Chemical resistance list

This list uses a rating system to show the chemical resistance of various elastomer materials to different operating media. The following data is based on tests and information provided by our suppliers and customers.
Because of the different application conditions and composition of the media, this data must only be regarded as a guide. The data is nonbinding and must be checked on a case-by-case basis.
With a view to the safe choice of materials we recommend you carry out resistance tests under the conditions of use. For further information, please refer to our product datasheets or contact our application technology department.
All information relates to room temperature unless otherwise stated.

The specific data are to be understood as follows:

A = Elastomer exhibuts no or minimal swelling.
B = Elastomer exhibits low to moderate swelling
C = Elastomer exhibits moderate to strong swelling
D = Not recommended
– = Unknown / Not checked

A

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
1-chlorine-1-nitro ethane	D	D	D	–	D	D	D	D	D	–	D	A	C
Acetaldehyde	B	A	D	–	C	D	D	B	D	–	D	A	C
Acetamide (acetic acid amide)	D	A	A	A	B	D	D	B	A	A	B	A	A
Acetic acid, 30%	B	A	B	–	A	D	D	A	B	–	B	A	A
Acetic acid, glacial acetic acid	B	A	C	B	D	D	D	B	D	–	C	A	B
Acetic anhydride	B	B	C	D	B	D	D	C	D	B	D	A	C
Acetone	C	A	D	D	C	D	D	C	D	D	D	A	B
Acetophenone	D	A	D	D	D	D	D	D	D	–	D	A	C
Acetyl chloride (acetic acid chloride)	D	D	D	D	D	D	D	C	A	–	A	A	A
Acetylene (ethyne)	B	A	A	–	B	D	D	B	–	–	A	A	A
Acrylonitrile	D	D	D	D	D	D	D	D	D	–	C	A	C
Adipic acid (E 355)	A	A	A	A	A	–	–	–	A	–	A	A	A
Aluminium acetate (aqueous solution)	A	A	B	–	B	D	D	D	D	–	D	A	C
Aluminium chloride (aqueous solution)	A	A	A	A	A	C	A	B	A	–	A	A	A
Aluminium fluoride (aqueous solution)	B	A	A	A	A	C	–	B	A	–	A	A	A
Aluminium nitrate (aqueous solution)	A	A	A	A	A	C	–	B	–	–	A	A	A
Aluminium phosphate (aqueous solution)	A	A	A	A	A	–	–	A	–	–	A	A	A
Aluminium sulphate (aqueous solution)	A	A	A	A	A	D	D	A	A	–	A	A	A
Ammonia (gaseous, cold)	A	A	A	A	A	C	D	A	D	A	D	A	B
Ammonia (gaseous, hot)	D	B	D	D	B	D	D	A	D	–	D	A	B
Ammonia, anhydrous	D	A	B	B	A	D	D	C	D	–	D	A	B
Ammonium carbonate (aqueous solution)	A	–	D	D	A	D	D	–	–	A	A	A	A
Ammonium chloride (aqueous solution)	A	A	A	A	A	A	–	–	–	–	A	A	A
Ammonium hydroxide (concentrated)	D	A	D	–	A	D	D	A	B	–	B	A	A
Ammonium nitrate (aqueous solution)	C	A	A	A	A	D	B	–	–	A	A	A	A

A

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Ammonium nitrite (aqueous solution)	A	A	A	A	A	–	–	B	–	–	A	A	A
Ammonium persulphate (aqueous solution)	A	A	D	D	A	D	D	–	–	–	A	A	A
Ammonium phosphate (aqueous solution)	A	A	A	–	A	–	–	A	–	–	A	A	A
Ammonium sulphate (aqueous solution)	A	A	A	A	A	A	D	–	–	–	B	A	A
Amyl acetate (acetic acid amyl ester)	D	C	D	D	D	D	D	D	D	–	D	A	B
Amyl alcohol (pentanol)	B	A	B	B	B	D	D	D	A	–	B	A	A
Amyl borate	D	D	A	A	A	–	–	–	–	–	A	A	A
Amyl chlornaphtalene	D	D	D	D	D	D	D	D	B	–	A	A	A
Amyl naphtalene	D	D	D	D	D	D	B	D	A	–	A	A	A
Aniline (aminobenzene)	D	A	D	–	D	D	D	D	C	A	C	A	A
Aniline dye	B	A	D	D	B	D	D	C	B	–	B	A	A
Aniline hydrochloride	B	B	B	–	D	D	D	D	B	–	B	A	A
Animal fat	D	B	A	A	B	A	A	B	A	–	A	A	A
Aqua regia	D	C	D	D	D	D	D	D	C	–	B	A	A
Arsenic acid	B	A	A	A	A	C	C	A	A	–	A	A	A
Arsenic trichloride (aqueous solution)	D	C	A	A	A	–	–	–	–	–	D	A	C
Asphalt	D	D	B	–	B	B	B	D	B	–	A	A	A

