

ILFORD ILFOCHROME® CLASSIC

DELUXE MEDIA FOR DIGITAL AND ANALOG COLOR PRINTING

FEATURES

ILFORD ILFOCHROME CLASSIC DeLuxe media are specially designed for optimum performance in analog exposure and digital laser enlargement devices. These materials are coated on a white opaque polyester base and are back-coated with a matt gelatin layer to ensure flatness. The medium contrast material is suitable for automatic printing applications.

ILFOCHROME CLASSIC DeLuxe media feature excellent dye stability, suitable for all commercial applications where photographic output is used. The high color saturation, deep blacks and brilliant whites provide for excellent color and tone reproduction and optimum gradation from the brightest highlights to the deepest shadows, meeting all commercial requirements.

PRODUCT RANGE

ILFOCHROME CLASSIC DeLuxe media are available in selected roll and sheet sizes.

	DIGITAL & ANALOG PRINTING	ANALOG PRINTING ONLY
NORMAL CONTRAST	CPS.1K	
MEDIUM CONTRAST		CLM.1K

SAFELIGHT

ILFOCHROME CLASSIC DeLuxe media should be handled in total darkness, which includes avoiding miscellaneous sources such as stray light from enlarging heads and LEDs.

STORAGE OF UNEXPOSED MATERIAL

ILFOCHROME CLASSIC DeLuxe media should be stored in a cool, dry place, below +10°C (+50°F) and 65% RH (e.g. in a refrigerator) as high temperatures and humidity can damage color materials. To avoid surface condensation the unexposed media must be left to reach room temperature before being used, but should not be heated to accelerate this process. The ideal method is to leave the unopened packs to adapt to room temperature overnight.

SENSITOMETRY

	CPS.1K	CLM.1K
• Copy range	1.8 logE	2.05 logE
• Density range ("visual density")	2.0 Dvis	2.05 Dvis
• Contrast (mid-tone)	1.40	1.15
• Resolution (1000:1 / Contrast)	60 Lp /mm	60 Lp /mm

LATENT IMAGE STABILITY

ILFOCHROME CLASSIC DeLuxe media have excellent latent image stability. No noticeable color shift will occur, even if the media is not processed immediately after exposure.

DIGITAL EXPOSURE ILFOCHROME CLASSIC DeLuxe media can be exposed with all existing large format photographic laser printers. The exposure compensation factors for the OCE LIGHTJET and DURST LAMBDA printers are given below. These are starting values; check with your local ILFORD technical support for the latest factors.

OCE LIGHTJET Calibration files can be downloaded from:
www.cymbolic.com/ftp.html

DURST LAMBDA	Y ellow	M agenta	C yan	D ensity	R ed (target Dmin)	G reen	B lue
CPS.1K	0.0	5.2	12.6	85.8	0.13	0.13	0.13

ANALOG EXPOSURE ILFOCHROME CLASSIC DeLuxe media can be exposed with all enlargers and printers, provided they are equipped with a halogen light source or an opal bulb. The exposure equipment should include a UV-filter (Kodak Wratten No. 2B or 2C) and a heat protection filter.

PROCESSING The media should be processed in standard P3X or P30 process. Soft water should be used in the first wash cascade.

Standard Replenishment Rates

PROCESS P3X	
DEVELOPER REPLENISHER	DER 3X 300ml/m ²
BLEACH REPLENISHER	BLR 3X 200ml/m ²
FIXER REPLENISHER	FXR 3X 300ml/m ²

LIGHT STABILITY

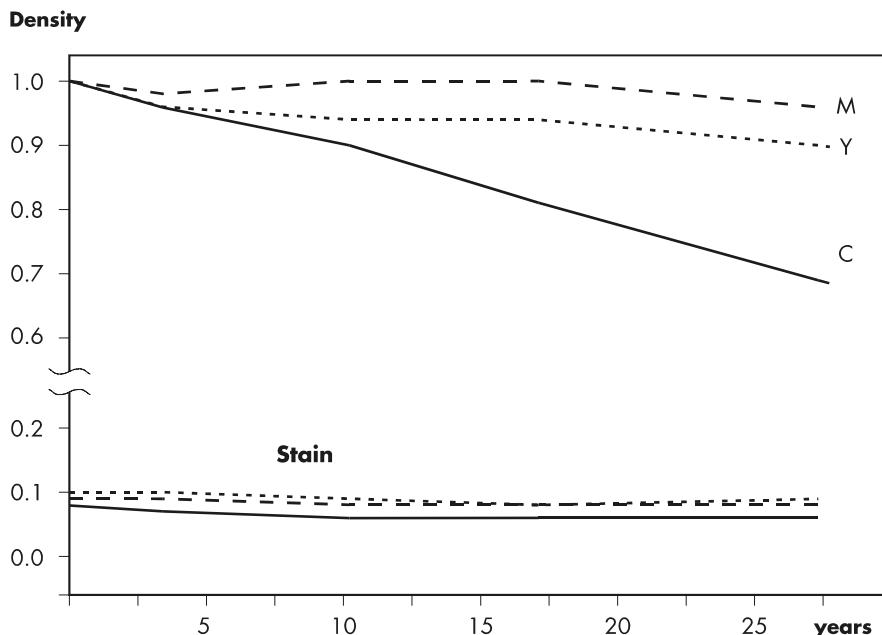
The graphs on this page are based on data from independent tests performed at the Image Permanence Institute at Rochester Institute of Technology

FADING • UNPROTECTED MEDIA

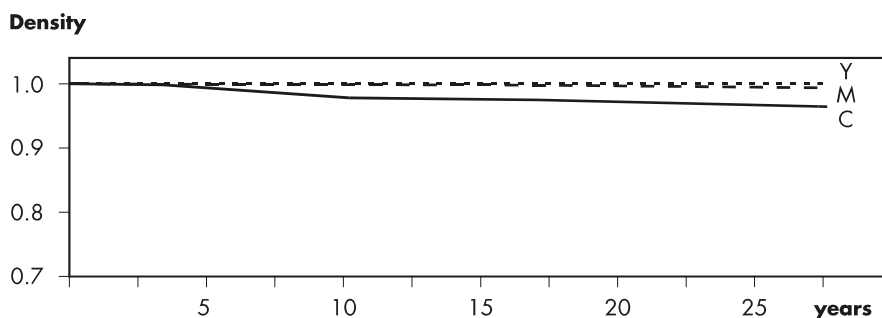
Average light exposure
450 Lux, 12 hours/day

Test conditions
25–35°C, 40–60% RH

Fading criteria
For illustrative purposes, unacceptable fading is defined by ILFORD according to American National Standards recommendations as an equal density loss of all three colors (yellow, magenta, cyan) of 30% measured from an original density of 1.0. However, the deviation will vary depending on scene content, and the conditions under which the printed image is viewed. This definition should be taken into account when comparing similar products from other manufacturers.



FADING • PROTECTED MEDIA



Melinex®

Only by DuPont Teijin Films

ILFOCHROME CLASSIC DeLuxe media are coated on Melinex® polyester opaque film by DuPont Teijin Films.

NOTES

The curves and data given in this publication represent products tested under definite conditions. They do not represent standards or specifications. They can vary when using different processes or conditions.

ILFORD reserves the right to modify product characteristics at any time.

Wratten is a trademark of Eastman Kodak.

ILFOCHROME is a trademark of ILFORD Imaging.