FOMAGRAPHIC

BLACK-AND-WHITE DOCUMENT PHOTOGRAPHIC PAPER

In general

FOMAGRAPHIC is a black-and-white document photographic paper with a silver chlorobromide emulsion coated on an RC paper base. The paper is designed for making enlargements from negatives or micronegatives of text and picture originals (documents, magazines, prospectuses, books, pen-and-ink drawings, etc.). FOMAGRAPHIC features high contrast, high maximum density and a shining white of paper base. Its high speed makes possible the usage of high lens diaphragms numbers even when making large-size enlargements. Developing agents incorporated into the emulsion layer facilitate rapid machine processing and a shortening of development times in manual processing to 60 – 90 seconds at 20 °C.

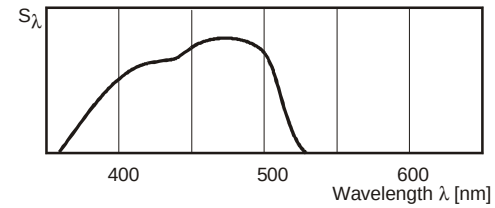
FOMAGRAPHIC is manufactured on a resin-coated paper base (110 g/sq. m) in the contrast grade hard.

The emulsion layer is equipped with a matt supercoat which makes descriptions possible and prevents mechanical damage, the backing has anti-static properties.

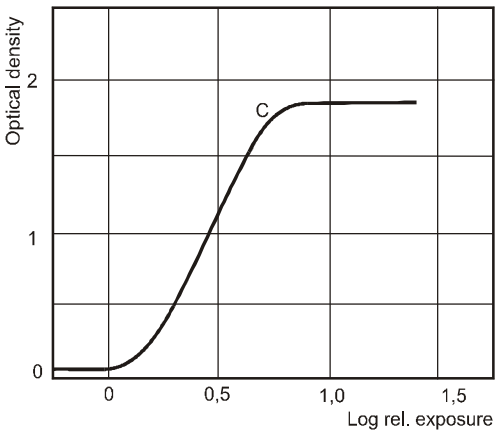
Packaging

FOMAGRAPHIC is usually manufactured and supplied in A4 size (210 x 297 mm). Other sizes are subject of an agreement with the manufacturer.

Relative spectral sensitivity



Sensitometric curve



Safelighting

FOMAGRAPHIC should be handled and processed under yellow-brown, red or orange safelighting with filters (e.g. Ilford 902, Osram Duka 50, Durst Sanat, Kodak OC, Agfa G7, Agfa Y7J, etc.) in combination with a 15 watt lamp. Direct light must be diffused by inserting a matt glass. Because of its high speed, FOMAGRAPHIC should not be exposed to this safelighting for longer than 3 minutes and 10 minutes at a distance of 0,5 meter and 1 meter respectively.

Processing

FOMAGRAPHIC can be processed manually in trays in common developers. Regarding a thin paper base, it is not advisable to process FOMAGRAPHIC in common developing machines. The resulting image tone is influenced by developers used.

For 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, Agfa Neutol Liquid etc. are recommended. For fixing, a common acid fixer (e.g. pulver-based Fomafix P) or Fomafix rapid fixer should be used.

Manual processing in trays

Processing step	*Processing bath*	*Time*	*Temperature (°C)*
Development	Fomatol LQN (1+7)	60–90 sec.	20
Stopping	2 % acetic acid	10 sec.	20
	or Fomacitro (1+19)	10–20 sec.	20
Fixing	Fomafix (1 + 5)	90 sec.	20
	Fomafix P	3 min..	20
Washing	running water	2 min.	above 12
		4 min.	below 12

Drying: FOMAGRAPHIC should be not glazed only dried - either left to dry naturally at room temperature or dried using warm air at temperatures up to a maximum of 85 °C. Glazing - as with other RC photographic papers – is not possible.

Development time – temperature curves (manual processing)

Temperature (°C)	*Time* (seconds)
20	60–90
25	40–60
30	25–40
35	15–25

Storage

FOMAGRAPHIC should be stored in an intact original packaging in a dry, cold place (temperatures of up to 5–21 °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 9001:2000.

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