

When Long-Lasting Performance Counts Choose MetalPhoto® for Your Parts.

Metalphoto® Environmental Properties											
Results Key	Test Conditions	Abrasion Resistance	Solvent/Fuel Resistance	Temperature Resistance		Ultraviolet Light Resistance	Salt Spray/Immersion Resistance		Chemical Resistance		
		Taber Abraser with CS17 wheel, 1000 gram load for 7000 cycles.	Extended immersion in alcohol kerosene, JP-4 jet fuel, hydraulic fluid. MEK and other organic solvents at room temperature.	> 400°F	> 750°F	400 Hour Weatherometer test recognized equivalent of 20 years outdoor exposure	Salt Spray testing with a 5% NaCl solution at 90°F for 700 hours.	Immersion plates in sea water at ambient temperature for an extended period of time avoiding galvanic coupling.	Acid	Bases	
				≤ 750°F	≤ 1000°F				24 hour immersion at room temperature at 3% solutions of nitric acid, sulfuric acid and ferric chloride.	24 hour immersion at room temperature in 3% solution of Clorox.	24 hour immersion at room temperature in 3% solutions of sodium or ammonium hydroxide.
Finished Plate Characteristics	Black & Aluminum, Image Intensified.	●	●	●	●	●	●	●	●	○	○
	Black on Gold* Background, Image Intensified.	●	●	●	●	●	○	○	●	○	○
	Black & Aluminum, Not Image Intensified.	●	●	●	○	●	○	●	●	○	○
	Black on Gold* Background, Not Image Intensified.	●	●	●	○	●	○	○	●	○	○
	Additional Background or Selective Colors	●	●	○	○	○	○	●	●	○	○

Note: Users must test Metalphoto products in the specific environment anticipated. Metalphoto does not warrant performance of its materials in any environment.
*Includes Sunfast and Classic Gold Products.

INDUSTRY & GOVERNMENT SPECIFICATIONS

Underwriters Laboratories / File #MH17767

Canadian Standards Association / File #11133-1, Class #7921

Federal Specification GGP-455b, Type I & II, Grade A or B

MILITARY SPECIFICATIONS

Mil-P-15024F Mil-P-514D

Mil-P-19834B Mil-A-8625E

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