

## Resistance Table

0 - totally resistant  
1 - slightly resistant  
2 - not resistant

EPDM=ethylene propylene diene Monomer (M-class) rubber  
FFKM=Perfluor rubber (Kalrez)  
FPM o.FKM=Fluororubber(Viton)  
NBR=Nitrile rubber  
PTFE=polytetrafluoroethylene

Coll. Name	Trade name	Formula	Elastomere				
			EPDM	FFKM	FPM	NBR	PTFE
Aceticacid 50%		CH <sub>3</sub> COOH	2	0	2	2	0
Acetone	Propanone, dimethylketone	C <sub>3</sub> H <sub>6</sub> O	0	0	2	2	0
Acetone	Acetone	C <sub>3</sub> H <sub>6</sub> O	0	0	2	2	0
Acetylene	Ethine	C <sub>2</sub> H <sub>2</sub>	0	0	1	1	0
Activeoxygen		O <sub>3</sub>	0	0	0	2	0
Air			0	0	0	0	0
Aircraftenginefuels IP3...IP6			2	0	1	1	0
Alkyne	Acetylene	C <sub>2</sub> H <sub>2</sub>	0	0	1	1	0
Ammonia, gaseous	Nitrogen trihydride	NH <sub>3</sub>	0	0	2	1	0
Ammonia, liquid	Nitrogen trihydride	NH <sub>3</sub>	0	0	2	1	0
Aniline	Aminobenzene	C <sub>6</sub> H <sub>7</sub> N	1	0	1	2	0
Anol	Cyclohexanol	C <sub>6</sub> H <sub>11</sub> OH	2	0	0	1	0
Argon, gaseous		Ar	0	0	0	0	0
ATE brakefluid			0	0	1	2	0
Azoticacid, concentrated		HNO <sub>3</sub>	2	1	1	2	0
Beer			0	0	0	1	0
Benzene	Benzene	C <sub>6</sub> H <sub>6</sub>	2	0	1	2	0
Borax	Sodium borate	Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub>	0	1	0	1	0
Boricacid	Boric acid solution	H <sub>3</sub> BO <sub>3</sub>	0	0	0	0	0
Brine	Salt water	NaCl,H <sub>2</sub> O	0	0	0	0	0
Bromine		Br	2	0	1	2	0
Butane	R 600	C <sub>4</sub> H <sub>10</sub>	2	0	0	0	0
Canesugarjuice	Beet sugar juice	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	0	0	1	0	0
Carbondioxide, dry		CO <sub>2</sub>	1	0	0	0	0
Carbondioxide, wet		CO <sub>2</sub>	1	0	0	1	0
Causticsoda		NaOH	0	0	1	1	0
Chlorine 100°C			1	1	1	2	0
Chlorinewater			1	1	1	2	0
Chloroform	Chloroform	CHCl <sub>3</sub>	2	0	1	2	0
Chromicacid		H <sub>2</sub> CrO <sub>4</sub>	1	0	1	2	0
Citricacid		C <sub>6</sub> H <sub>8</sub> O <sub>7</sub>	1	0	1	1	0
Coconutoil			2	0	1	1	0
Coffee			1	0	0	0	0
Cokeovengas	City gas, illuminating gas		2	0	0	1	0
Cookingsalt	Sodium chloride		0	0	0	0	0
Creosote			2	2	0	1	0
Crudeoil			2	0	0	1	0
Crudeoil			2	0	0	1	0
Diazetonealcohol		C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>	0	0	2	2	0
Dichlorobenzene		C <sub>6</sub> H <sub>4</sub> Cl <sub>2</sub>	2	0	0	2	0
Dieselfuel		C <sub>11</sub> ...C <sub>20</sub>	2	0	0	0	0
Diethyleneglycol		C <sub>2</sub> H <sub>5</sub> O	0	0	0	1	0
Dimethylketone	Acetone, propanone	C <sub>3</sub> H <sub>6</sub> O	0	0	2	2	0
Ethane	Ethane	C <sub>2</sub> H <sub>6</sub>	2	1	0	0	0
Ethane	Ethane	C <sub>2</sub> H <sub>6</sub>	2	1	0	0	0
Ethanediol	Ethylene glycol, ethanediol	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	0	0	1	0	0
Ethanol	Ethanol,ethyl alcohol	C <sub>2</sub> H <sub>5</sub> OH	0	0	1	1	0
Ethine	Acetylene	C <sub>2</sub> H <sub>2</sub>	0	0	1	1	0
Ethylacetate	Ethyl acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	1	0	2	2	0
Ethylacetate	Ethyl acetate	C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>	1	0	2	2	0
Ethylalcohol	Ethanol	C <sub>2</sub> H <sub>5</sub> OH	0	0	1	1	0
Ethylalcohol	Ethanol	C <sub>2</sub> H <sub>5</sub> OH	0	0	1	1	0
Ethylbenzene	Ethylbenzene	C <sub>8</sub> H <sub>10</sub>	2	1	1	2	0
Ethylbenzene	Ethylbenzene	C <sub>7</sub> H <sub>8</sub>	2	1	1	2	0
Ethylene	Ethene	C <sub>2</sub> H <sub>4</sub>	1	0	1	1	0
Ethylene	Ethene	C <sub>2</sub> H <sub>4</sub>	1	0	1	1	0
Ethyleneglycol	Ethylene glycol, ethanediol	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	0	0	1	0	0
Ethyleneglycol	Ethanediol	C <sub>2</sub> H <sub>6</sub> O <sub>2</sub>	0	0	1	0	0

