

MILITARY STANDARD	ENVIRONMENTAL DURABILITY TESTING FOR COATINGS	RANGES	TIME PERIOD	TYPE OF COATING
<b>MIL-F-48616</b>	HUMIDITY	120°F ± 4°F , 95-100% RH	24 hrs minimum	Infrared (IR) Interference
	TEMPERATURE	-80°F ± 2°F, 160°F ± 2°F	2 hrs, 2 hrs	
	SALT SPRAY FOG per ASTM-B-117-73	95°F ± 3°F	24 hrs continuous	
	SALT SOLUBILITY	16°C TO 32°C	24 hrs	
<b>MIL-C-48497A</b>	HUMIDITY	120°F ± 4°F , 95-100% RH	24 hrs minimum	Single or Multilayer Coatings
	TEMPERATURE	-80°F ± 4°F, 160°F ± 4°F	2 hrs, 2 hrs	
	SALT SOLUBILITY	60°F TO 90°F	24 hrs	
<b>MIL-PRF-13830B</b>	HUMIDITY	120°F ± 4°F , 95-100% RH	24 hrs minimum	Anti-Reflection
	SALT SPRAY FOG per ASTM-B-117-73	95°F ± 3°F	24 hrs continuous	
	SALT SOLUBILITY	16°C TO 32°C	24 hrs	
<b>MIL-M-13508B</b>	HUMIDITY	120°F ± 4°F , 95-100% RH	24 hrs minimum	Front Surface Mirrors (MgF2-Magnesium Fluoride or SiO2-Silicon Monoxide protective coating over Aluminum)
	SALT SPRAY FOG per ASTM-B-117-73	95°F ± 3°F	24 hrs continuous	
<b>MIL-C-675C</b>	SALT SOLUBILITY	16°C TO 32°C	24 hrs	Anti-Reflection
	HUMIDITY	120°F ± 4°F , 95-100% RH	24 hrs minimum	
	SALT SPRAY FOG per ASTM-B-117-73	95°F ± 3°F	24 hrs continuous	
<b>MIL-C-14806A</b>	HUMIDITY "B"	116°F TO 124°F, 95-100%RH	24 hrs continuous	Anti-Reflection for Instrument Cover Glasses and Lighting Wedges applies to glasses with refractive indices from 1.47 to 1.55. Specular reflectance of coated surface at incidence angles from 0° to 15° and at 30° within the spectral range from 440 to 665 nm.