B

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Banana oil (amyl acetate)	D	C	D	D	D	D	D	D	D	–	D	A	B
Barium chloride (aqueous solution)	A	A	A	A	A	A	A	A	A	–	A	A	A
Barium hydroxide (aqueous solution)	A	A	A	A	A	D	D	A	A	–	A	A	A
Barium sulphate (aqueous solution)	A	A	A	A	A	A	D	A	A	–	A	A	A
Barium sulphide (aqueous solution)	A	A	A	A	A	A	D	A	A	–	A	A	A
Beer	A	A	A	A	A	B	D	A	A	–	A	A	A
Beet sugar liquid	A	A	A	A	B	D	D	A	A	–	A	–	–
Benzaldehyde (artificial bitter almond oil)	D	A	D	D	D	D	D	B	C	B	D	B	C
Benzene	D	D	D	D	D	C	D	D	C	C	A	A	A
Benzine (nitro benzine, ligroin)	D	D	A	–	B	B	A	D	A	–	A	A	A
Benzoic acid (E 210)	D	C	C	–	D	D	C	C	B	–	A	A	A
Benzol sulphonic acid	D	C	D	–	B	D	D	D	B	–	A	B	A
Benzoyl chloride	D	D	D	–	D	–	D	–	B	–	B	A	A
Benzyl alcohol	D	A	D	–	B	D	D	B	B	A	A	A	A
Benzyl benzoate	D	B	D	–	D	–	D	–	A	–	A	A	A
Benzyl chloride	D	D	D	–	D	D	D	D	B	A	A	A	A
Biphenyl (diphenyl, phenylbenzene)	D	D	D	D	D	D	D	D	B	–	A	A	A
Blast furnace gas (furnace gas)	D	D	D	D	D	D	D	A	B	–	A	A	A
Bleach solution	D	A	D	B	D	D	D	B	B	A	A	A	A
Borax solution (disodium tetraborat)	B	A	B	A	A	A	B	B	B	–	A	A	A
Bordeaux mixture	B	A	B	–	B	D	D	B	B	–	A	A	–
Boric acid	A	A	A	A	A	A	D	A	A	–	A	A	A
Bromine trifluoride	D	D	D	D	D	D	D	D	D	–	D	B	C
Bromine water	D	B	D	C	D	D	D	D	B	–	A	A	A
Bromine, anhydrous	D	D	D	–	D	D	D	D	B	–	A	A	A
Bromobenzene	D	D	D	D	D	D	D	D	A	–	A	A	A
Bromochloromethane	D	B	D	D	D	D	D	D	B	–	A	A	A
Bunker oil	D	D	A	A	D	B	A	B	A	–	A	A	A
Butadiene	D	C	D	–	D	D	D	D	B	–	A	A	A

B

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Butane	D	D	A	A	A	A	A	D	A	–	A	A	A
Butter (animal fat)	D	A	A	A	B	A	A	B	A	–	A	A	A
Butyl acetate (acetic acid butylester)	D	C	D	–	D	D	D	D	D	D	D	A	C
Butyl acetylricinoleate	D	A	C	B	B	D	–	–	B	–	A	A	A
Butyl acrylate	D	D	D	D	D	–	D	–	D	–	D	A	C
Butyl alcohol (butanol)	A	B	A	A	A	D	D	B	B	A	A	A	A
Butyl benzoate	C	B	D	–	D	–	D	–	A	–	A	A	A
Butyl ethyl diglycol (CARBITOL)	D	A	D	D	C	–	D	D	D	–	C	A	A
Butyl glycol ether (CELLOSOLVE)	D	A	C	C	C	D	D	–	D	–	D	A	B
Butyl stearate (stearic acid butyl ester)	D	C	B	B	D	–	–	–	B	A	A	A	A
Butylamine	D	B	C	C	D	D	D	D	D	–	D	A	C
Butylene (butene)	D	D	B	D	C	D	D	D	B	–	A	A	A
Butyloleate	D	B	D	D	D	–	–	–	B	–	A	A	A
Butyraldrehyde (butanal)	D	B	D	–	C	D	D	D	D	–	D	B	C

C

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Calcium acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	A	D	A	C
Calcium chloride (aqueous solution)	A	A	A	A	A	A	A	A	A	A	A	A	A
Calcium hydrogen sulphate (aqueous solution)	D	D	D	A	A	A	D	A	A	–	A	A	A
Calcium hydroxide (aqueous solution)	A	A	A	A	A	A	D	A	A	A	A	A	A
Calcium hypochlorite (aqueous solution)	C	A	B	B	C	D	D	B	B	A	A	A	A
Calcium nitrate (aqueous solution)	A	A	A	A	A	A	A	B	A	A	A	A	A
Calcium sulphide (aqueous solution)	B	A	A	A	A	A	D	B	A	A	A	A	A
Cane sugar liquid	A	A	A	–	A	D	D	A	A	–	A	A	A
Carbamate	D	B	C	–	B	D	D	–	A	–	A	A	A
Carbitol (ethyl diglycol)	B	B	B	–	B	D	D	B	B	–	B	A	B
Carbolic acid (phenol)	D	B	D	D	C	C	D	D	A	–	A	A	A
Carbon dioxide	B	B	A	A	B	A	–	B	A	–	A	A	A
Carbon disulphide	D	D	C	D	D	–	C	D	A	A	A	A	A
Carbon monoxide	B	A	A	A	B	A	A	A	B	–	A	A	A
Carbon tetrachloride	D	D	C	B	D	D	D	D	C	D	A	B	B
Carbonic acid	A	A	B	A	A	A	A	A	A	–	A	A	A
Castor oil	A	B	A	A	A	A	A	A	A	A	A	A	A
Cellosolve (ethylene glycol ether)	D	B	D	–	D	D	D	D	D	–	C	A	C
Cellosolve acetate (glycol acetate)	D	B	D	D	D	D	D	D	D	–	D	A	C
Chalk sulphur solution	D	A	D	A	A	–	D	A	A	–	A	A	A
Chalk whitener	A	A	A	A	B	–	D	B	A	–	A	A	A
China wood oil (China tung oil)	D	C	A	A	B	C	–	D	B	–	A	A	–
Chlorine dioxide	D	C	D	D	D	D	D	–	B	–	A	A	A
Chlorine trifluoride	D	D	D	D	D	D	D	D	C	–	D	B	C
Chlorine, dry	D	D	D	C	C	D	D	D	A	–	A	A	A
Chlorine, wet	D	C	D	C	C	D	D	D	B	–	B	A	A
Chloroacetic acid	D	A	D	D	D	D	D	–	D	–	D	A	B
Chloroacetone	D	A	D	D	C	D	D	D	D	–	D	A	B
Chlorobenzene	D	D	D	D	D	D	D	D	B	–	A	A	A
Chlorododecane	D	D	D	D	D	D	D	D	A	–	A	A	A
Chloroform (trichloromethane)	D	D	D	D	D	D	D	D	D	D	A	A	A

