

COMPATIBILITY CHART FOR MATERIALS

Legend: OK = safe to use Test = change in appearance or slight attack; test before use DNU = Do Not Use; unsafe to use

ETCHANT VS. PLASTIC MATERIALS

	ABS	CPVC	NYLON	POLY-CARBONATE	POLY-ETHYLENE	POLY-PROPYLENE	POLY-STYRENE	PVC	PVDF (Kynar)	TEFLON
Aluminum A	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Aluminum D	DNU	Test	DNU	OK	OK	OK	OK	Test	Test	OK
Aluminum F	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Buffer HF Improved, BOE	DNU	DNU	DNU	DNU	OK	OK	Test	Test	Test	OK
Chromium Etch 1020	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Chromium Etch CRE-473	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Chromium Etchant TFE	Test	Test	Test	Test	OK	OK	No Data	Test	Test	OK
Copper Etch 100	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Copper Etch 200	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Copper Etch APS-100	OK	Test	OK	OK	Test	No Data	OK	DNU	Test	OK
GE-8110	OK	OK	DNU	Test	OK	OK	Test	OK	OK	OK
GE-8111	OK	OK	DNU	Test	OK	OK	Test	OK	OK	OK
GE-8148	OK	OK	DNU	Test	OK	OK	Test	OK	OK	OK
Gold Etch TFA	OK	OK	DNU	Test	OK	OK	Test	OK	OK	OK
Gold Etch TFAC	Test	Test	Test	Test	OK	OK	No Data	Test	Test	OK
ITO Etch TE-100	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Moly Etch TFM	etch	ok	ok	etch	ok	etch	ok	etch	etch	ok
Nichrome Etch TFN	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Nickel Etch TFB	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Nickel Etch TFG	Test	Test	DNU	Test	Test	Test	Test	Test	Test	OK
Nickel Etch Type I	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Palladium Eth TFP	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Silver Etch TFS	OK	OK	DNU	Test	OK	OK	Test	OK	OK	OK
Tantalum Nitride Etch III	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Tantalum Nitride SIE-8607	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Titanium Etch TFT	DNU	DNU	DNU	DNU	OK	OK	Test	Test	Test	OK
Titanium Etch TFTN	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Ti-Tungsten TiW-30	DNU	Test	DNU	Test	DNU	OK	Test	Test	Test	DNU
Tungsten Etch TFW	Test	OK	Test	DNU	OK	OK	No Data	Test	Test	OK

CHEMICAL VS. RUBBER MATERIALS

CHEMICAL	BUNA N	EPDM	HYPALON	RUBBER	NEOPRENE	NITRILE	TYGON	SILICONE	VITON
Acetic Acid	Test	OK	Test	Test	Test	Test	DNU	Test	Test
Acetone	DNU	OK	Test	Test	Test	Test	DNU	Test	DNU
Ammonium Hydroxide	OK	OK	OK	Test	Test	OK	OK	OK	DNU
Ammonium Persulfate	OK	Test	OK	OK	Test	No Data	OK	DNU	Test
Hydrochloric Acid	Test	Test	Test	OK	Test	Test	DNU	DNU	Test
Hydrofluoric Acid	DNU	DNU	Test	Test	DNU	OK	DNU	DNU	Test
Hydrogen Peroxide	DNU	Test	DNU	Test	DNU	OK	Test	Test	Test
Isopropyl Alcohol	Test	OK	OK	OK	Test	OK	OK	OK	Test
Methanol	Test	OK	OK	OK	Test	OK	OK	Test	Test
Nitric Acid	DNU	Test	Test	DNU	DNU	Test	DNU	DNU	Test
Phosphoric Acid	DNU	Test	Test	Test	Test	Test	DNU	DNU	Test
Potassium Hydroxide	Test	OK	OK	OK	OK	OK	Test	Test	Test
Sodium Hydroxide	Test	Test	OK	OK	Test	OK	Test	OK	Test
Sulfuric Acid	Test	Test	Test	Test	Test	DNU	DNU	DNU	Test
Xylenes	DNU	DNU	DNU	DNU	Test	Test	DNU	DNU	Test

CHEMICAL VS. PLASTIC MATERIALS

CHEMICAL	ABS	CPVC	NYLON	POLYCARBONATE	POLYETHYLENE	POLYPROPYLENE	POLYSTYRENE	PVC	PVDF (Kynar)	TEFLON
Acetic Acid	DNU	Test	DNU	Test	OK	OK	OK	Test	OK	OK
Acetone	DNU	DNU	OK	DNU	OK	OK	DNU	DNU	DNU	OK
Ammonium Hydroxide	Test	Test	OK	DNU	OK	OK	OK	Test	Test	OK
Ammonium Persulfate	OK	Test	DNU	No Data	OK	OK	No Data	Test	Test	OK
Hydrochloric Acid	Test	Test	DNU	Test	OK	OK	Test	Test	Test	OK
Hydrofluoric Acid	DNU	DNU	DNU	DNU	OK	OK	Test	Test	Test	OK
Hydrogen Peroxide	OK	Test	DNU	OK	OK	OK	OK	DNU	Test	OK
Isopropyl Alcohol	No Data	Test	DNU	OK	OK	OK	No Data	Test	Test	OK
Methanol	DNU	Test	OK	Test	OK	OK	No Data	Test	Test	OK
Nitric Acid	DNU	Test	DNU	Test	Test	Test	DNU	Test	Test	OK
Phosphoric Acid	DNU	Test	DNU	OK	OK	OK	OK	Test	Test	OK
Potassium Hydroxide	Test	OK	Test	DNU	OK	OK	No Data	Test	Test	OK
Sodium Hydroxide	Test	Test	Test	Test	OK	OK	No Data	Test	Test	OK
Sulfuric Acid	Test	Test	DNU	Test	Test	Test	Test	Test	Test	OK
Xylenes	DNU	DNU	OK	DNU	DNU	DNU	DNUDNU	DNU	Test	OK