Chemical Compatibility Chart

Recommended	1	Not Recommended	3
Satisfactory	2	Not Available	-

Substances	PA	PU Ether	PU Ester	Low Density PE	Advanced PE	FEP/PFA
Acetaldehyde	1	-	-	3	-	1
Acetone	1	3	1	3	-	1
Acid, chromic up to 10%	-	3	3	1 (50%)	-	1
Acid, citric	3	-	-	1	1 up to 60°C	1
Acid, formic up to 10%	-	2	3	1	1 at 25% at 20°C	1
Acid, hydrochloric up to 10%	1	1	3	1	1 at 20°C	1
Acid, phosphoric up to 50%	3	2	3	1	2 at 20°C	1
Acid, sulphuric up to 10%	3	1	3	1	1	1
Acid, acetic	2 at 10%	1	3	1 (50%)	1 (50 %)	1
Acid, nitric	3	3	3	1 (40%); 3(>40%)	-	1
Ammonia and gaseous	1	1	3	2	1	1
Ammonioum chloride up to 10%	-	1	1	1	1	1
Benzene	1	3	3	3	3	1
Bromine	3	-	-	3	3	1
Butane	1	1	1	1 (20°C)	1	1
Butyl acetate	1	3	2	-	-	1
Butylic and butyl alcohol	-	-	-	1 (20°C)	1	1
Calcium choride	-	1 (10% & 40%)	2 (10% & 40%)	1	1	1
Carbon tetrachloride (sodium hypochlorite)	2	3	2	1 (30%)	3	1
Chloroform	3	3	3	3	-	1
Compressed air	1	1	1	1	1	1
Cyclohexanone	1	3	3	3	-	1
Ethanol	1	2	2	3	-	1
Ethyl acetate	1	2	2	2 (20°C)	2 (23°C); 3 (85°C)	1
Ethyl alcohol	-	-	-	3	1 (23°C); 3 (85°C)	1
Ethylene oxide	1	-	-	-	-	1
Formalin (formaldehyde)	2	-	-	1 (40%)	-	1
Freon 12-22	1	2	2	-	-	1
Glucose	1	-	-	-	1	1
Glycol (without H_2O)	-	1	1	-	-	1
Hydrogen	1	-	-	1	1	1
Hydrogen peroxide (perydrol)	3	2	2	1 (10%)	1	1
Kerosene	1	1	1	-	3	1
Magnesium chloride (up to 30%)	1	1	2	1	1	1
Methane	1	1	1	-	-	1
Methanol	1	2	3	-	-	1
Methyl acetate	-	2	2	-	-	1
Methyl alcohol (pure)	-	-	-	-	2	1

Chemical Compatibility Chart

Substances	PA	PU Ether	PU Ester	Low Density PE	Advanced PE	FEP/PFA
Methyl chloride	2	3	2	-	-	1
Methyl ethyl ketone	1	3	3	3	-	1
Oils (paraffin)	-	1	1	-	-	1
Oils, engine (diesel)	1	2	1	-	-	1
Oxygen	1	-	1	1 (20°C)	-	1
Ozone	3	2 or 1	1	3	3	1
Perchlorate ethylene	1	3	3	-	-	1
Petrol, with up to 40% aromatics	1	-	2	-	-	1
Petrol, with more than 40% aromatics	1	-	3	-	-	1
Phenols	3	-	3	3	-	1
Potash	-	-	3	1	-	1
Potassium chloride up to 40%	1	1	2	1	-	1
Potassium hydroxide	1 (50%)	1 (3n)	2	1	1	1
Potassium manganate 5%	-	3	2	-	-	1
Potassium sulphate	1	-	-	1	1	1
Propane	1	1	1	-	-	1
Sodium carbonate	1	-	-	1	1	1
Sodium chloride	1 (50%)	1	2	1	-	1
Sodium hydroxide (caustic soda)	1 (60%)	-	-	1	1	1
Sodium hypochlorite (bleach)	1	2	3	1 (30%)	-	1
Tetrachloroethylene	1	2	2	-	-	1
Toluene	1	2	2	3	3	1
Tributylphosphate	1	-	-	-	-	1
Trichlorethylene	1	3	3	3	-	1
Water (distilled, deionised)	-	1	1	-	-	1
Water (drinking, food)	-	-	-	-	1	1
Water (industrial)	1	-	-	-	1	1
Water (sea)	-	-	-	-	-	1
Xylem	-	2	2	-	-	1
Zinc chloride	1 (10%)	-	-	1	-	1

For other fluids, concentrations or special implementation, please contact us.