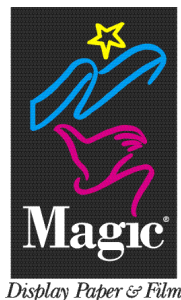


MAGIC® APPLICATIONS GUIDE



DMFTP FLUOREX® TRANSFER PROTECTION

FLUOREX® TRANSFER PROTECTION (DMFTP) is a unique, transferable film that is designed to protect ink jet graphics for indoor and outdoor applications. The thin and flexible Fluorex® brand coating (0.5 mils) provides excellent surface protection against stain, water, UV light, chemicals, graffiti, and abrasion. It can be easily applied to a variety of ink jet products using hot roll laminators. Application is similar to an electrographic dry transfer technique. **DMFTP** is ideal for banners and is an excellent solution for wallcoverings but can be used on a wide variety of substrates.

PRODUCT FEATURES & BENEFITS

- * Transparent after applied
- * High level of surface durability
- * Lower cost than cold laminates with similar protection characteristics
- * Easy two-step application (apply & release)
- * Maintains flexibility and feel of banners
- * Outdoor durable (1 year life expectancy)
- * Does not alter the gloss level of print
- * Chemical, stain, and scratch resistant
- * No curl issues with single-side lamination
- * Compatible with most ink jet banner products
- * Dry and clean application compared to messy liquid laminates
- * Fast - no curing period required

LAMINATION GUIDELINES

Compatibility: **DMFTP** is compatible with Magic's wide and grand format ink jet banner products such as: DMVB15, DMiBOP, DMPB10, DMPB10-C2S, DMPPM7, DMTB9, GFOP140/212, & GFTRP. **DMFTP** can be applied to Magic's pressure-sensitive products (DMVLA5, DMVHA5, DMCVLA3, DMPPM7PSA, DMPG170PSA). It is recommended to only use the top roll heat when applying the **DMFTP**. This will eliminate any adhesive degradation from the heat. **DMFTP** can also be used on Magic's matte presentation papers (DMPG98-170) and backlit films (DMBF5UV, DMBP5). It is NOT compatible with canvases or photobase products. The texture of the canvas does not result in good adhesion.

Laminator
Striking-up: Product is wound with the Fluorex® brand coating on the inside of the roll. Load **DMFTP** on the top roll unwind of laminator. Load ink jet banner prints on the bottom unwind with the image side facing up. It is recommended to use craft paper if the **DMFTP** is more than 1 inch wider than printed media. **Do not leave DMFTP roll on laminator unwind stand when not in use. Excessive and repeated exposure of heat can cause roll to block. Store DMFTP roll in original packaging when not in use.**

Laminator Settings:	<u>Orca III</u>	<u>Seal 6000</u>	<u>Falcon</u>	Set points may be different depending on the capability of laminator. Temperature should be checked using an IR gun. Speed should be checked using a tachometer.
Top Roll Actual Temperature (°F):	250+/-3 ^o	260+/-3 ^o	260+/-3 ^o	
Bottom Roll Actual Temperature (°F):	100+/-3 ^o	150+/-3 ^o	150+/-3 ^o	
Roll Speed (fpm):	2-3	2-3	2-3	
Pressure (psi):	80-100	80-100	1/2 turn past contact	

Generally, adhesion can be improved by either increasing the top roll temperature or decreasing the roll speed. Do not exceed 275 F. It is recommended to trim the protected graphic to size prior to removing the release liner. This can be performed immediately after application.

Surface Durability:	<u>Contaminants</u>	<u>Recommended Cleaners</u>
	Dust, Dirt, grease:	Typical household cleaners, isopropyl alcohol, ammonia-based cleaners, detergents
	Magic Marker, Sharpie, crayon:	Isopropyl alcohol wipes
	Latex paint, ballpoint pen:	Goof Off 2 (water-based)
	Solvent paint, Graphic Arts pen:	Graffiti Buster (BioChem Systems brand), PlastiMaster (Graffiti Master brand)