

## Performance Characteristics

Characteristic	Result
Abrasion Resistance	No pronounced image loss, degradation, or reduced readability after 7000 cycles of an abrading wheel.
Acid Corrosion	No deterioration or image degradation after 24 hours in 3% nitric acid.
Heat Resistance	No legibility loss or degradation when subjected to 1000 F
Salt Spray Corrosion	No deleterious effect after 720 hours salt spray (fog) test.2.6 "Very good" corrosion resistance after 113 days seawater exposure.
Accelerated Light and Weather Resistance	No pronounced deterioration of legibility after 400 hours carbon arc weatherometer exposure.
Accelerated Oxygen Aging	No discoloration or fading after 96 hours / 300 psi / 70 C oxygen bomb aging.
Stain Resistance	No black fading when plates are exposed to tincture of iodine.
Cleaning Resistance	No deleterious effects when tested with alkaline cleaners ( MIL-C-87937 or equivalent ) for aircraft surfaces.
Low Temperature Resistance	No deleterious effects or image fade after 1 hour at -50 F. No impairment of legibility upon exposure at -67 F.
Organic Solvent Resistance	No softening, staining, or noticeable fade after 24 hours exposed to : JP-4 fuel, Gasoline Mineral spirits, Methyl ethyl ketone Turpentine, Turbine & jet fuel, Kerosene, Xylol, Acetone, Toluol, Heptane, Trichlorethylene, MIL-H-5606 hydraulic fluid, and MIL-L-7808 jet engine oil
Fungus Resistance	Visual reading of "0" per ASTM-G21
Thermal Shock	No deterioration after 3 cycles between -65 C and 125 C
Moisture Resistance	No deterioration after 10 humidity cycles per MIL-STD-202, method 106.