C

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Chloroprene (chlorobutadiene)	D	D	D	D	D	D	D	D	B	–	A	A	A
Chlorosulphic acid	D	D	D	–	D	D	D	D	D	A	D	A	B
Chlorotoluene	D	D	D	D	D	D	D	D	B	–	A	A	A
Chlorox (sodium hypochlorite)	D	B	B	B	A	D	D	B	B	–	A	A	A
Chrome plating solution	D	B	D	D	D	D	D	B	B	–	A	A	–
Chromic acid	D	C	D	D	C	D	D	C	C	A	A	A	A
Citric acid	A	A	A	A	A	A	–	A	A	A	A	A	A
Coal tar (creosote)	D	D	A	–	B	C	A	D	A	–	A	–	–
Cobalt dichloride (aqueous solution)	A	A	A	A	A	D	D	B	A	–	A	A	A
Coconut oil	D	C	A	A	B	B	A	A	A	–	A	A	A
Cod liver oil	D	A	A	A	B	A	A	B	A	–	A	A	–
Coke oven gas	D	D	D	D	D	D	D	B	B	–	A	A	A
Copper acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	–	D	A	C
Copper chloride (aqueous solution)	A	A	A	A	B	A	A	A	A	–	A	A	A
Copper cyanide (aqueous solution)	A	A	A	A	A	A	A	A	A	–	A	A	A
Copper sulphate (aqueous solution)	B	A	A	A	A	A	A	A	A	–	A	A	A
Cotton seed oil	D	B	A	A	B	A	A	A	A	A	A	A	–
Creosote coal tar	D	D	A	A	B	C	A	D	A	–	A	A	A
Cresol (methyl phenol)	D	D	D	–	C	D	D	D	B	A	A	A	A
Cresylic acid	D	D	D	A	C	D	D	D	B	A	A	A	A
Cumene (isopropylbenzene)	D	D	D	D	D	D	D	D	B	–	A	A	A
Cyclohexane (hexamethylene)	D	D	A	A	C	A	A	D	B	B	A	A	A
Cyclohexanol (hexahydrophenol, anol)	D	C	C	A	A	–	–	D	A	–	A	A	A
Cyclohexanone (pimelic ketone, anone)	D	B	D	D	D	D	D	D	D	B	D	A	C

D

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Decaline (decahydronaphthalene)	D	D	D	–	D	–	–	D	A	–	A	A	A
Decane	D	D	A	A	D	B	A	B	A	–	A	A	A
Developer fluid (photography)	A	B	A	A	A	–	–	A	A	–	A	A	–
Diacetone	D	A	D	–	D	D	D	D	D	–	D	A	B
Diacetone alcohol	D	A	D	D	B	D	D	B	D	–	D	A	B
Dibenzyl ether	D	B	D	D	C	B	–	–	–	–	D	A	C
Dibenzyl sebacate	D	B	D	D	D	B	D	C	C	–	B	A	A
Dibromethylbenzene	D	D	D	D	D	D	D	D	B	–	B	A	A
Dibutyl ether	D	C	D	D	C	B	C	D	C	–	C	A	B
Dibutyl sebacate (DBS)	D	B	D	D	D	D	D	B	B	–	B	A	A
Dibutylamine	D	C	D	–	D	D	D	C	D	–	D	A	C
Dibutylphthalate (DBP)	D	B	D	D	D	C	D	B	C	–	C	A	A
Dichloro isopropyl ether	D	C	D	D	D	B	C	D	C	–	C	A	B
Dicyclohexylamine	D	D	C	C	D	D	D	–	D	–	D	A	B
Diesel oil	D	D	A	A	C	C	A	D	A	B	A	A	A
Diethyl benzene	D	D	D	–	D	D	–	D	C	–	A	A	A
Diethyl sebacate	D	B	B	C	D	D	D	B	B	–	B	A	A
Diethylamine	B	B	B	–	B	C	D	B	D	–	D	A	B
Diethylene glycol	A	A	A	–	A	D	B	B	A	–	A	A	A
Diisobutylene (isooctene)	D	D	B	A	D	D	D	D	C	–	A	A	A
Diisopropyl ketone	D	A	D	–	D	D	D	D	D	–	D	A	C
Diisopropylbenzene	D	D	D	–	D	–	–	–	B	–	A	A	A

D

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Diisopropyliden acetone (phoron)	D	C	D	–	D	D	D	D	D	–	D	A	C
Dimethyl ether (methyl ether)	D	D	A	A	C	–	D	A	A	–	D	A	C
Dimethyl formamide (DMF)	D	B	B	–	C	D	D	B	D	A	D	A	B
Dimethyl phthalate (DMP)	D	B	D	D	D	–	D	–	B	–	B	A	A
Dimethylaniline (xylidine, aminoxylole)	C	B	C	–	C	D	D	D	D	–	D	A	B
Dinitrotoluene (DNT)	D	D	D	D	D	D	D	D	D	–	D	A	C
Dioctyl sebacate (DOS)	D	B	D	D	D	B	D	C	C	A	B	A	A
Dioctylphthalate (DOP)	D	B	C	–	D	D	D	C	B	B	B	A	A
Dioxane	D	B	D	D	D	D	D	D	C	D	D	A	C
Dioxolane (glycol methyl ether)	D	B	D	D	D	D	D	D	D	D	D	A	C
Dipentene (paint thinner)	D	D	B	B	D	D	D	D	C	–	A	A	–
Diphenyl (biphenyl, phenylbenzene)	D	D	D	D	D	D	D	D	B	B	A	A	A
Diphenyl oxide	D	D	D	D	D	D	D	C	B	B	A	A	A
Dowtherm oil	D	D	D	D	D	C	D	C	B	–	A	A	–

