



Imagelink HD Microfilm offers high resolving power and extremely fine grain. It is ideal for filming a wide range of originals, from technical drawings to business records and historical documents.

Processing

Imagelink HD Microfilm is suitable for high-speed processing at high temperatures in "deep tank" microfilm processors and tabletop processors such as the Imagelink Archive Processor.

Spectral Sensitivity

Imagelink HD microfilm features a panchromatic emulsion. The absolute spectral sensitivity is equal to $1/H$, with H representing the radiation energy per wavelength in mJ/m^2 necessary to obtain a density of $D 1.10$ above fog.

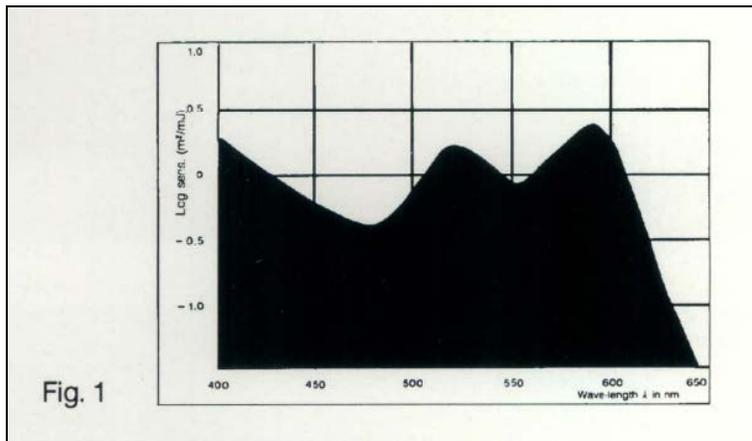


Fig. 1

Average Sensitivity Index: 80 ASA (20 DIN)*

After measuring the incident light using an exposure meter, which is set to the given ASA/DIN value, you can adjust exposure in relation to the time/diaphragm setting of the camera. The values given are only an indication and are not related to the sensitivity index in pictorial photography.

*This value was obtained using the formula $45/H$, with H representing the exposure dose needed to obtain a density of $D1.2$ above fog.

In planatary cameras:

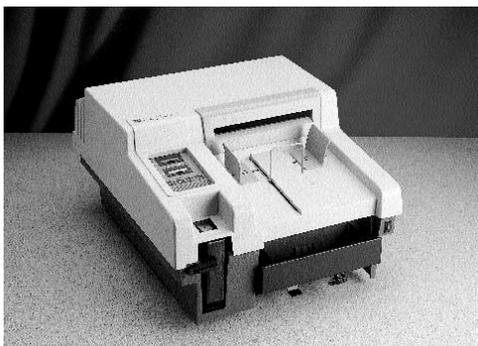
- Provides sharp, greatly reduced images of diverse materials, such as technical drawings, business documents, newspapers, books and halftones.

In rotary cameras with high reduction ratios (40:1 or more):

- Captures images of a wide variety of source documents, including checks, office correspondence, administrative records and legal papers.

In step-and-repeat cameras:

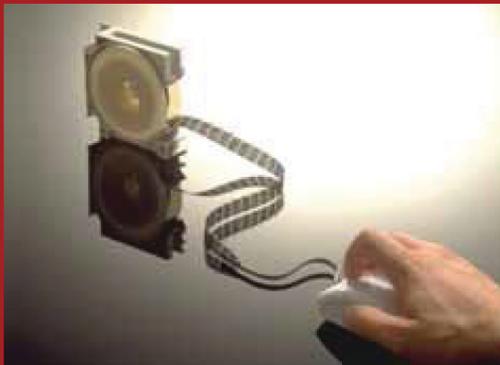
- Provides excellent results for micropublishing items on microfiche, including catalogs and price lists.



