



Bio-Solv Compatibility

Several plastics and metal alloys were evaluated on their resistance towards Bio-Solv. Metals are generally not corroded by the solvent. Prior to any process implementation, actual parts to be cleaned should be tested with Bio-Solv to confirm compatibility.

TABLE 1: COMPATIBILITY OF MATERIALS TO BIO-SOLV

MATERIAL	COMPATIBLE
ABS	No
Aluminum 6061	Yes
BUNA-B	Not Recommended
Carbon Steel	Yes
Chloroprene rubber	Yes
Kalrez	Yes
Latex	Yes
Magnesium alloy AZ91A	Yes
Nylon	Yes
Polycarbonate	No
Polyethylene	Yes
Polypropylene	Yes
PTFE	Yes
PVC	No
PVDF	Yes
Stainless Steel	Yes
Teflon	Yes
Viton	Not Recommended

Table 2: SELECTED COMPOSITE MATERIALS COMPATIBILITY CHART

The following table shows the degree of compatibility categorized by exposure time, which includes four categories: visible attack within 1 hour, visible attack within 8 hours, no visible attack within 4 hours and approved for permanent exposure. Because Bio-Solv is a solvent, we do not recommend permanent exposure.

No visible attack after 24 hrs	Visible attack within 8 hrs	Visible attack within 1 hr
nylon	Buna-B-rubber	PVC
teflon	Viton	Polycarbonate
PVDF	Silicone	ABS
Aflas	EPDM	Tygone (special)
Kalrez	Choropren rubber	C-flex
PTFE	Epoxy amide	Pharmed
polyethylene		Norprene
polypropylene		Polystyrene
oil free EPDM		Polysulphate
Latex natural rubber gloves		Neoprene gloves
		Polyamide
		Polyurethane paints
		Vinyl gloves
		Acrylic

For more information, please contact us at 856-303-9245.