E

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Epichlorohydrin	D	B	D	D	D	D	D	D	D	–	D	B	C
Ethane	D	D	A	–	B	C	A	D	B	–	A	A	A
Ethanolamine (aminoethanol) (MEA)	B	B	B	–	B	C	D	B	D	A	D	A	C
Ethyl (ethanethiol)	D	C	D	–	C	–	–	C	–	–	B	A	A
Ethyl acetate (acetic acid ethyl ester)	D	B	D	–	C	D	D	B	D	D	D	A	C
Ethyl acetoacetate	C	B	D	–	C	D	D	B	D	–	D	A	C
Ethyl acrylate	D	B	D	–	D	D	D	B	D	–	D	A	C
Ethyl alcohol	A	A	A	A	A	D	D	A	A	–	A	A	A
Ethyl alcohol (ethanol)	A	A	A	A	A	D	D	A	A	A	B	A	A
Ethyl benzene	D	D	D	–	D	D	D	D	A	B	A	A	A
Ethyl benzoate	A	A	D	–	D	D	D	D	A	C	A	A	A
Ethyl cellosolve (glycol diethyl ether)	D	D	D	–	D	D	D	D	D	–	D	A	B
Ethyl cellulose	B	B	B	–	B	B	D	C	D	–	D	A	C
Ethyl chloride (chlorethane)	D	C	A	–	D	B	D	D	A	–	A	A	A
Ethyl chlorocarbonate	D	B	D	–	D	D	D	D	B	–	A	A	A
Ethyl chloroformate	D	B	D	–	D	D	D	D	D	–	D	A	–
Ethyl ether (diethyl ether)	D	C	C	–	C	C	D	D	C	–	D	A	C
Ethyl formate (ethyl methanoate)	D	B	D	–	B	–	–	–	A	–	A	B	A
Ethyl oxalate	A	A	D	–	C	A	D	D	B	–	A	A	A
Ethyl pentachlorobenzene	D	D	D	–	D	D	D	D	B	–	A	A	A
Ethyl silicate	B	A	A	–	A	–	–	–	A	–	A	A	A
Ethylendiamene	A	A	A	A	A	D	D	A	D	–	D	B	C
Ethylene (ethene)	C	B	A	–	C	–	–	–	A	–	A	A	A
Ethylene chlorhydrine	B	B	D	–	B	D	D	C	B	A	A	A	A
Ethylene chloride	D	C	D	–	D	D	D	D	C	–	B	A	A
Ethylene glycol (glycol)	A	A	A	A	A	D	C	A	A	–	A	B	A
Ethylene oxide (oxirane, epoxide)	D	C	D	–	D	D	D	D	D	–	D	A	D
Ethylene trichloride	D	C	D	D	D	D	D	D	C	–	A	A	A
Ethyline dichloride (1,2 dichlorethane)	D	C	D	–	D	D	D	D	C	B	A	A	A

F

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Fatty acids	D	C	B	B	B	–	–	C	–	–	A	A	A
Fish oil (train oil)	D	D	A	–	D	–	–	A	A	–	A	A	–
Fluorine (liquid)	D	D	D	–	D	D	D	D	–	–	B	B	–
Fluorobenzene	D	D	D	–	D	D	D	D	B	–	A	A	A
Fluoroboric acid	A	A	A	–	A	–	–	–	–	–	–	A	–
Fluorolube	B	A	A	A	B	–	–	A	B	–	B	B	–
Formaldehyde (RT) (methanal)	B	A	C	B	B	D	D	B	D	A	D	A	C
Formic acid (methanoic acid)	B	A	B	–	A	C	–	B	C	B	C	B	C
Freon 11 (trichloromethane)	D	D	B	B	C	D	–	D	B	–	B	B	–
Freon 112	D	D	B	B	C	–	–	D	–	–	B	B	–
Freon 113 (trichlorotrifluoroethane)	C	C	A	A	A	B	–	D	D	–	C	C	C
Freon 114 (dichlorotetrafluoroethane)	A	A	A	A	A	A	–	D	B	–	B	C	–
Freon 114B2	D	D	B	–	C	–	–	D	–	–	B	C	–
Freon 115 (chloropentafluoroethane)	A	A	A	–	A	–	–	–	–	–	B	C	–
Freon 12 (dichlorodifluoromethane)	B	B	A	A	A	A	A	D	C	–	B	B	–
Freon 13 (chlortrifluormethan)	A	A	A	–	A	–	–	D	D	–	B	A	–
Freon 13B1	A	A	A	–	A	A	–	D	–	–	B	B	–
Freon 142b (difluoroethane)	B	B	A	B	A	–	–	–	–	–	D	C	–
Freon 152a (difluoroethane)	A	A	A	–	A	–	–	–	–	–	D	C	–
Freon 21 (dichlorofluoromethane)	D	D	D	–	D	–	–	D	–	–	D	B	–
Freon 218	A	A	A	–	A	–	–	–	–	–	B	–	–
Freon 22 (dichlorofluoromethane)	B	A	D	–	A	D	B	D	D	–	D	B	–
Freon 31	B	A	D	–	B	–	–	–	–	–	D	B	–
Freon 32	A	A	A	–	A	–	–	–	–	–	D	B	–
Freon 502	A	A	B	–	A	–	–	–	–	–	D	C	–
Freon BF	D	D	B	B	C	–	–	D	–	–	B	B	–
Freon C316	A	A	A	–	A	–	–	–	–	–	B	B	–
Freon C318 (octafluorotetraethylene)	A	A	A	A	A	–	–	–	–	–	B	C	–
Freon MF	D	D	A	B	C	C	–	D	–	–	B	–	–
Freon TA	C	B	A	–	B	A	–	C	–	–	D	C	–
Freon TC	D	B	A	–	A	A	–	D	–	–	B	B	–
Freon TF	D	D	A	A	A	A	–	D	–	D	B	C	–
Freon TMC	D	C	B	–	C	B	–	C	–	–	B	B	–
Freon T-P35	A	A	A	–	A	A	–	A	–	–	B	B	–
Freon T-WD602	D	B	B	–	B	A	–	D	–	–	B	B	–
Fuel oil	D	D	A	A	B	B	A	D	A	–	A	A	–
Fumaric acid	C	B	A	A	B	–	D	B	A	–	A	A	–
Furan	D	C	D	D	D	–	D	–	–	–	D	A	C
Furfural (furfurol)	D	B	D	D	C	C	D	D	–	B	D	B	C
Fyrquel (cellulube)	D	A	D	D	D	D	D	A	C	–	A	–	–

G

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Gallic acid	A	B	B	B	B	D	D	–	A	–	A	A	A
Gelatine	A	A	A	–	A	D	D	A	A	–	A	A	A
Generator gas	D	D	A	–	B	A	B	B	B	–	A	A	A
Glauber salt (aqueous solution)	B	B	D	D	B	–	D	–	A	–	A	A	A
Glucose (dextrose, grape sugar)	A	A	A	A	A	D	–	A	A	–	A	A	A
Glue (DIN 16920)	B	A	A	–	A	A	–	A	A	–	A	–	A