Physical Properties

- Film type: Silver Halide
- Base: Polyester

Type	Base Thickness	Film Thickness before Processing
Pet 6	0.062 mm	0.067 mm
Pet 10	0.100 mm	0.105 mm
Pet 13	0.130 mm	0.135 mm



Reciprocity

Basic setting: 1/100 to 1/10 s, no correction

- At 1 s: + 1/2 stop
- At 1/1000 s: + 1/2 stop

Resolution

800 lines/mm at contrast ratio 1000:1

RMS Granularity

Density of D 1.0	Spot diameter of 25	$\mu = 14$
Density of D 1.0	Spot diameter of 48	$\mu = 6$

According to the Root Mean Square (RMS), the standard deviation T (sigma) of the changes in density is μ given as a measure for granularity.

Changes in density were obtained by measuring a gray surface with a certain density by means of a measuring spot diameter of 25 μ and 48.

Modulation transfer

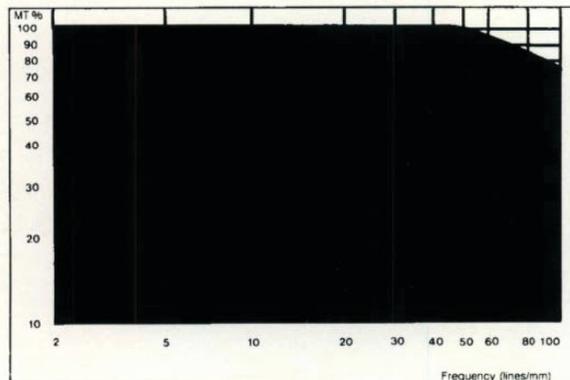
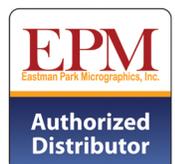


Fig. 4

To learn more:

The Crowley Company is an authorized reseller of IMAGELINK microfilm. For additional details and pricing, call (240) 215-0224 or email parts@thecrowleycompany.com





Density curves

Density curves show the changes in density when developing time (Fig. 2) or developing temperature (Fig. 3) is varied.

On the vertical axis, density is shown in steps of D0.10. The curves in both figures clearly show which temperature or time adjustment is needed to obtain the required alteration in density.

