

Solvent Compatibility Guide for Seals

The table below contains general guidelines for choosing the best seal material for your application. Actual results may vary depending on operating conditions such as temperature and concentration of solvent, etc. For a specific recommendation based on your operating conditions, please contact OPTIMIZE TECHNOLOGIES SUPPORT.

R = Recommend

G = Good [better choice might be available]

N = Not Recommended [material degradation probable]

Mobile Phase Solvent	OPTI-SEAL® (UHMW-PE)	ITB™ (PTFE)
Acetamide	R	G
Acetone	N	R
Acetonitrile	R	G
Acrylonitrile	R	G
Aqueous/Aqueous Buffered	R	G
Benzene	N	R
Butanol	R	G
Carbon Tetrachloride	N	R
Chloroform	N	R
Cyclohexane	N	R
Cyclohexanone	N	R
Dichloroethane	N	R
Dichloromethane	N	R
Dimethyl Formamide [DMF]	R	N
Dimethyl Sulfoxide	R	N
Ethanol	G	R
Ethyl Acetate	N	R
Ethyl Ether	N	R
Ethylene Diamine	R	G
Ethylene Glycol	N	R
Heptane	G	R
Hexane	N	R
Iso-octane	N	R
Isopropyl Alcohol	R	G
Methanol	R	G
Methyl Ethyl Ketone	G	R
Pentane	N	R
Pyridine	G	R
Tetrahydrofuran [THF]	N	R
Toluene	N	R
Xylene	G	R



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