G

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Glycerine (glycerole, E422)	A	A	A	–	A	A	C	A	A	A	A	A	A
Glycol (1,2-diol)	A	A	A	A	A	D	D	A	A	–	A	A	A
Green sulphate broth	B	A	B	B	B	A	B	A	B	–	A	B	–

H

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Halowax oil	D	D	D	D	D	–	–	D	A	–	A	B	–
Hexafluorosilicic acid	B	B	A	A	B	–	–	D	D	–	A	A	A
Hexane	D	D	A	A	B	B	A	D	A	–	A	A	A
Hexanol	B	C	A	–	B	D	D	B	B	–	A	A	A
Hydraulic oils (mineral oil-based)	D	D	A	A	B	A	A	C	A	–	A	A	A
Hydrazine (diamide, diazane)	A	A	B	D	B	D	–	C	D	–	D	B	C
Hydrobromic acid	A	A	D	D	D	D	D	D	C	–	A	A	A
Hydrobromic acid (40%)	A	A	D	–	B	D	D	D	C	–	A	A	A
Hydrochloric acid (cold) 37%	B	A	C	–	B	D	D	C	B	A	A	A	A
Hydrochloric acid (hot) 37%	D	C	D	–	D	D	D	D	C	B	B	A	–
Hydrocyanic acid	B	A	B	B	B	–	D	C	B	–	A	A	A
Hydrofluoric acid, anhydrous	D	C	D	–	D	D	D	D	D	–	D	A	C
Hydrofluoric acid, concentrated (cold)	D	C	D	–	D	C	D	D	D	A	A	A	–
Hydrofluoric acid, concentrated (hot)	D	D	D	–	D	D	D	D	D	–	D	A	C
Hydrogen gas	B	A	A	–	A	A	B	C	C	–	A	A	A
Hydrogen peroxide (90%)	D	B	D	B	D	–	D	B	B	–	B	A	A
Hydrogen sulphide (wet) cold	D	A	D	A	B	–	D	C	C	–	D	A	C
Hydrogen sulphide (wet) hot	D	A	D	D	C	–	D	C	C	–	D	A	C
Hydroquinone	B	B	C	D	D	–	D	–	B	–	B	B	A
Hypochlorous acid	B	B	D	D	D	–	D	–	–	–	A	A	–

I

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Iodine pentafluoride	D	D	D	D	D	D	D	D	D	–	D	B	C
Iodoform (triodomethane, antiseptic)	D	D	–	–	D	–	–	–	–	–	C	A	B
i-propylacetate	D	B	D	–	D	D	D	D	D	–	D	A	–
Iron (III) chloride (aqueous solution)	A	A	A	A	A	A	A	B	A	–	A	A	A
Iron (III) nitrate (aqueous solution)	A	A	A	A	A	A	A	C	A	–	A	A	A
Iron (III) sulphate (aqueous solution)	A	A	A	A	A	A	A	B	A	–	A	A	A
Isobutyl alcohol (isobutanol)	A	A	B	B	A	D	D	A	B	–	A	A	A
Isooctane	D	D	A	A	B	B	A	D	A	B	A	A	A
Isophorone	D	C	D	D	D	C	D	D	D	B	D	A	C
Isopropyl alcohol (isopropanol)	A	A	B	B	B	C	D	A	B	–	A	A	A
Isopropyl chloride	D	D	D	D	D	D	D	D	B	–	A	A	A
Isopropyl ether	D	D	B	B	C	B	C	D	C	D	D	A	C
Isopropylacetate	D	B	D	D	D	D	D	D	D	–	D	A	B

K

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Kerosene (lamp kerosene; DIN 51636)	D	D	A	A	B	A	A	D	A	A	A	A	A

L

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Lactic acid (cold)	A	A	A	–	A	–	D	A	A	–	A	A	A
Lactic acid (hot)	D	D	D	–	D	–	D	B	B	–	A	A	A
Lard (animal fat)	D	B	A	A	B	A	A	B	A	–	A	A	–
Lavender oil	D	D	B	B	D	D	B	D	B	–	A	A	A
Lead acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	–	D	A	B
Lead nitrate (aqueous solution)	A	A	A	A	A	–	–	B	A	–	A	A	A
Lead sulphamate (aqueous solution)	B	A	B	–	A	–	D	B	A	–	A	A	–
Ligroin (nitrobenzene)	D	D	A	A	B	B	A	D	A	–	A	A	A
Lindol (hydraulic fluid)	D	A	D	A	D	D	D	C	C	–	B	A	–
Linoleic acid	D	D	B	B	D	–	–	B	–	–	B	A	A
Linseed oil	D	C	A	A	B	B	A	A	A	–	A	A	A
Lubricating oil, petroleum	D	D	A	D	B	B	A	D	A	–	A	A	A
Lye (alkaline solution)	B	A	B	B	B	D	D	B	A	–	B	A	–