Ethylenetrichloride	Trichloroethylene, Tri	$C_2HCl_3$	2	1	1	2	0
Ethylethanoate	Ethyl ethanoate	$C_4H_8O_2$	1	0	2	2	0
Fattyacid 100°C		$C_{18}H_{36}O_2$	1	0	0	1	0
Ferricchloride		$FeCl_2$	0	0	0	0	0
Formicacid	Methanoic acid	$HCOOH$	1	1	2	2	0
Freon 11, 13, 14, 32			1	1	1	1	0
Freon 22, 31, 114, 115			0	1	1	1	0
Fruitjuices			0	1	1	0	0
Gasoil		$C_{11}...C_{20}$	2	0	0	0	0
Gearoil			2	0	0	0	0
Gelatine			0	0	0	0	0
Glucose		$C_6H_{12}O_6$	0	0	0	0	0
Glue	Bone glue		1	0	0	0	0
Glycerin		$C_3H_8O_3$	0	0	1	1	0
Glycol		$C_2H_6O_2$	0	0	1	0	0
Glycolicacid	Hydroxyacetic acid	$C_2H_4O_3$	0	1	1	0	0
Grease		Fette	2	0	0	0	0
Heatingoil, light 80°C			2	0	0	1	0
Helium, gaseous		He	0	0	0	0	0
Heptane		$C_7H_{16}$	2	0	0	1	0
Hexane		$C_6H_{14}$	2	0	0	1	0
Hotwater 80°C		$H_2O$	0	0	1	0	0
Hydraulicfluids (various)							0
Hydraulicfluidsbiological	Ester basis degradable		2	2	0	0	0
Hydraulicfluidsbiological	Rape-oil degradable						0
Hydrochloricacid, concentrated		HCl	1	0	1	2	0
Hydrochloricacid, diluted		HCl	0	0	0	1	0
Hydrogen, gaseous		$H_2$	1	0	1	0	0
Illuminatinggas	Coke oven gas, city gas		2	0	0	1	0
Ink, indiaink			0	0	1	1	0
Isobutylalcohol	Isobutanol	$C_4H_{10}O$	0	0	1	0	0
Isocyanate			2	1	0	2	0
Isooctane		$C_8H_{18}$	2	0	0	0	0
Isopropylalcohol	Isopropanol	$C_3H_8O$	1	0	1	1	0
Kerosine		$C_{10}...C_{16}$	2	0	0	1	0
Linseedoil	Linseed oil		2	0	0	0	0
Liquid							0
Lubricatingoil			2	0	0	0	0
Machineoil	Mineral oil		2	0	0	0	0
Magnesiumchloride		$MgCl_2$	0	0	0	0	0
Margarine			2	0	0	0	0
Menthol		$C_{10}H_{20}O$	1	2	0	1	0
Mercurous(I)-chloride	Calomel	$Hg_2Cl_2$	0	0	0	0	0
Mercurous(II)-chloride	Sublimate	$HgCl_2$	0	0	0	0	0
Mercury		Hg	0	0	1	0	0
Methane	Mine gas	$CH_4$	2	0	0	0	0
Methanol	Methyl alcohol	$CH_3OH$	1	1	1	1	0
Methylchloride			2	0	2	2	0
Milk			1	0	0	0	0
Mineraloilbasis			2	0	0	0	0
Molasses			0	0	1	0	0
Naphtha	Petroleum		2	0	0	1	0
Naphthaline	Naphthalene	$C_{10}H_8$	2	0	0	2	0
Nitrobenzene	Nitrobenzene	$C_6H_5NO_2$	2	0	2	2	0
Nitroglycol	Ethylene glycol dinitrate	$C_2H_4N_2O_6$	0	0	0	2	0
Noble gases	Argon, helium, neon	Ar, He, Ne	0	0	0	0	0
Octane		$C_8H_{18}$	2	2	0	1	0
Oil-in-wateremulsion HFA			2	0	0	0	0
Oleicacid 100°C	Oleic acid	$C_{18}H_{34}O_2$	2	0	0	0	0
Oliveoil			1	0	0	0	0
Paraffin		$C_nH_{2n+2}$	2	0	0	0	0
Paraffin oil		$C_nH_{2n+2}$	2	0	0	0	0
Pectin			0	0	0	0	0
Pentanol	Amyl alcohol	$C_5H_{12}O$	0	0	1	1	0
Petroleum			2	0	0	0	0
Phenol		$C_6H_5OH$	2	0	1	2	0
Phosph.-ester-basis	flame resistant		0	0	1	2	0
Phosphoricacid, concentrated		$H_3PO_4$	1	0	0	2	0
Phosphoricacid, diluted		$H_3PO_4$	0	0	0	1	0
Photofixingbath	Sodium thiosulfate	$Na_2S_2O_3$	0	0	0	1	0
Potash	Potassium carbonate	$K_2CO_3$	0	0	0	1	0
Potassiumcarbonate	Potash	$K_2CO_3$	0	0	0	1	0
Potassiumchloride		$CaCl_2$	2	2	0	0	0
Potassiumsulfate		$K_2SO_4$	0	0	0	0	0
Propane		$C_3H_8$	2	0	1	0	0
Propylene		$C_3H_6$	2	0	1	1	0
Rape-oil			0	0	0	1	0
Salmiac		$NH_4OH$	0	0	0	0	0

