than the other photo papers fixed gradation (FG) Foma. Direct light has to be diffused by inserting matt glass.

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Processing

FOMALUX 111 can be processed both manually in trays and automatically in developing machines. The resulting image tone is influenced by developers used.

For common work and a neutral image tone, Fomatol LQN or Fomatol P developers are recommended. Using a special Fomatol PW developer, brown-green image tones can be obtained. From developers of foreign manufacturers, developers such as Kodak Polymax or Dektol, Tetenal Variospeed, Ilford PQ Universal, etc. are recommended. For fixing, a common acid fixer (e.g. pulber-based Fomafix P or Fomafix rapid fixer should be used.

Manual processing in trays

Processing step	*Processing bath*	*Time*	*Temperature (°C)*
Development	Fomatol P	90-120 sec.	20
Stopping	2 % acetic acid	20-30 sec.	20
	or Fomacitro (1+19)	20-30 sec.	20
Fixing	Fomafix (1 + 5)	2,5 min.	20
	Fomafix P / Acid Fixer	4 min.	20
Washing	running water	30 min.	above 12
		45 min.	below 12

Drying: FOMALUX 111 is recommended for being dried freely laid at room temperature, eventually by hot air in maximum of 85°C and subsequently pressed or dried stretch at maximal temperature of 35° C.

Toning

FOMALUX 111 can be toned using e.g. the Fomatone Sepia two-bath toner by which a yellow-brown image tone can be obtained. In this case the temperature of the toning bath is not as relevant as with Fomabrom-type photopapers. The prints should be mildly overexposed for toning.

A blue tone can be obtained using the Fomatoner Indigo Set. The resulting image tone depends on dilution, temperature and toning time.

Storage

FOMALUX 111 should be stored in an intact original packaging in a dry, cold place (temperatures of up to 5–25 °C and relative humidities ranging 40–60 %), out of reach of harmful vapours, gases and ionizing radiation.

The product has been produced and marketed in conformity with a quality system according to the international standard EN ISO 9001.

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