

VOLTEX CHEMICAL COMPATIBILITY CHART

Table 1

Chemical	Concentration			
	1%	10%	50%	100%
Water	N	N	N	N
Inorganic Acids	M	M	S	S
Inorganic Bases	N	M	S	S
Inorganic Salts	M	S	S	S
Organic Acids				
Alcohols	N	N	M	M
Aldehydes	N	N	N	M
Amines	N	N	M	M
Esters	N	N	M	M
Ethers	N	N	N	M
Aromatic Hydrocarbons				
Benzene	N	N	N	N
Toluene	N	N	N	N
Xylene	N	N	N	M
100/150 solvents	N	M	M	M
Aliphatics (oils and fuels)	N	N	N	N
Halogenated Hydrocarbons				
Methylene Chloride	N	N	N	N
Ketones	N	N	N	N
Chloroform	N	N	N	N
Carbon Disulfides	N	N	N	N
Nitrobenzene	N	N	N	N
Detergents and other Cleaning Products	N	M	S	S
Fats, Greases, Biological Oils, and Sugars	N	N	N	N

VOLTEX CHEMICAL RESISTANCE CHART

Table-1 Legend:

N = NO EFFECT: Performance is not affected under most service conditions.

M = MODERATE EFFECT: Performance can be affected, especially by long-term exposure.

S = SEVERE Effect: Performance will be affected by both short and long term exposure.

Important Notes:

The chemical resistance data in Table 1 is a result of laboratory tests and field applications and is intended to serve as a guide. No performance warranty is intended or implied. The degree of chemical attack on any material is governed by the conditions under which it is exposed. Exposure time, temperature and the size of the exposure area usually varies considerably in application; therefore, this table is given and accepted at the user's risk. Confirmation and validity and suitability in specific cases should be obtained. When considering Voltex products for specific applications, a groundwater sample can be submitted and tested prior to installation. It is impossible to test every available chemical; this chart should be used for general screening purposes only and should not be used to replace chemical-specific testing where firm compatibility information is required. The effect of combinations of these chemicals has not been evaluated. Complex chemical solutions should be evaluated on a case-by-case basis.

1. The information in the chart is based on Voltex being hydrated with clean water prior to chemical exposure.
2. Specific product usage recommendations will depend on the application, product type, and head pressures present.
3. Whenever there is uncertainty about the groundwater contaminants, it is recommended that a site water sample be obtained and tested for compatibility with the waterproofing.

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