M

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Magnesium chloride (aqueous solution)	A	A	A	A	A	A	A	A	A	A	A	A	A
Magnesium hydroxide (aqueous solution)	B	A	B	B	A	D	D	–	–	–	A	A	A
Magnesium sulphate (aqueous solution)	B	A	A	–	A	–	D	A	A	–	A	A	A
Maize oil	D	C	A	A	C	A	A	A	A	–	A	A	A
Maleic acid (butenedioic acid)	C	B	D	D	C	–	D	–	–	–	A	A	A
Maleic anhydride (MSA)	C	B	D	D	C	–	D	–	–	–	D	A	B
Malic acid	C	B	A	A	C	–	D	B	A	–	A	A	A
Mercury	A	A	A	A	A	A	–	–	–	–	A	A	A
Mercury (III) chloride (aqueous solution)	A	A	A	A	A	–	–	–	–	–	A	A	A
Mesityl oxide	D	B	D	D	D	D	D	D	D	D	D	A	C
Methane	D	D	A	A	B	C	A	D	B	–	A	A	A
Methyl acetate (acetic acid methyl ester)	C	A	D	D	B	D	D	D	D	–	D	A	B
Methyl acrylate	D	B	D	–	B	D	D	D	D	–	D	A	C
Methyl alcohol (methanol)	A	A	A	A	A	D	D	A	A	A	D	A	A
Methyl bromide (bromomethane)	D	D	B	B	D	–	–	–	A	–	A	A	A
Methyl butyl ketone (propyl acetone)	D	A	D	D	D	D	D	C	D	–	D	A	B
Methyl cellosolve (methylene glycol ether)	D	B	C	C	C	D	D	D	D	A	D	A	B
Methyl chloride (monochloromethane)	D	C	D	D	D	D	D	D	B	–	B	A	A
Methyl ether (dimethyl ether)	D	D	A	A	C	–	D	A	A	–	D	A	B
Methyl ethyl ketone (MEK)	D	A	D	–	C	D	D	D	D	D	D	A	B
Methyl formate (methyl methanoate)	D	B	D	D	B	–	–	–	–	–	D	A	B
Methyl isobutyl ketone (MIBK)	D	B	D	D	D	D	D	D	D	D	D	A	B
Methyl methacrylate (MMA)	D	C	D	D	D	–	D	D	D	–	D	A	B
Methyl oleate	D	B	D	D	D	–	–	–	B	–	B	A	A
Methyl pentane	D	D	D	D	D	D	D	D	B	–	A	A	A
Methyl salicylate (salicyclin acid methyl ester)	C	B	D	–	D	–	–	–	–	C	B	A	A
Methylene chloride (dichloromethane)	D	C	D	–	D	D	D	D	B	B	B	A	B
Milk	A	A	A	A	A	D	D	A	A	A	A	A	A
Mineral oil	D	C	A	A	B	A	A	B	A	A	A	A	A
Monochlorobenzene	D	D	D	D	D	D	D	D	B	–	A	A	A
Monoethanolamine	B	A	D	–	D	D	D	B	D	–	D	A	B

M

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Monomethyl aniline (MMA)	D	B	D	D	D	D	D	–	–	–	B	A	A
Monomethyl ether	D	D	A	–	C	–	D	A	A	–	D	A	A
Mustard gas	A	A	–	–	A	–	–	A	–	–	A	A	–

N

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Naphtalene	D	D	D	D	D	B	–	D	A	A	A	A	A
Naphtha	D	D	B	B	C	B	B	D	B	–	A	A	A
Naphthenic acid	D	D	B	–	D	–	–	D	A	B	A	A	A
Natural gas	B	D	A	A	A	B	B	A	D	–	A	A	A
Neville Winthers acid	D	B	D	D	D	–	D	D	B	–	A	A	A
n-hexaldehyde	D	A	D	–	A	B	–	B	D	–	D	A	C
n-hexene-1	D	D	B	B	B	B	A	D	A	–	A	A	A
Nickel acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	–	D	A	B
Nickel chloride (aqueous solution)	A	A	A	A	A	C	C	A	A	–	A	A	A
Nickel sulphate (aqueous solution)	B	A	A	A	A	C	D	A	A	–	A	A	A
Nitirc acid, red fumes	D	D	D	D	D	D	D	D	D	B	C	B	A
Nitric acid (concentrated)	D	D	D	D	D	D	D	D	C	B	B	A	A
Nitric acid (diluted)	D	B	D	–	B	C	D	B	B	B	A	A	A
Nitrobenzene	D	A	D	D	D	D	D	D	D	A	B	A	A
Nitrobenzene (petroleum ether)	D	D	A	A	B	B	A	D	A	–	A	A	–
Nitroethane	B	B	D	–	C	D	D	D	D	B	D	A	C
Nitrogen	A	A	A	–	A	A	A	A	A	A	A	A	A
Nitrogen tetroxicide	D	C	D	D	D	D	D	D	D	–	D	A	C
Nitromethane	B	B	D	D	B	D	D	D	D	–	D	A	C
n-octane	D	D	B	–	B	D	D	D	B	–	A	A	A
n-propylacetate (acetic acid propyl ester)	D	B	D	–	D	D	D	D	D	–	D	A	C

O

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
o-chlornaphtalene	D	D	D	–	D	D	D	D	B	–	A	A	A
Octa chlorotoluene	D	D	D	–	D	D	D	D	B	–	A	A	A
Octa decane	D	D	A	D	B	A	B	D	A	–	A	A	A
Octyl alcohol (octanol)	B	C	B	B	A	D	D	B	B	–	A	A	A
o-dichlorobenzene	D	D	D	–	D	D	D	D	B	–	A	A	A
Oleic acid	D	D	C	A	C	B	D	D	–	A	B	A	A
Olive oil	D	B	A	A	B	A	A	C	A	–	A	A	A
Oxalic acid (ethane diacide, clover acid)	B	A	B	B	B	–	–	B	A	–	A	A	A
Oxygen, (93–204°C)	D	C	D	D	D	D	D	B	D	–	B	A	–
Oxygen, cold	B	A	B	D	A	A	B	A	A	–	A	A	A
Ozone	D	A	D	D	C	A	B	A	B	A	A	A	A

