

ILFORD ILFOCHROME® CLASSIC

TRANSLUCENT AND CLEAR POLYESTER FILMS FOR DIGITAL AND ANALOG COLOR PRINTING

FEATURES ILFORD ILFOCHROME CLASSIC films are specially designed for optimum performance in both analog exposure and digital laser enlargement devices. CT.F7 features a translucent white-pigmented layer which makes it suitable for use on light boxes without diffusers.

ILFOCHROME CLASSIC films feature excellent dye stability, suitable for all commercial applications where photographic quality is needed. 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 films are available in selected roll and sheet sizes.

FOR DIGITAL AND ANALOG PRINTING

TRANSLUCENT FILM CT.F7

CLEAR FILM CC.F7

SAFELIGHT ILFOCHROME CLASSIC films 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 films 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 films. To avoid surface condensation the unexposed film 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

- Copy range 2.2 log E
- Density range 2.4 Dvis ("visual density")
- Contrast (mid-tone) 1.3
- Resolution (1000:1 / Contrast) 100 Lp /mm

LATENT IMAGE STABILITY ILFOCHROME CLASSIC films have excellent latent image stability. No noticeable color shift will occur, even if the film is not processed immediately after exposure.

DIGITAL EXPOSURE ILFOCHROME CLASSIC films 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	Yellow	Magenta	Cyan	Density	Red (target Dmin)	Green	Blue
CT.F7	40.7	0.0	55.2	25.9	38	46	46
CC.F7	53.1	0.0	33.0	29.4	10	10	10

ANALOG EXPOSURE ILFOCHROME CLASSIC films 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. The use of a black surface behind the film during exposure is recommended to prevent reflection from the easel.

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

Standard Replenishment Rates

PROCESS P3X	
DEVELOPER REPLENISHER	DER 3X 350 ml/m ²
BLEACH REPLENISHER	BLR 3X 240 ml/m ²
BLEACH ADDITIVE	BAT 3X 30 ml/m ²
FIXER REPLENISHER	FXR 3X 450 ml/m ²

LIGHT STABILITY

The graph is based on data from independent tests performed at the Image Permanence Institute at Rochester Institute of Technology

FADING • UNPROTECTED MEDIA

Average light exposure

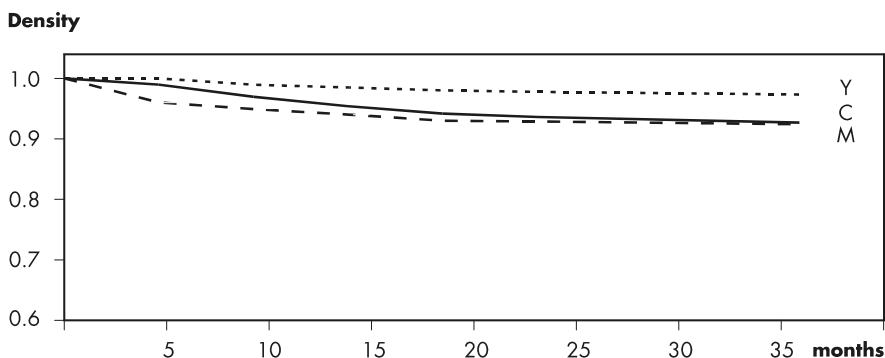
5000 Lux, 12 hours/day

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.



Melinex®

Only by DuPont Teijin Films

ILFOCHROME CLASSIC films are coated on Melinex® polyester 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.