

Chemical Resistance Data

※The following table should be referred to select a hose for a specific working fluid.

◎=Excellent, can be used without problems.

○=Good, may be affected to some extent, but can be used under general conditions.

△=Fair, need to verify suitability.

×=Poor, cannot be used.

	Product	Soft PVC	Polyolefin	Silicon Rubber	Fluoride Polymer (ETFE)
		TOYORON SUPER TOYORON TOYOSIGNAL TOYOSPRING TOYORING	ECORON ECORON-S (Inner layer)	TOYOSILICONE TOYOSILICONE-S TOYOSILICONE-P	TOYOFUSSO TOYOFUSSO-E (Most Inner layer)
	Chemical Name				
I	Isobutyl alcohol		◎	◎	
	Isooctane			×	◎
	Isopropyl alcohol	×	○	◎	◎
K	Kerosene	×	△	×	◎
	Kerosene (light oil)	×	△	×	
	Ketone	×	○		
L	Lacquer	×	△	×	
	Lactic acid	○	◎	◎	◎
	Lard	△	○	△	
	Lead acetate	○	◎	×	◎
	Lead nitrate	○	△		◎
	Lead sulfamate			○	
	Linolenic acid			○	
	Liquified petroleum gas	△			
	Lubricating oil	△	○	×	
	Magnesium chloride	◎	◎	◎	◎
M	Magnesium hydroxide	◎	○		◎
	Magnesium sulfate	◎	◎	◎	
	Maleic acid	△	◎		◎
	Malic acid			○	
	Mercuric chloride	○	◎		◎
	Mercury	◎	◎		◎
	Methane gas	◎	◎		◎
	Methyl acetate		△	×	
	Methyl alcohol (Methanol)	×	○	○	◎
	Methyl chloride	×	△	×	◎
	Methyl ethyl ketone	×	△	△	◎
	Methyl isobutyl ketone	×	△	○	◎
	Methyl methacrylate		△	△	
	Methylene dichloride	×	△	×	◎
	Milk		○	◎	
	Mineral oil	△	△	×	◎
	Monochloroacetic acid	△	×		◎
Monochlorobenzene	×	△	×	◎	
Monoethanolamine			○		