

Chemical compatibility varies between different materials and solutions. For example, Viton® tubing is resistant to many inorganic chemicals and even to some organic solvents. This chemical resistance table will help choose the correct pump tubing material for your application. For further information please contact us to inquire about the correct pump tubing.

Chemical Classification	PVC	[***]	Silicone	[**]	[*]
		Solvent Resistant		Viton®	Santoprene®
Acetone	U	U	X	U	U
Alcohols	X	X	X	X	-
Aliphatic Hydrocarbons	X	U	U	U	-
Aqua Regia	U	X	-	O	U
Aromatic Hydrocarbons	U	U	O	X	-
Gasoline (non-aromatic)	U	U	U	X	U
Gasoline (high aromatic)	U	U	U	X	-
Hydrochloric Acid (diluted)	X	X	U	X	X
Kerosene	U	U	U	X	U
Ketones (MIBK)	U	U	U	U	X
Nitric Acid (diluted)	X	X	O	X	O
Oils, Animal	U	X	O	X	X
Oils, Mineral	U	U	O	X	X
Oils, Vegetable	O	X	X	X	X
Sulfuric Acid (diluted)	X	X	U	X	O
Water	X	X	X	X	X
Xylol	U	U	U	X	U

Legend X : Satisfactory O : Use only after testing U : Unsatisfactory “-” : No data available

[*] - Santoprene = PharmaMed = Ismaprene
(All are same material - Creamy Opaque)

[**] - Black Opaque

[***] - Yellow Tinted