P

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Paint	D	D	B	B	D	C	D	D	B	–	A	A	A
Paint (cellulose paint)	D	D	D	D	D	D	D	D	D	–	D	A	B
Paint thinner	D	D	D	D	D	D	D	D	D	D	D	A	B
Palmitic acid (n-hexadecanoic acid)	B	B	A	A	B	A	–	D	A	–	A	A	A
Paraffin oil (white oil)	D	D	A	A	B	A	A	D	A	–	A	A	A
p-cymene	D	D	D	–	D	D	D	D	B	–	A	A	A
Peanut oil	D	C	A	–	C	B	A	A	A	–	A	A	–
Perchloric acid	D	B	D	–	B	D	D	D	A	–	A	A	A
Petroleum gas, liquid (LPG)	D	D	A	A	B	A	C	C	C	–	A	A	A
Petroleum, < 121°C	D	D	A	–	B	B	B	B	B	–	A	A	A
Petroleum, > 121°C	D	D	D	–	B	D	D	D	D	–	B	A	–
Phenol (carbolic acid)	D	B	D	D	C	C	D	D	A	A	A	A	A
Phenylbenzene	D	D	D	D	D	D	D	D	B	–	A	A	A
Phenylethyl ether	D	D	D	D	D	D	D	D	D	–	D	A	B
Phenylhydrazine	A	B	D	–	D	D	D	–	–	–	B	A	B
Phoron (diisopropyliden acetone)	D	C	D	D	D	D	D	D	D	–	D	A	C
Phosphorus trichloride	D	A	D	D	D	–	–	–	A	–	A	A	A
Phosporic acid (20%)	B	A	B	–	B	A	–	B	B	–	A	A	A
Phosporic acid (45%)	C	A	D	–	B	A	–	C	B	A	A	A	A
Pickling solution	D	C	D	–	D	D	D	D	D	–	B	–	A
Picric acid (2,4,6-trinitrophenol)	B	B	B	–	A	B	–	D	B	–	A	A	A
Pinene	D	D	B	–	C	B	D	D	B	–	A	A	A
Piperidine (hexahydropyridine)	D	D	D	–	D	D	D	D	D	–	D	A	C
Plant oil	D	C	A	A	C	–	A	B	A	–	A	A	A
Plating solution for chrome	D	A	–	D	D	–	–	D	–	–	A	A	A
Plating solution for other metals	D	A	A	A	D	–	–	D	–	–	A	A	A
Polyvinyl acetate emulsion	B	A	–	–	B	–	–	–	–	–	–	–	–
Potassium acetate (aqueous solution)	A	A	B	–	B	D	D	D	D	A	D	A	C
Potassium chloride (aqueous solution)	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium chromate (aqueous solution)	B	A	A	A	A	B	A	A	A	–	A	A	A
Potassium copper cyanide (aqueous solution)	A	A	A	A	A	A	A	A	A	–	A	A	A
Potassium cyanide (aqueous solution)	A	A	A	A	A	A	A	A	A	–	A	A	A
Potassium hydroxide (aqueous solution)	B	A	B	B	B	D	D	C	C	A	D	A	A
Potassium nitrate (aqueous solution)	A	A	A	A	A	A	A	A	A	A	A	A	A
Potassium sulphate (aqueous solution)	B	A	A	A	A	A	D	A	A	–	A	A	A
Propane	D	D	A	A	B	C	A	D	B	–	A	A	A
Propyl acetone (methyl butyl ketone)	D	A	D	D	D	D	D	C	D	–	D	A	B
Propyl alcohol (propanol)	A	A	A	A	A	D	D	A	A	A	A	A	A
Propyl nitrate	D	B	D	A	D	–	D	D	D	–	D	A	B
Propyline (propene)	D	D	D	D	D	D	D	D	B	–	A	A	A
Propyline oxide	D	B	D	D	D	D	D	D	D	–	D	A	D
Pyridine	D	B	D	D	D	–	D	D	D	–	D	A	C
Pyroligneous acid	D	B	D	D	B	D	D	–	D	–	D	–	C
Pyrroline	C	C	D	–	D	–	D	B	C	–	D	A	B

R

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Radiation	C	B	C	C	B	C	C	C	D	–	C	–	C
Rapeseed oil	D	A	B	B	B	B	B	D	A	–	A	A	A
RJ-1 (Mil-F-25558B)	D	D	A	A	B	A	A	D	A	–	A	A	–
RP-1 (Mil-R-25576C)	D	D	A	A	B	A	A	D	A	–	A	A	–

S

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Sal ammoniac (ammonium chloride)	A	A	A	A	A	A	A	B	A	–	A	A	A
Salicyclic acid (2-hydroxybenzoic acid)	A	A	B	B	A	–	–	–	A	–	A	A	A
Salt water	A	A	A	A	B	B	D	A	A	–	A	A	A
Silicate ester	D	D	B	B	A	A	–	D	A	–	A	A	A
Silicone grease	A	A	A	A	A	A	A	C	A	–	A	A	A
Silicone oil	A	A	A	A	A	A	A	C	A	–	A	A	A
Silver nitrate	A	A	B	B	A	A	A	A	A	–	A	A	A
Soap solution	B	A	A	A	B	C	D	A	A	–	A	A	A
Soda, crystal water anhydrous	A	A	A	A	A	–	–	A	A	–	A	A	A
Sodium acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	–	D	A	A
Sodium bicarbonate (aqueous solution)	A	A	A	A	A	–	–	A	A	–	A	A	–
Sodium bisulphate (aqueous solution)	A	A	A	A	A	–	D	A	A	A	A	–	–
Sodium borate (aqueous solution)	A	A	A	A	A	–	–	A	A	A	A	A	A
Sodium chloride (aqueous solution)	A	A	A	A	A	A	–	A	A	A	A	A	A
Sodium cyanide (aqueous solution)	A	A	A	A	A	–	–	A	A	–	A	A	A
Sodium hydroxide (aqueous solution)	A	A	B	B	A	D	C	B	B	A	B	A	A
Sodium hypochlorite (aqueous solution)	D	B	B	B	A	D	D	B	B	A	A	A	A
Sodium metaphosphate (aqueous solution)	A	A	A	A	B	–	–	–	A	–	A	A	A
Sodium nitrate (aqueous solution)	B	A	B	–	B	–	–	D	–	A	A	A	A
Sodium perborate (aqueous solution)	B	A	B	B	B	–	–	B	A	–	A	A	A
Sodium peroxide (aqueous solution)	B	A	B	B	B	D	D	D	A	–	B	A	A
Sodium phosphate (aqueous solution)	A	A	A	A	B	A	A	D	–	A	A	A	A
Sodium silicate (aqueous solution)	A	A	A	A	A	–	–	–	–	A	A	A	A
Sodium sulphate (aqueous solution)	B	A	A	D	A	A	D	A	A	A	A	A	A
Sodium thiosulphate (aqueous solution)	B	A	B	–	A	A	D	A	A	–	A	A	A
Soya oil (soya bean oil)	D	C	A	A	B	B	A	A	A	–	A	A	A
Stearic acid (octadecanoic acid)	B	B	B	B	B	A	–	B	–	A	A	A	A
Styrene, monomer (phenylethylene)	D	D	D	D	D	C	D	D	C	B	B	A	A
Sucrose solution (cane sugar)	A	A	A	B	B	D	D	A	A	–	A	A	–
Sulphite lye	B	B	B	–	B	–	D	D	B	–	A	A	A
Sulphur	D	A	D	D	A	–	D	C	A	–	A	A	A
Sulphur chloride (aqueous solution)	D	D	C	D	C	–	D	C	A	–	A	A	A
Sulphur dioxide (dry)	B	A	D	D	D	–	D	B	B	B	B	A	A
Sulphur dioxide (liquid under pressure)	D	A	D	D	D	–	D	B	B	–	B	A	–
Sulphur dioxide (wet)	D	A	D	D	B	–	D	B	B	–	B	A	A
Sulphur hexafluoride	D	A	B	B	A	–	D	B	B	–	A	B	B
Sulphur trioxide	B	B	D	D	D	–	D	B	B	–	A	A	A
Sulphuric acid (20% oleum)	D	D	D	B	D	D	D	D	D	A	A	A	A
Sulphuric acid (concentrated)	D	C	D	–	D	D	D	D	D	A	A	A	A
Sulphuric acid (diluted)	C	B	C	–	B	C	B	D	C	A	A	A	A
Sulphurous acid	B	B	B	B	B	C	D	D	–	–	C	A	B

