

# Chemical Resistance Chart

(This chart documents the unique Chemical Resistance of Bulldog "Covered" hoses.)

## ACIDS

	AT 20°C (68°F)					AT 50°C (122°F)				
	ONE DAY OR LESS	ONE WEEK	ONE MONTH	6 TO 12 MONTHS	SEVERAL YEARS	ONE DAY OR LESS	ONE WEEK	ONE MONTH	6 TO 12 MONTHS	SEVERAL YEARS
Hydrochloric Concentrated			X							
Hydrochloric dilute 20%				X				X		
Hydrochloric traces in water					X				X	X
Nitric Concentrated	X					X				
Nitric Dilute 20%			X			X				
Nitric traces in water				X			X			
Sulfuric Concentrated	X					X				
Sulfuric Dilute 20%			X					X		
Sulfuric traces in water				X					X	X
Phosphoric 40%				X				X	X	
Phosphoric traces in water					X				X	X

## ALKALIS

Sodium Hydroxide diluted 50%				X	X			X	X	
Sodium Hydroxide diluted 20%				X	X				X	
Sodium Hydroxide dilute traces in water				X				X	X	
Potassium Hydroxide 50%			X	X				X		
Potassium Hydroxide traces in water					X				X	X
Ammonium Hydroxide 50%			X	X				X	X	
Ammonium Hydroxide traces in water					X				X	X

## SALT SOULTIONS (SATURATED)

Sodium Chloride					X					X
Sodium Nitrate					X					X
Sodium Sulphate					X					X
Sodium Carbonate					X				X	X
Sodium Phosphate					X				X	X
Sodium Silicate					X				X	X
Calcium Nitrate					X				X	X
Calcium Chloride					X				X	X
Zinc Chloride					X				X	X

## SOLVENTS (ALCOHOL)

Methyl alcohol				X	X				X	
Ethyl alcohol				X					X	
Butyl alcohol				X	X				X	
Propyl alcohol				X					X	
Benzyl alcohol	X	X						X		
Diacetone alcohol	X			X						

## ESTERS

Amyl acetate	X	X						X		
Butyl acetate	X							X		
Tricresyl phosphate	X	X						X		
Butyll stearatel				X	X					X

## ETHERS

Ethyl ether			X	X						
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## KETONES

Acetone	X					X				
Methyl ethyl ketone	X					X				
Diacetone alcohol	X					X				

## HYDROCARBONS

Kersene (Paraffin Hydrocabron)				X	X				X	X
Gasoline ( Less than 25% aromatics)				X	X				X	
Benzol	X					X				
Toluol	X					X				
Naphtha				X	X				X	X

## HALOGENATED HYDROCARBONS

Benzyl Chloide	X					X				
Cholroform	X					X				
Ethylene Dichloride	X					X				
Carbon Tetrachloride		X					X	X		
Trichoroethylene	X					X				
Bromobenzene	X					X				
Chlrorbenzene	X					X				

## PHENOLS

Phenol (Liquified)						X				
Cresol	X					X				

## OILS

Diesel Oil				X	X				X	X
"Soluble" Cutting oil				X	X				X	X
Vegetable oils				X	X				X	X
Mineral oils				X	X				X	X



These results are based on tests representing normal contact with these chemical when Bulldog Hose covered hoses are used in either fire or washdown situations. After such contact in actual service, it is always advisable to wash or wipe down the hose. We reserve the right to vary of modify any specifications without notice.