

GraphicShield™ PRODUCT APPLICATION GUIDE

GRAFFITI FREE PRESSURE-SENSITIVE LAMINATING FILM

GraphicShield™ GRAFFITI FREE laminating film is a 1 mil Tedlar® film with a scuff-resistant matte surface permanent acrylic solvent adhesive. **GRAFFITI FREE** laminating film is ideal for applications that require superior chemical and abrasion resistance.

PHYSICAL PROPERTIES

Total Caliper (w/liner):		5.0 mils
Film:	Tedlar®	1.0 mils
Adhesive:	Solvent Acrylic	1.0 mils
Release Liner:	50 lb.	3.0 mils
Shelf Life:	2 years when stored under cool, dry conditions	

APPLICATION GUIDELINES

Application: It is recommended to use a laminator when applying **GraphicShield™ GRAFFITI FREE** laminating film to imaged media or the surface of a mounting substrate. A laminator will reduce the chance of wrinkles and air bubbles during application. Make sure the lamination area is clean and free from dirt or dust. **Always pretest your specific application prior to actual use.**

Outdoor and Indoor Use: **GRAFFITI FREE** laminating film can be used for indoor and outdoor applications. It should be applied at minimum air and surface temperatures of 50° F.

Water Resistance: **GRAFFITI FREE** laminating film will not give water resistance unless the material to be laminated is non-porous or completely encapsulated. If water migrates under the laminate, ink bleeding may occur.

Material Handling & Storage: Roll imaged media onto a core until ready for posting. Folding of the material is not recommended. Material should be stored at 72° F (+/-5°) for no more than 2 years to obtain maximum adhesion values. After use, the roll should be stored in its original packaging in the poly bag.

Processing Range:	50° to 120° F
Service Temp Range:	-40° to 180° F
Outdoor Durability:	5 years
Chemical Resistance:	Water, mild acids, salt, alkalis, petroleum based greases, oils and aliphatic solvents

FINISHING RECOMMENDATIONS

Surface Preparation: Ensure that the receiving substrate is completely dried before **GraphicShield™ GRAFFITI FREE** laminating film is applied. If inks are not dry, the adhesion of the laminate can be adversely affected; outgassing may also occur, causing bubbles to form under the laminate.

Recommended Application Surfaces: **GRAFFITI FREE** laminating film can be applied to imaged media or the surface of a mounting substrate.

Laminating: **GRAFFITI FREE** laminating film gives added surface protection from dirt, abrasion and light fade. If too much tension is applied during lamination, the product may curl toward the laminated side, and the edges may lift from the release liner and/or the application surface. For optimum results, let images dry a minimum of 24 hours before laminating.



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