



4mil FINE COATED MATT PAPER

Material Description Applications

ILFORD ILFOJET Fine Coated Matt Paper 4mil (FCMP4), is designed for general use on wide format ink-jet printers, it provides an economic alternative which is especially suited to CAD type applications and graphic type images.

The light-weight (4 mil) Matt Coated Paper base feeds well on wide format printers. It offers good image quality and colour saturation for large drawings.

Especially when laminated, prints are suitable for a wide variety of applications such as CAD drawings, CAD rendering flow charts, project plans, signage and point of sales displays.

Printer Compatibility

ILFORD ILFOJET Fine Coated Matt Paper 4mil is designed for ENCAD Novajet printers (II, III, IV and Pro), ENCAD Cadjet, Laser Master DisplayMaker PRO, Hewlett Packard DesignJet 650C and 750C, CalComp Tech-Jet printers, Canon BJA1, IJ Technologies New Horizons, Mutoh Accujet Color, Newgen Vista Printing System, OCE 7900 series printers, Selex SR700 Color, Summagraphics Summajet Color and Varitronics Vintage Colour large format printers, using the vendor's inks. If you use other than vendor's inks, we recommend making a test print to verify compatibility.

Ink Absorption

The amount of ink printed per time and area varies between different printers and printer set-ups. ILFORD Fine Coated Matt Paper will absorb even the highest ink loads used in photo-realistic type images, however, these should be avoided to prevent the material cockling (rippling). Use a mode suitable for this material in your printer set-up such as, "plain paper". If colour bleed or severe cockling occurs we recommend that you reduce the ink load on the printer.

Ink absorption and drying are dependent on the type of ink used, the coverage and the environmental conditions. Although ILFORD Fine Coated Matt Paper has good ink absorption it is recommended for use making line drawings, pastel colours on white background, spot colour output e.g. flow charts with text, advertising and for proofs.

Image Quality

On compatible printers, ILFORD Fine Coated Matt Paper media will produce round, equally sized and sharp-edged dots. Non-circular deformations are a result of the printing head, rather than of the media performance.

Homogeneous colour patches will show no artefacts or colour shifts as long as the surface is not mechanically damaged or dirty.

Colour saturation is mainly a function of the dyes used. This paper will give good colour saturation with the specified ink sets.

Colour Calibration

As with all ink-jet papers this product should be calibrated to the printer, when first used, to give the colour reproduction desired.

Handling / Transport

ILFOJET Fine Coated Matt Paper is wound such that the ink-receiving (coated) layer is out on an industry standard core (50.8mm / 2inches). Rolls and sheets are designed for use in medium humidity conditions (15–25°C / 60–77°F at 30–70 % RH). Very dry conditions (less than 30% RH) may hamper transport due to curl.

Avoid touching the ink receiving layer excessively without cotton or plastic gloves and keep the media free of dirt or excessive moisture.

Light stability

The light stability of a print depends on various factors such as the inks and dyes used, the ink-receiving layer design, but most significantly on the environmental conditions under which the print is displayed. Direct sunlight and UV will cause visible image deterioration on unprotected media within a few months. We recommend that images subjected to such conditions be laminated or coated with a UV-protective layer.

Water resistance

ILFOJET Fine Coated Matt Paper shows good resistance to smudges and fingerprints once the print is dry, but direct contact with water, or storage under very high humidity should be avoided. Keep your images in a dry, cool and dark place if long term storage is required.

Mechanical resistance

To protect the image from undue wear, the media should be handled and in a clean environment, or be laminated once adequately dried.

Lamination and mounting

ILFOJET Fine Coated Matt Paper is compatible with hot and cold laminating systems and also hot and cold mounting systems. As with all new products, we suggest that you laminate and/ or mount a test print with your own system(s) before using it on the final printed media.

Shelf Life

The shelf life of ILFOJET Fine Coated Matt Paper is more than 2 years under normal conditions (10–25°C / 50–77°F at a relative humidity of 30–70 %). Higher humidity and/or temperature can affect the product performance.

Ecology

The media and the final prints can be handled and disposed of as other ink-jet papers. For the treatment of inks, please refer to your printer manual.

Note

*Specifications subject to change without notice.
ILFOJET is a trade mark of the ILFORD companies of International Paper.*