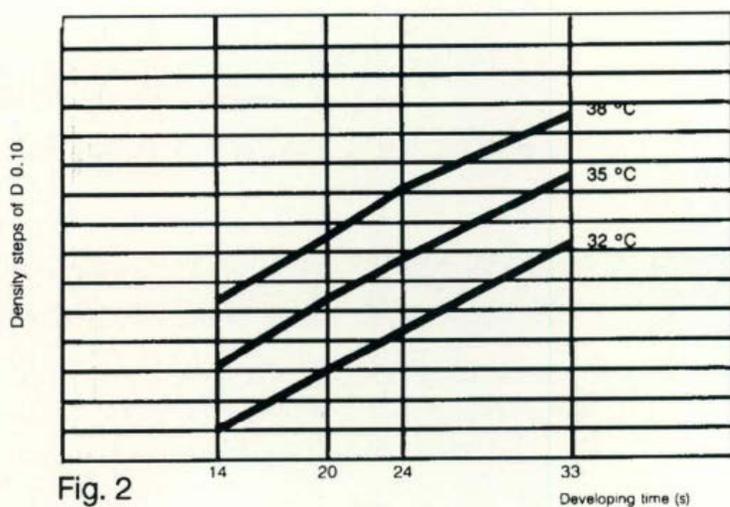


Fig. 2

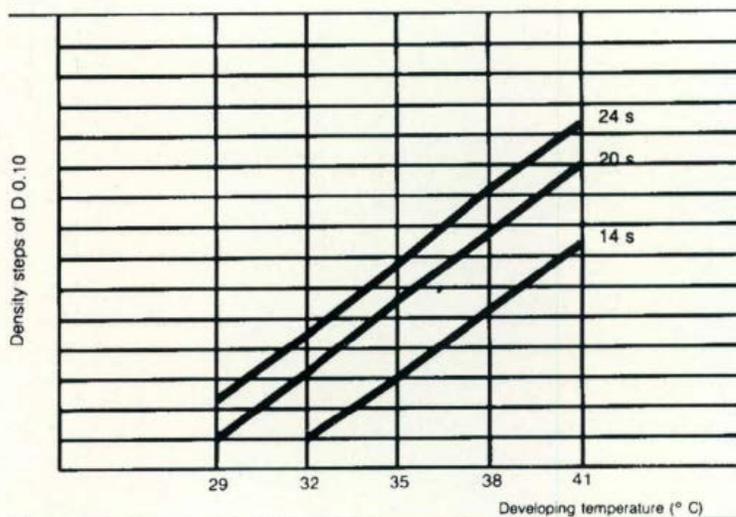


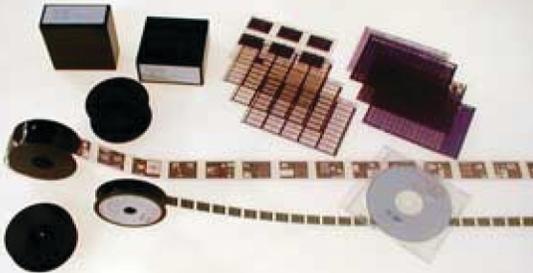
Fig.3

Permanent anti-static back layer

- Prevents electrostatic charges from accumulating before filming, during filming and duplication, and when viewing in readers or scanning devices.
- Provides dust-free film by immediately isolating electrostatic charges.
- Produces high quality masters and duplicates.
- Enhances legibility in the reader.

Anti-Halation Undercoating (AHU)

- Ensures optimal image quality.
- Adds anti-halation layer between the emulsion and the base that dissolves during film processing.



Our History

Eastman Park Micrographics (EPM) formed in 2011 after the Dallas-based Kofile Inc. purchased Kodak's micrographic business.. EPM is headquartered in Dallas, Texas, with distribution and manufacturing are located in the Rochester, New York.

We bring extensive experience in all aspects of document imaging to provide unique expertise in micrographics products and solutions.

Our Mission

- To continue to be the leading supplier of Kodak microfilm products worldwide
- To expand our portfolio of Reference Archive Solutions
- To provide outstanding customer service for equipment maintenance via a worldwide agreement with Kodak Service

Unexposed film storage

Unexposed film can be kept for the length of time indicated on the packaging, provided the film is stored under normal conditions: below 22°C (72°F) with a relative humidity of 40-60%.

Cassette and camera loading

Handle unprotected film only in complete darkness. Film on camera reels can be loaded in subdued light.

Life expectancy 500

Processed film can be stored indefinitely provided it is processed and stored in accordance with relevant ISO and ANSI standards.

This film meets all criteria for capture of vital records and information intended for permanent records according to ISO 18901:2002 Imaging materials -- Processed silver-gelatin type black-and-white films -- Specifications for stability and stored according to ISO 18911:2010 Imaging materials -- Processed safety photographic films -- Storage practices.

Product Offerings

Type	Width	Length	Core	Catalog No.	Case Quantity
Pet 06	16 mm	66 m (215 ft)	MSP	314NXQC	100
Pet 10	16 mm	40 m (131 ft)	MSP	214NXN5	100
	35 mm	40 m (131 ft)	MSP	214NXO7	50
	35 mm	305 m (1000 ft)	CNP2	214NXPA	10
Pet 13	16 mm	30.5 m (100 ft)	MSP	114NXGS	100
	35 mm	30.5 m (100 ft)	MNP	114NXHU	50
	105 mm	148 m (4x6 in)	CM	114NXM3	10 (250 sheets)
	105 mm	61 m (200 ft)	MP80	114NXL1	8

Pre-exposed wedges

Pet 13	16 mm	30.5 m (100 ft)	MSP	114NX68	1
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