



## **Chemical Compatibility Guide for: Electric Pump Kit**

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# Compatibility

New Pig product DRM483:  
Use carbon steel, polypropylene & viton columns.

Rank	Chemical Name	Carbon Steel	Hardened Carbon Steel	301/302/303/304 Stainless	316 Stainless	400 Stainless	400 Hardened Stainless	Aluminum	Polypropylene	PVDF Kynar	Acetal	Nitrile / Geolast®	EPR / Santoprene®	Neoprene	Nylon	Polyurethane	Teflon	Viton	Hytel
35	Acetic Acid, Ethanoic Acid, Glacial Acetic Acid, Vinegar																		
43	Acetone, Propanone																		
37	Acrylonitrile, Propenenitrile																		
48	Adipic Acid, 1-, 6-Hexadioic Acid																		
38	Aluminum Sulfate, Filter Aluminum																		
5	Ammonia, Ammonium Hydroxide																		
17	Ammonium Nitrate																		
30	Ammonium Sulfate																		
19	Benzene																		
36	Butadiene, 1-, 3-Butadiene																		
40	Calcium Chloride (salt substitute)																		
7	Calcium Hydroxide, Milk of Lime																		
6	Calcium Oxide, Lime, Quicklime																		
33	Carbon Black																		
12	Chlorine																		
32	Cumene, Isopropylbenzene																		
39	Cyclohexane, Hexahydrobenzene																		
20	Ethyl Benzene																		
18	Ethylene Dichloride (EDC)																		
8	Ethylene, Ethene																		
29	Ethylene Glycol, Glycol, Antifreeze																		
25	Ethylene Oxide																		
27	Formaldehyde, methanal																		
26	Hydrochloric Acid, Muriatic Acid Aqueous Hydrogen Chloride																		
3	Hydrogen Gas																		
50	Isopropyl Alcohol, Rubbing Alcohol, Isopropanol, 2-propanol																		
47	Methyl-tert-butyl ether (MTBE)																		
14	Nitric Acid (called fuming 80%)																		
4	Nitrogen Gas																		
9	Oxygen Gas																		
34	Phenol, Carboic Acid																		
11	Phosphoric Acid, Orthophosphoric Acid																		
31	Potassium Carbonate, Potassium Sulfate, Potassium Hydroxide, Potassium Nitrate, Potassium Chloride, Potassium Salts & Oxides																		
42	Propylene Oxide																		
15	Propylene, Propene																		
13	Sodium Carbonate, Soda Ash																		
10	Sodium Hydroxide, Caustic Soda																		
46	Sodium Silicate, Silica Gel																		
44	Sodium Sulfate, Salt Cake, Glaubers Salt																		
49	Sodium Tripolyphosphate (STPP), Sodium Triphosphate																		
21	Styrene, Vinyl Benzene, Phenylethene																		
2	Sulfuric Acid																		
24	Teraephthalic Acid (TA, TPA, PTA), Dimethylterephthalate (DMT)																		
45	Titanium Dioxide (white pigment)																		
28	Toluene, Toluol																		
16	Urea																		
41	Vinyl Acetate																		
22	Vinyl Chloride, (Chloroethylene)																		
1	Water																		
23	Xylene, Xylols (ortho, meta, para)																		

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