

Coating Chemical Compatibility Chart

- Excellent
- Contact SilcoTek
- Poor









Chemical (Room Temperature)

Acetic Acid	C ₂ H ₄ O ₂	●	●	●	●	●	●	●
Acetone	C ₃ H ₆ O	●	●	●	●	●	●	●
Ammonia	NH ₃	●	●	●	●	●	●	●
Ammonium Fluoride	NH ₄ F	●	●	●	●	●	●	●
Ammonium Hydroxide	NH ₄ OH	●	●	●	●	●	●	●
Argon	Ar	●	●	●	●	●	●	●
Arsine	AsH ₃	●	●	●	●	●	●	●
Boron Tribromide	BBr ₃	●	●	●	●	●	●	●
Boron Trichloride	BCl ₃	●	●	●	●	●	●	●
Carbon Dioxide	CO ₂	●	●	●	●	●	●	●
Carbon Tetrafluoride	CF ₄	●	●	●	●	●	●	●
Chlorine	Cl ₂	●	●	●	●	●	●	●
Dichloromethane	CH ₂ Cl ₂	●	●	●	●	●	●	●
Disilane	Si ₂ H ₆	●	●	●	●	●	●	●
Helium	He	●	●	●	●	●	●	●
Hexafluoroethane	C ₂ F ₆	●	●	●	●	●	●	●
Hexamethyldisilazane	C ₆ H ₁₉ Si ₂ N	●	●	●	●	●	●	●
Hydrochloric Acid* (5%)	HCl	●	●	●	●	●	●	●
Hydrochloric Acid* (18%)	HCl	●	●	●	●	●	●	●
Hydrochloric Acid* (37%)	HCl	●	●	●	●	●	●	●
Hydrofluoric Acid	HF	●	●	●	●	●	●	●
Hydrogen	H ₂	●	●	●	●	●	●	●
Hydrogen Bromide**	HBr	●	●	●	●	●	●	●
Hydrogen Peroxide	H ₂ O ₂	●	●	●	●	●	●	●
Hydrogen Sulfide	H ₂ S	●	●	●	●	●	●	●
Isopropyl Alcohol	C ₃ H ₈ O	●	●	●	●	●	●	●
Methanol	CH ₃ OH	●	●	●	●	●	●	●
Nitric Acid	HNO ₃	●	●	●	●	●	●	●
Nitrogen	N ₂	●	●	●	●	●	●	●
Nitrogen Trifluoride	NF ₃	●	●	●	●	●	●	●
n-Methyl 2-Pyrrolidone	C ₅ H ₉ NO	●	●	●	●	●	●	●
Octafluorocyclobutane	C ₄ F ₈	●	●	●	●	●	●	●
Oxygen	O ₂	●	●	●	●	●	●	●
Ozone	O ₃	●	●	●	●	●	●	●
Phosphine	PH ₃	●	●	●	●	●	●	●
Phosphoric Acid	H ₃ PO ₄	●	●	●	●	●	●	●
Phosphoric Oxychloride	POCl ₃	●	●	●	●	●	●	●
Potassium Hydroxide	KOH	●	●	●	●	●	●	●
Silane	SiH ₄	●	●	●	●	●	●	●
Sulfur Hexafluoride	SF ₆	●	●	●	●	●	●	●
Sulfuric Acid	H ₂ SO ₄	●	●	●	●	●	●	●
Tungsten Hexafluoride	WF ₆	●	●	●	●	●	●	●
Water	H ₂ O	●	●	●	●	●	●	●
DI Water	H ₂ O	●	●	●	●	●	●	●

* Based on 24-hour exposure data.

** Based on 264-hour exposure data.

