

# Housing, Sealing Material

Compound	Housing			Gasket, O-ring				
	H-1 : ABS/Acryl H-2 : PP H-3 : SUS304			G-1: NBR G-2: SiliconeRubber G-3: EPT G-4: FluoroRubber G-5: PTFE				
	H-1	H-2	H-3	G-1	G-2	G-3	G-4	G-5
<b>Acid</b>								
Acetic Acid (10%)	B	A	A	B	B	A	B	A
Sulfuric Acid (50%)	C	A	C	B	A	B	A	A
Chromic Acid (10%)	B	A	C	B	B	A	A	A
Nitric Acid (25%)	B	A	A	C	B	A	A	A
Phosphoric Acid (25%)	B	A	A	C	B	A	A	A
<b>Alkali</b>								
Sodium Hydroxide (15%)	B	A	A	B	A	B	A	A
Ammonia Water (25%)	B	A	A	B	A	A	B	A
<b>Alcohol</b>								
Methanol	C	A	A	B	B	A	A	A
Ethanol	C	A	A	B	B	A	A	A
Isopropyl Alcohol	C	A	A	B	B	A	A	A
<b>Hydrocarbon</b>								
Hexane	C	B	A	A	B	B	A	A
Xylene	C	B	A	C	C	C	A	A
Toluene	C	B	A	C	C	C	B	A
<b>halogenated hydrocarbon</b>								
Carbon tetrachloride	C	C	A	C	C	C	A	A
Chlorobenzene	C	C	B	C	C	C	A	A
Trichloroethylene	C	C	A	C	C	C	A	A
<b>Ester</b>								
Methyl Acetate	C	C	A	C	C	B	C	A
Ethyl Acetate	C	C	A	C	C	B	C	A
<b>Ketones</b>								
Acetone	C	B	A	C	C	B	C	A
MEK	C	B	A	C	C	B	C	A
<b>Other</b>								
Phenol	C	B	A	C	A	A	A	A
Formaldehyde	B	B	A	C	C	B	A	A
Steam	C	B	A	B	A	A	A	A
Oil	B	B	A	B	A	A	A	A
Sea Water	B	A	A	A	A	A	A	A
Hydrogen preoxide (30%)	B	C	A	B	B	B	A	A
Sodium hypochlorite (10%)	B	A	C	C	C	B	A	A

A ; Compatible in most situations

B ; Prior testing is required

C ; Not recommendable to use

Description of each characteristic data is based on our original test methods. The actual data may differ slightly from the data shown here by use conditions.