T

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Tannic acid (tannin)	A	A	A	A	A	A	D	B	–	–	A	A	A
Tar, bituminous	D	C	B	B	C	–	D	B	A	–	A	A	A
Tartaric acid	C	B	A	A	B	A	–	A	A	–	A	A	A
Terpineol	D	C	B	B	D	B	–	–	A	–	A	A	A
Tetra bromoethane	D	D	D	D	D	–	D	D	B	–	A	A	A
Tetrabromomethane (carbon tetrabromide)	D	D	D	–	D	–	–	D	B	–	A	A	A
Tetrachloroethylene (PER)	D	D	D	D	D	D	D	D	B	D	A	A	A
Tetraethyl lead	D	D	B	B	B	–	–	–	B	–	A	A	A
Tetrahydrofuran (THF)	D	C	D	D	D	C	D	D	D	D	D	A	C
Tetralin (tetrahydronaphthalene)	D	D	D	D	D	–	–	D	A	–	B	A	–
Thionyl chloride (sulphurous acid dichloride)	D	C	D	–	D	D	D	–	–	–	B	A	A
Tin chloride (aqueous solution)	A	A	A	A	A	–	–	B	A	–	A	A	A
Tin tetrachloride (aqueous solution)	A	A	A	A	B	–	–	B	A	–	A	A	A
Titanium tetrachloride	D	D	B	B	D	D	D	D	B	–	A	A	A
Toluene (methyl benzene)	D	D	D	D	D	D	D	D	B	D	B	A	A
Toluene diisocyanate (TDI)	D	B	D	D	D	–	D	D	D	–	D	A	C
Transformer oil	D	D	A	A	B	A	B	B	A	–	A	A	A
Triacetin (glycerin triacetate)	B	A	B	B	B	D	D	–	D	–	D	A	B
Tributoxyethyl phosphate	B	A	D	D	D	D	D	–	B	–	A	A	A
Tributyl mercaptan	D	D	D	–	D	–	D	D	C	–	A	A	A
Tributyl phosphate (TBP)	B	B	D	D	D	D	D	D	D	A	D	A	C
Trichloroacetic acid (TCA)	C	B	B	B	D	D	D	–	D	–	D	A	B
Trichloroethane	D	D	D	D	D	D	D	D	B	–	A	A	A
Trichloroethylene (trichloroethen, tri) (TCE)	D	D	D	C	D	D	D	D	B	D	A	A	A
Tricresyl phosphate (TCP)	D	D	D	D	C	D	D	C	B	A	A	A	A
Triethanolamine (TEA)	B	A	B	C	A	D	D	–	D	A	D	B	C
Triethylaluminium (aluminium triethyl)	D	C	D	–	D	D	D	–	–	–	B	A	A
Triethylborane	D	C	D	–	D	D	D	–	–	–	A	A	A
Trinitrotoluene (TNT)	D	D	D	D	B	–	D	–	B	–	B	A	A
Trioctyl phosphate	D	A	D	–	D	D	D	C	B	–	B	A	A
Tung oil (China wood oil)	D	C	A	A	B	C	–	D	B	–	A	A	–
Turbine oil	D	D	B	A	D	A	A	D	B	–	A	A	–
Turpentine	D	D	A	A	D	D	B	D	B	C	A	A	A

U

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Unsymmetrical dimethylhydrazine	A	A	B	B	B	–	–	D	D	–	D	B	C

V

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Vinegar	B	A	B	B	B	D	D	A	C	–	A	A	A
Vinyl chloride (chloroethylene, chloroethene)	D	D	D	–	D	D	D	–	–	B	A	A	A

W

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Waste water (in accordance with DIN 4045)	B	B	A	A	B	D	D	B	A	–	A	A	A
Water	A	A	A	A	A	C	D	A	A	A	A	A	A
Water vapour (< 149°C)	D	A	D	D	C	D	D	C	D	A	D	A	–
Water vapour (> 149°C)	D	C	D	D	D	D	D	D	D	–	D	A	–
Whisky and wine	A	A	A	A	A	B	D	A	A	–	A	A	A

X

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Xylene (xylene, dimethyl benzene)	D	D	D	D	D	D	D	D	A	C	A	A	A
Xylidine (amino xylene, dimethylaniline)	C	B	C	C	C	D	D	D	D	–	D	A	C

Z

Medium	NR	EPDM	NBR	HNBR	CR	AU	ACM	VMQ	FVMQ	TFE/P	FKM	FFKM	ETP
Zeolite	A	A	A	A	A	–	–	–	A	–	A	A	A
Zinc acetate (aqueous solution)	A	A	B	B	B	D	D	D	D	–	D	A	B
Zinc chloride (aqueous solution)	A	A	A	A	A	A	D	A	A	A	A	A	A
Zinc sulphate (aqueous solution)	B	A	A	A	A	–	D	A	A	A	A	A	A