Seal Material Selection Table (For reference)

	Fluids	Seal Material					
		Nitrile rubber	Chloroprene rubber	Fluoro rubber	Ethylene-propylene rubber	Perfluoroelastomer	Silicon rubber
P	Propionitrile	◎	◎	◎	◎		◎
	Propyl acetate	—	—	—	○		—
	Propyl alcohol (65˚C)	◎	◎	◎	◎		◎
	Propylene	—	—	◎	—		—
	Pyridine	—	—	—	○	◎	—
S	Secondary butyl alcohol	—	—	—	—		—
	Soapy water (65˚C)	◎	○	◎	◎		◎
	Sodium acetate	○	○	—	◎		—
	Sodium aluminate	—	—	—	◎		—
	Sodium bichromate	◎	◎	◎	◎		◎
	Sodium carbonate	◎	◎	◎	◎		◎
	Sodium chloride	◎	◎	◎	◎		◎
	Sodium chloride (salt water)	◎	◎	◎	◎		◎
	Sodium cyanide	◎	◎	—	◎		◎
	Sodium hydroxide (50%)	◎	◎	△	◎	◎	—
	Sodium hydroxide (50˚C)	○	○	—	◎		—
	Sodium hypochlorite	○	—	◎	○	◎	○
	Sodium iodide	—	—	—	—		—
	Sodium metaphosphate	◎	○	◎	◎		—
	Sodium nirate	○	◎	—	◎		—
	Sodium nitrite	—	—	—	◎		—
	Sodium peroxide	○	○	◎	◎		—
	Sodium phosphate	◎	◎	—	—		△
	Sodium plumbate	—	—	—	—		—
	Sodium silicate	◎	◎	◎	◎		—
	Sodium sulfate	◎	◎	◎	◎		◎
	Sodium sulfide	◎	◎	◎	◎		◎
	Sodium sulfite	◎	◎	◎	◎		◎
	Sodium thiosulfate	—	—	—	—		—
	Spindle oil	◎	—	◎	—		△
	Starch	◎	◎	◎	◎		◎
	Steam (100˚C)	—	—	—	◎		—
	Styrene monomer	—	—	○	—		—
	Sugar and sugared water	◎	◎	◎	◎		—
	Sulfur	—	◎	◎	◎		◎
	Sulfur chloride (dry)	—	—	◎	—		—
	Sulfur dioxide	—	○	◎	◎		○
	Sulfur tetroxide	—	—	◎	—		—
	Syrup	◎	—	—	—		—
T	Tertiary butyl alcohol	—	—	—	—		—
	Tetraethyl lead	○	—	◎	—		—
	Tetralin	—	—	◎	—		△
	Titanium terachloride	○	—	◎	—		—
	Toluene (Toluol)	—	—	△	—	◎	—
	Triethanolamine	△	◎	—	○		—
	Tung oil	◎	○	◎	—		—
V	Vinyl acetate	—	○	—	◎		—
	Vinyl chloride	—	—	◎	△		◎
	Vinyl chloride resin	—	—	◎	—		—
W	Water (65˚C)	◎	○	◎	◎		◎
	Whisky	◎	◎	◎	◎		◎
X	Xylene	—	—	◎	—	◎	—

	Fluids	Seal Material					
		Nitrile rubber	Chloroprene rubber	Fluoro rubber	Ethylene-propylene rubber	Perfluoroelastomer	Silicon rubber
Z	Zinc chloride (65˚C)	◎	◎	◎	◎		◎
	Zinc sulfate (65˚C)	◎	◎	◎	◎		◎