

**Legend:**

A: resistant  
B: conditionally resistant  
C: nonresistant  
X : no data available

**Note:**

The information in this resistance list serves as a reference only and can not be guaranteed!  
For accurate information on resistance, a resistance test must always be carried out!

Medium	Plastics				Gaskets			Steels	
	HDPE	LDPE	PA	PP	FKM	NBR	EPDM	V2A (1.4310)	V4A (1.4571)
<b>A</b>									
Acetone	A	B	A	A	C	C	A	A	A
Acetophenone	A	C	A	A	C	C	A	X	X
Acetylacetone	X	X	A	X	C	C	A	X	X
Acetylen, ethene	A	C	A	C	A	A	A	X	X
Alums	A	A	X	A	A	A	A	A	A
Methyl formate	A	A	B	A	C	C	A	A	A
Amyl acetate	A	C	A	B	C	C	A	X	X
Amyl alcohol	A	A	A	A	A	A	A	X	X
Aromat. fuels 50% (fuel C)	X	X	A	X	A	A	C	X	X
<b>B</b>									
Benzaldehyde	A	A	B	A	C	C	A	X	X
Petrol	A	B	A	B	A	A	C	A	A
Benzyl benzoate	A	A	C	A	A	C	C	A	A
Benzene	B	C	A	B	A	C	C	A	A
Benzyl alcohol	A	A	B	A	A	C	A	B	B
Hypochlorite 12.5%	A/B	B	C	A/B	A	C	A	B	B
Brake fluid	A	C	A	A	C	B	A	X	X
Butanol (butyl alcohol)	A	A	A	A	A	A	A	X	X
Butanone (methyl ethyl ketone, MEK)	A	C	A	A	C	C	A	X	X
Butyl acetate	A	C	A	B	C	C	A	X	X
Butyl glycol	A	A	A	A	C	B	A	X	X
<b>C</b>									
Calcium hydroxide	A	A	A	A	A	A	A	X	X
Calcium hypochlorite	A	A	C	A	A	A	A	X	X
Cyclohexane	A	A	A	A	A	A	C	X	X
Cyclohexanol	A	A	A	A	A	A	C	X	X
Cyclohexanone	A	B	A	A	C	C	A	X	X
<b>D</b>									
Denatured alcohol	X	X	X	X	A	A	A	X	X
Diacetanalkohl (diacetone)	X	X	X	X	C	C	A	X	X
Dibutyl ether	A/B	C	X	C	C	C	A	X	X
Dibutyl phthalate (palatinol C)	A	B	A	A	B	C	A	X	X
Dichloromethane (methylene chloride)	B	C	B	B	A	C	C	X	X
Diesel fuel	A	B	A	A	A	A	C	X	X

Medium	HDPE	LDPE	PA	PP	FKM	NBR	EPDM	V2A (1.4310)	V4A (1.4571)
Diethylene glycol	X	X	X	X	A	A	A	X	X
Dimethylphthalat	X	X	A	X	A	C	A	X	X
Diphenyl (biphenyl)	X	X	A	X	A	C	C	X	X
<b>E</b>									
Glacial acetic acid (acetic acid 100%)	A	C	X	A	C	A	A	A	A
Petroleum	A	C	A	B	A	A	C	A	A
Vinegar (5% aqueous acetic acid)	A	B	A	A	A	A	A	A	A
Ethanol (ethyl alcohol)	A	A	A	A	B	A	A	X	X
Ethanolamine	X	X	X	X	C	A	A	X	X
Ethyl acetate	A/B	C	A	A/B	C	C	A	X	X
Ethylbenzene	B	C	X	B	A	C	A	X	X
Ethyl chloride	B	C	A	B	A	A	A	A	A
Ethylene glycol (glycol)	A	A	A	A	A	A	A	X	X
2-ethyl-1-hexanol (isooctanol)	A	A	X	A	A	A	A	X	X
<b>F</b>									
Paint thinner	X	X	X	X	A	C	C	X	X
Hydrogen fluoride (hydrofluoric acid,	A	A	X	A	C	C	A	B	B
Hydrofluoric acid <65% cold	A	A	X	A	A	C	A	C	C
> 65% cold	X	X	X	X	A	B	A	C	C
< 65% hot	X	X	X	X	B	C	B	C	C
> 65% hot	X	X	X	X	B	C	C	C	C
Formaldehyde	A	A	A	A	C	B	A	A	A
Furan	X	X	X	X	C	C	C	X	X
Furfuryl alcohol	A	B	A	A	C	C	A	X	X
<b>G</b>									
Transmission oil	X	X	A	X	A	A	C	X	X
Glycerol	A	A	A	A	A	A	A	A	A
Glycol (ethylene glycol)	A	A	A	A	A	A	A	X	X
<b>H</b>									
Heating oil	A	B	A	A	A	A	C	X	X
n-heptane	A	C	A	B	A	A	C	X	X
n-hexane	A	C	A	A	A	A	C	X	X
Methanol	X	X	X	X	C	A	A	X	X
Hydraulic oil (mineral oil-based)	A	C	X	C	A	A	C	X	X
<b>I</b>									
Isobutyl alcohol (isobutanol)	A	A	X	A	A	A	A	X	X
Isooctane	A	A	A	A	A	A	C	X	X
Isopropanol (isopropyl alcohol)	A	A	A	A	A	A	A	X	X
<b>J</b>									
<b>K</b>									
Potassium hydroxide 50%	A	A	X	C	C	A	A	X	X
Potassium hydroxide solutions (dilute)	A	A	X	C	A	A	A	A	A
Kerosene	A	B	X	B	A	A	C	X	X
Pine oil	A	C	X	A	A	A	C	X	X
Neatsfoot oil	X	X	X	X	A	A	A	X	X

