



















metalphoto[®]

Durability, Resistance and Performance

Ratings Key		Metalphoto Photo-Anodized Aluminum Performance Properties		
		Level of Processing		
		Standard Processing (Non-Image Intensified)	Image Intensified	Comments:
Environmental & Physical Resistance	UV Light: 400 Hour QUV Weatherometer Exposure	 Good Choice	 Excellent Choice	No deterioration of legibility
	Heat (°F / °C)	 400°F / 204°C	 750°F / 400°C	Heat resistance of up to 1200°F / 650°C may be obtained. Please contact us to learn more.
	Humidity	 Excellent Choice	 Excellent Choice	No image loss or degradation
	Salt Spray: 5% NaCl solution at 90°F for 700 hours	 Good Choice	 Excellent Choice	No deleterious effect
	Abrasion: Taber abraser, 1000g Load, 7000 Cycles, CS17 Wheel	 Excellent Choice	 Excellent Choice	No image loss or degradation
Chemical Resistance	Organic Solvents: Extended immersion in alcohol, JP-4 jet fuel, hydraulic fluid, MEK and other organic solvents	 Excellent Choice	 Excellent Choice	No softening, staining, image loss or degradation
	Acid Solutions: 24 hour room temperature immersion in 3% solutions of nitric acid, sulfuric acid and ferric chloride	 Excellent Choice	 Excellent Choice	No image loss or degradation
	Base Solutions: 24 hour room temperature immersion in 3% solution of Clorox bleach	 Good Choice	 Good Choice	Improved resistance to base solutions may be obtained. Please contact us to learn more.
	Strong Alkalies: 24 hour room temperature immersion in 3% solutions of sodium and ammonium hydroxide	 Not Recommended	 Not Recommended	Improved resistance to strong alkalies may be obtained. Please contact us to learn more.

Note: Users must test products in the environment in which they are expected to function. ISG does not warrant the performance of its products in untested applications.