





ESM-GBF Glossy Backlit Film

Product Overview

This 8 mil translucent polyester backlit film is treated to have a high gloss finish and produces a high quality image with rich density. ESM-GBF is specifically formulated for Eco-Sol MAX inks. The product is an excellent solution for both lights-ON and lights-OFF.

	Face:	205 micron / 8 mil
	Finish:	High Gloss
	Base:	100% Polyester
	Other:	2.2 Dmax

Features

- Detailed imaging with high color saturation
- Quick drying
- 8 mil base polyester film
- Great scratch resistance
- Vibrant color and detail lights-ON and lights-OFF
- 2.2 Dmax
- Roland VersaWorks ICC profile: ESM-GBF with Roland Intelligent Pass Control

VersaWorks Media Profile:

- ESM-GBF

Print Modes:

- Billboard
 - High Speed
 - Standard
 - High Quality
 - Artistic
- Available
■ Not available
★ Default Mode

Applications

ESM-GBF is designed to produce top quality backlit graphic applications. The product's 2.2 Dmax provides the deepest blacks available for a glossy backlit print with Eco-Sol MAX inks. Glossy Backlit Film provides high contrast due to its glossy surface and has great opacity. It is ideal for applications such as light box graphics, backlit trade show displays, bus shelters, and retail signs for interior as well as store front placement. The product does not require lamination. In cases where the installation calls for additional protection of the product, it can be laminated with a pressure sensitive laminate or placed behind glass.

Allow time for high density areas to outgas before finishing or lamination.

Optimized for:

- Light boxes
- Backlit trade show display
- Retail display
- Bus shelters
- General transit advertising

Finishing

- The product can be printed with Roland printers and printer/cutters.
- Use the Roland ESM-GBF media profile for best results.

Specifications

Total Caliper:	8 mil
Basis weight:	285 grams
Adhesive:	None
Finish:	Glossy
Opacity:	38%, with a +/-5% variance
Whiteness:	N/A
Gloss Level:	N/A
Liner:	None
Other:	Good scratch resistance (CMYK and CMYKLcLm)
Ink Compatibility:	Eco solvent (Eco-Sol MAX, Eco-Sol MAX 2, EJ, TrueVIS), ECO-UV
Core Diameter:	3"
Shelf Life:	1 Years
Roll Configurations:	54"x100', 60"x100'
Flammability:	N/A
Chemical Resistance:	N/A

ESM-GBF products are available in the following sizes:

Part Numbers	Size
ESM-GBF-100-54	54"x100'
ESM-GBF-100-60	60"x100'

Usage & Product Storage

Glossy Backlit Film should be handled with care before and after printing to prevent surface contamination that may spoil the print. The material should be processed in an environment of 65°-85° F (18°-30°C) and 50-75% relative humidity (non-condensing) that is clean and relatively dust-free. Also, some media are affixed strongly to the core and care should be taken to avoid machine issues due to the non-release of media at the end of the roll. Store this product in its original packaging in a cool and dry area until ready for processing. If storage conditions are outside the recommended operating ranges, allow the paper to acclimate in the specified range for at least 24-48 hours before use.

Care should be taken to allow the ink on the product to be fully cured before finishing, laminating or packaging for delivery or preparing for installation.

Roland Performance Guarantee

This product is sold for the usage and application stated in this document. The product is free of defects and will produce vibrant printed graphics using Roland Eco-Sol MAX inks.

For more information, contact:

Roland DGA Corp.
 Roland Customer Services
 800-542-2307

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