Medium	HDPE	LDPE	PA	PP	FKM	NBR	EPDM	V2A (1.4310)	V4A (1.4571)
Aqua regia	C	C	C	B	A	C	B	C	C
<b>L</b>									
Paints	X	X	A	X	A	A	C	A	A
Paint solvents	X	X	A	X	C	C	C	X	X
Lavender oil	X	X	X	X	A	A	C	X	X
Linseed oil	A	B	A	A	A	A	B	A	A
Linoleic acid	X	X	X	X	A	A	C	X	X
<b>M</b>									
Methanol	A	A	A	A	C	A	A	X	X
Methyl butyl ketone	X	X	X	X	C	C	A	X	X
Methyl ethyl ketone (butanone, MEK)	X	X	A	X	C	C	A	X	X
Methyl isobutyl ketone (MIBK)	X	X	A	X	C	C	B	X	X
Methyl methacrylate	A	C		C	C	C	C	X	X
Mineral oils	A	B	B	A	A	A	C	X	X
<b>N</b>									
Naphtha	A	C	A	A	A	A	C	X	X
Naphthalene	A	A	A	A	A	C	C	X	X
Sodium hydroxide (caustic soda) 3-molar	A	A	A	A	A	A	A	A	A
Sodium hypochlorite	A	C	B	A	A	B	B	B	B
Nitrobenzene	A	C	B	A	A	C	C	X	X
Nitromethane	X	X	B	X	A	C	A	X	X
Nitrotoluene	X	X	X	X	B	C	C	X	X
<b>O</b>									
Olive oil	A	B	A	A	A	A	A	X	X
Oxalic acid	A	A	B	A	A	A	A	A	A
Ozone	B	B	B	A	A	C	A	X	X
<b>P</b>									
Perchloric acid, 2-molar	A	B	X	B	A	C	A	X	X
Phenyl ethyl ether	X	X	X	X	C	C	C	X	X
Phosphoric acid 3-molar	A	A	C	A	A	C	A	B	A
Propane			A		A	A	C	X	X
Propanol	A	A	A	A	A	A	A	X	X
<b>Q</b>									
<b>R</b>									
Castor oil A371	A	C	X	A	A	A	A	X	X
<b>S</b>									
Nitric acid 3-molar concentrated	A	A	C	A	A	C	A	A	A
Hydrochloric acid for 3-molar concentrated	A	A	C	A	A	B	A	B	B
Silicone oils	X	X	C	X	A	C	B	B	B
Soda (sodium carbonate)	A	A	X	B	X	A	A	X	X
Super gasoline	A	A	A	X	A	A	A	A	A
Sulfuric acid 3-molar concentrated	X	X	X	X	A	A	C	X	X
Sulfurous acid	A	A	B	A	A	C	A	B	A
	A	A	B	A	A	A	A	A	A

Medium	HDPE	LDPE	PA	PP	FKM	NBR	EPDM	V2A (1.4310)	V4A (1.4571)
<b>T</b>									
Turpentine	X	X	X	X	A	A	C	A	A
Terpineol	A/B	B	A	C	A	A	B	A	A
Tetrahydrofuran	A/B	C	A	B	C	C	A	X	X
Toluene A568	B	C	A	B	A	C	C	A	A
Transformer oil	A	B	A	A	A	A	C	X	X
Triethanolamine	X	X	A	X	C	B	A	X	X
Trinitrotoluene	X	X	X	X	A	C	C	X	X
<b>V</b>									
<b>W</b>									
Detergent dissolved in water	A	A	A	A	A	A	A	A	A
Hydrogen peroxide diluted	A	A	A	A	A	A	A	A	A
Hydrogen peroxide 90%	A	A	C	C	A	C	B	A	A
White oil	X	X	X	X	A	A	C	X	X
<b>X</b>									
Xylene	B	C	A	C	A	C	C	A	A
<b>Z</b>									
Citric acid	A	A	X	A	A	A	A	A	A