

GraphicShield™ PRODUCT APPLICATION GUIDE

GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE PRESSURE-SENSITIVE LAMINATING FILMS

GraphicShield™ GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE vinyl laminating film is coated with a solvent acrylic adhesive. **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating film is ideal for protecting posters, wide-format digital prints, photographic prints and display applications. **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** enhances color. They are good choices for general purpose applications and short-term promotions.

PHYSICAL PROPERTIES

	UV GLOSS	UV LUSTER	UV MATTE
Total Caliper (w/liner):	6.0 mils	6.0 mils	6.0 mils
Film:	Vinyl	3.2 mils	3.2 mils
Adhesive:	Solvent Acrylic	.8 mils	.8 mils
Release Liner:	40 lb., Glassine	2.0 mils	2.0 mils
UVA Protection:	75%	75%	75%
UVB Protection:	100%	100%	100%
Shelf Life:	2 years when stored under cool, dry conditions		
Flame Resistance:	Underwriters Laboratories Classified as to Surface Burning Characteristics		
Flame Spread	5	UL - ANSI/UL-723	
Smoke Developed	20	CAN/ULC - S102M (control No. 2P72)	
ANSI	Class A		
NFPA	Class A		
UCP	Class 1		

APPLICATION GUIDELINES

Application: It is recommended to use a laminator when applying **GraphicShield™ GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films to media or substrates, to 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: **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films can be used for indoor and outdoor applications. They should be applied at minimum air and surface temperatures of 50° F.

Water Resistance: **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films will not give water resistance unless the laminated material 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 1 year 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:	3 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™ GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films are 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: **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films can be applied to imaged media or a mounting substrate.

Laminating: **GENERAL PURPOSE UV GLOSS, UV LUSTER & UV MATTE** laminating films protect surfaces 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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