

MAGIC® APPLICATIONS GUIDE

SCF-7

Solvent Clear Film

InteliCoat



Digital Imaging
Substrates

MAGIC® SCF-7 is a glossy finish 6.5 mil clear film designed for Solvent and Eco-Solvent printers. SCF-7 has excellent image quality and can be used as overlays, clear signage, presentations, and outstanding high black density for making film positives for screen printing. SCF-7 may also be used in such applications as window displays, trade show media, point of sale, P.O.P., and kiosk designs.

PHYSICAL PROPERTIES

Caliper	6.5 mil / 165 microns
Basis Weight.	202 g/m ²
Transmission	92
Haze	4.98
Clarity	96.3
Optimum Printing Environment . . .	70°F (35-70% RH)
Recommended Printing Device . . .	Solvent & Eco-solvent

APPLICATIONS GUIDELINES

Imaging: The print side is smooth and it is wound to the outside of the roll.

Printer & Ink Compatibility: SCF-7 is compatible with Solvent and Eco-Solvent printers such as Vutek®, Mimaki®, Mutoh®, Seiko®, Scitex®, Nur®, Roland®, and Hewlett-Packard®.

Printer Settings: To optimize print quality on the solvent ink jet printers, 720 dpi bi-direction will offer the best results. When using SCF-7 for screen positives; mirror the image when printing. This allows the image side of SCF-7 to be in direct contact with the positive (away from the lights) when exposing your positive. It is important to protect the imaged side of SCF-7 from heat as the ink receiving coating may separate from the film when exposed to extreme heat. Recommended Printer Heat Setting: pre-heat <38°C, print-heat <34°C, post-heat <38°C.

Water Resistance: SCF-7 is water resistant; the back side of the film has limited water resistance. Lamination is recommended when an image will be exposed to repeated physical handling or when prolonged product life is needed.

Material Storage: To protect unused material, store material in its original packaging, in the poly bag at 72°F (+/-5).

FINISHING RECOMMENDATIONS

Lamination: SCF-7 may be overlaminated with most cold laminates and low temperature hot laminates, but cold are preferred and give better adhesion results. Make sure the images are completely dry prior to laminating. When the film is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch safe edge of laminate. Use laminates of equal gauge when encapsulating to prevent image curl.

RECYCLE AND DISPOSAL



Disposal by recycling of ink jet media is the preferred method. Where recycle markets do not exist, disposal by landfill or an approved incinerator is acceptable. See the Magic Recycle Technical Bulletin at www.magicinkjet.com.

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For more information, call 1-413-539-5731,
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*Most updated version of this guide can be found on our website.

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