

Metalphoto Outlasts Other Parts in Challenging Environments

Metalphoto Environmental Properties



















































Test Conditions

Results Key

-  Excellent
-  Acceptable
-  Not Recommended

Abrasion Resistance	Solvent/Fuel Resistance	Temperature Resistance		Ultraviolet Light Resistance	Salt Spray/Immersion Resistance		Chemical Resistance		
		> 400°F ≤ 750°F	> 750°F ≤ 1000°F		Acid	Bases			
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.	Oven tested for one hour.		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.	24 hour immersion at room temperature in 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 SPECIFICATION

Underwriters Laboratories / File #MH17767

Canadian Standards Association / File #11133-I, 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