

**Material Description
Applications**

ILFORD ILFOJET STANDARD Glossy Media 7mil (SMGP7), and ILFORD ILFOJET STANDARD Semi-Matt Media 7mil (SMSP7), are designed for high quality output on wide format ink-jet printers, they provide very sharp and vibrant output.

The mid-weight (7mil) Photograde base is mechanically stable, highly kink-resistant, easy to handle and feeds well on wide format printers. Additionally it is stable against size changes that can occur on some papers where ink is added. It offers excellent image quality on both a glossy or a semi-matt surface for large displays.

Especially when laminated, prints are suitable for a wide variety of photographic applications such as point of sales displays, exhibitions, CAD rendering and signage.

Printer Compatibility

ILFOJET STANDARD Glossy (SMGP7) and Semi-Matt (SMSP7) Media are designed for ENCAD Novajet printers (II, III, IV and Pro) and Laser Master DisplayMaker PRO 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. ILFOJET STANDARD media has excellent ink absorption capacity even for high ink loads on the printers tested. For the best results use the highest quality mode available, e.g. "glossy coated paper" mode, in your printer set-up.

Ink absorption and drying are dependent on the type of ink used, the coverage and the environmental conditions. Although ILFOJET STANDARD media has excellent absorption characteristics, colour lay-down specifications should not exceed, for example, 280 % coverage for the ENCAD Novajet, for reasonable drying times to be realised; this value may vary depending on environmental conditions. If colour bleed occurs we recommend that you slightly reduce the ink load on the printer in full colour densities.

Image Quality

On compatible printers, ILFOJET STANDARD 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.

The base whiteness of ILFOJET STANDARD media is matched in brightness and colour to the white of a normal paper. It is brighter than the whites obtained on normal photographic colour papers.

Colour saturation is mainly a function of the dyes used. This paper will give the full colour saturation possible 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 STANDARD media is wound such that the ink-receiving (coated) layer is out, on an industry standard core (50.8 mm / 2 inches). For the GLOSSY media the coated side has a higher gloss than the reverse side. For the Semi-Matt media the coated side also has a higher gloss than the uncoated side. Unlike some media the Semi-Matt media is a true photographic matt in that the degree of matting comes from the underlying support and not from beads or particles placed on the surface of the media, which is an advantage for lamination. Rolls 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 except with 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 STANDARD media shows high 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 both the glossy and semi-matt surfaces against scratches or damage and to minimise potential problems it is recommended that the media should be handled and used in a clean environment, or be laminated once adequately dried.

Lamination and mounting

ILFOJET STANDARD media is compatible with hot and cold laminating materials 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. As mentioned above the Semi-Matt film is a photographic type matt and thus the matting will not interfere with lamination giving the impression of haze or particles under the laminate.

Shelf Life

The shelf life of ILFOJET STANDARD media 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 photographic colour paper or other similar ink-jet media. For the treatment of inks, please refer to your printer manual.

Note

*Specifications subject to change without notice.
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