



Metalphoto of Cincinnati

Graphic Panel Overlays

Solutions That Last the Life of Your Equipment

One size does not fit all. Your project requires overlays manufactured not only for your equipment, but for the environment they serve and your budget. MPC can provide a metal or plastic solution tailored to your particular needs. Custom overlays are precision fabricated with a wide selection of features and attachment options, adding value to your project.

MPC's Promise: Durable overlays manufactured to last the life of your equipment.

Metalphoto of Cincinnati has been a leading full-service manufacturer of durable custom overlays and other identification products for more than 50 years. Experience is our strength, providing the knowledge and capability to deliver the best solution for your product identification needs.

Because Durability Matters

Tough performance with resistance against:

- UV/sunlight exposure
- abrasion
- extreme temperatures
- weather
- saltwater
- chemicals & solvents
- cleaning processes
- graffiti

Specifications

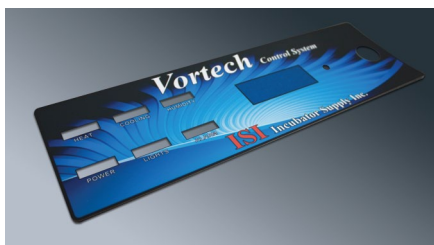
- military
- aerospace
- many industry standards

Metal & Plastic

Typically produced from thin-gauge aluminum (.003" to .032") or plastic (.002" to .030"):

- Metalphoto® aluminum
- anodized aluminum
- polyester
- polycarbonate
- vinyl

www.mpofcinci.com/overlays.html



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Metalphoto of Cincinnati

Your Material Choices Include:

Metalphoto is our most durable and widely used material. High-resolution graphics are sealed beneath a sapphire-hard anodic layer, providing superior resistance to UV, abrasion, cleaning solvents, most chemicals, and extreme temperatures. Service range is -40°F to +650°F. Proven outdoor durability of 20+ years.

Anodized Aluminum offers a built-in protective finish that provides exceptional abrasion resistance and durability against corrosion, extreme temperatures, chemicals and solvents. May be considered as an alternative to Metalphoto for certain applications where UV resistance is not a requirement.

Polyester possesses high tensile strength with good resistance against heat, chemical, abrasion and tears. This economical plastic is available in a variety of colors and easily die-cut. Graphics are printed on the second surface for increased durability.

Polycarbonate offers high mechanical strength and superior optical clarity with good heat, chemical, abrasion and impact resistance. This economical plastic is available in a variety of colors and easily die-cut. Graphics are printed on the second surface for maximum durability.

Vinyl provides superior pliability to easily conform to curved and irregular surfaces. With moderate resistance to abrasion, weather, chemicals and moisture, vinyl is more economical than polyester and polycarbonate. Optional coatings are available to increase durability.

Need help? Contact us now at **800.528.4058** to discuss your project.

Material Selection Chart:

RATING KEY		PHYSICAL / ENVIRONMENTAL PROPERTIES							DESIGN CONSIDERATIONS				
<ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Fair ● Poor 	Heat Max (°F)	Cold Max (°F)	Outdoor Durability	Abrasion Resistance	Chemical Resistance				Color Printing Compatibility	Custom Color Matching	Textures Available	Range of Thicknesses Available (in.)	
					Solvents	Fuel, Oil & Grease	Acids	Bases					
MATERIAL SELECTION*	Metalphoto®	750°	-400°	●	●	●	●	●	●	Black/Silver Only	N/A	Gloss, Satin, Matte, #4 Brush	.003 - .125
	Metalphoto® with Anodized Printed Colors	350°	-400°	●	●	●	●	●	●	Spot Color Only	Yes (Limited)	Gloss, Satin, Matte, #4 Brush	.003 - .125
	Anodized Aluminum	350°	-400°	●	●	●	●	●	●	Spot Color Only	Yes (Limited)	Gloss, Satin, Matte, #4 Brush	.003 - .125
	Polyester	140°	-40°	●	●	●	●	●	●	Full Color (CMYK)	Yes	Gloss, Matte	.005 - .010
	Polycarbonate	270°	-211°	●	●	●	●	●	●	Full Color (CMYK)	Yes	Gloss, Matte, Velvet	.005 - .030
	Hard-Coated Polyester	140°	-40°	●	●	●	●	●	●	Full Color (CMYK)	Yes	Gloss, Non-Glare	.005 - .010
	Hard-Coated Polycarbonate	270°	-211°	●	●	●	●	●	●	Full Color (CMYK)	Yes	Gloss, Non-Glare, Matte	.005 - .030
Vinyl (PVC)	140°	-40°	●	●	●	●	●	●	Full Color (CMYK)	Yes	Semi-Gloss, Matte	.002 - .004	

* This chart is intended for general guidelines only. Users must test products in the specific environment anticipated. Metalphoto of Cincinnati does not warrant performance of its materials in any environment.

