



7mil STANDARD MEDIA – CLEAR, TRANSLUCENT, WHITE FILMS

Material Description Applications

ILFORD ILFOJET STANDARD Clear Film 7mil (SMCF7), Translucent Film 7mil (SMTF7) and White Film 7mil (SMWF7), are designed for high quality output on wide format ink-jet printers, they provide very sharp and vibrant output for differing applications.

The mid-weight (7 mil) film bases for all three materials (Clear Film, Translucent Film and White Film) are mechanically stable, highly kink-resistant, easy to handle and feed well on wide format printers. Additionally they are stable against size changes. They offer excellent image quality, on a clear, a translucent and a white surface respectively, for large displays.

Especially when laminated, prints are suitable for a wide variety of photographic applications such as back-lit displays (clear for diffused light sources, translucent for un-diffused light sources), point of sales displays, exhibitions, CAD rendering, signage and other applications where the mechanical durability and excellent gloss of the white film are required.

Printer Compatibility

ILFOJET STANDARD 7mil Clear Film, Translucent Film and White Film are designed for ENCAD Novajet (II, III, IV and Pro) and Laser Master Display Maker 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. Use media mode settings in your printer set-up that give the highest quality output possible that conform to the product being used (Clear, Translucent or White film).

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 clarity of the ILFOJET STANDARD Clear film has been designed to give the best possible image quality and colour saturation.

The opacity of the ILFOJET STANDARD Translucent film has been optimised to give the brightest image possible whilst retaining sufficient diffusion to avoid artefacts from the display source.

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| | <i>The base of ILFOJET STANDARD White film media is designed to give the best, brightest white possible and the highest gloss of our opaque ink-jet products.</i> |
| | <i>Colour saturation is mainly a function of the dyes used. These media will give the fullest colour saturation possible with the specified ink sets.</i> |
| Colour Calibration | <i>As with all ink-jet media these products should be calibrated to the printer, when first used, to give the colour reproduction desired.</i> |
| Handling / Transport | <i>ILFOJET STANDARD media is wound such that the ink-receiving (coated) layer is out on an industry standard core (50.8mm / 2inches). For the Clear film media the coated side has less haze than the reverse side. For the Translucent film media the coated side has a higher gloss (reflectivity) than the uncoated side. For the White film media the coated side also has a higher gloss than the uncoated side. 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.</i> |
| | <i>Avoid touching the ink receiving layer except with cotton or plastic gloves and keep the media free of dirt or excessive moisture.</i> |
| Light stability | <i>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.</i> |
| Water resistance | <i>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.</i> |
| Mechanical resistance | <i>To protect the ink receiving surfaces against scratches or damage and minimise potential problems, it is recommended that the media should be handled and used in a clean environment, or be laminated once adequately dried.</i> |
| Lamination and mounting | <i>ILFOJET STANDARD media have been tested to be compatible with hot and cold laminating systems and also with 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.</i> |
| Shelf Life | <i>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.</i> |
| Ecology | <i>The media and the final prints can be handled and disposed of as photographic colour films or other similar ink-jet media, the base for the products is polyester and should be disposed of according to local regulations. For the treatment of inks, please refer to your printer manual.</i> |
| Note | <i>Specifications subject to change without notice. ILFOJET is a trade mark of the ILFORD companies of International Paper.</i> |