Saltwater	Brine	NaCl.H <sub>2</sub> O	0	0	0	0	0
Seawater			0	0	0	0	0
Silicongrease		(C <sub>2</sub> H <sub>6</sub> OSi) <sub>n</sub>	0	0	0	0	0
Siliconoil		(C <sub>2</sub> H <sub>6</sub> OSi) <sub>n</sub>	0	0	0	0	0
Skydrol 7000	Hydraulic fluid		0	2	1	2	0
Soda	Sodium carbonate	Na <sub>2</sub> CO <sub>3</sub>	0	0	0	0	0
Sodiumcarbonate	Soda	Na <sub>2</sub> CO <sub>3</sub>	0	0	0	0	0
Sodiumchloride	Cooking salt	NaCl	0	0	0	0	0
Sodiumthiosulfate	Fixing salt	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	0	0	0	1	0
Solvent			2	1	1	2	0
Soybeanoil			1	0	0	0	0
Spirit	mixed with methanol	C <sub>2</sub> H <sub>5</sub> OH	1	1	1	1	0
Spirits		C <sub>2</sub> H <sub>5</sub> OH	0	0	1	1	0
Stackgas	Furnace gas		2	0	0	2	0
Sugar-beetjuice	Crane sugar juice	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>	0	0	1	0	0
Sulfuricacid		H <sub>2</sub> SO <sub>4</sub>	2	0	1	2	0
Syntheticanhydrous HFD			0	0	0	2	0
Tar			2	0	1	1	0
Thermo-oil 200°C			2	0	0	2	0
Toluol	Toluene	C <sub>7</sub> H <sub>8</sub>	2	0	1	2	0
Transformeroil			2	0	0	1	0
Trichloroethylene	Tri, Trichloroethylene	C <sub>2</sub> HCl <sub>3</sub>	2	1	1	2	0
Trichloroethylene	Tri, Ethylentrichlorid	C <sub>2</sub> HCl <sub>3</sub>	2	1	1	2	0
Turpentineoil		C <sub>10</sub> H <sub>16</sub>	2	0	0	1	0
Unleadedgas		C <sub>n</sub> H <sub>2n+2</sub>	2	0	1	1	0
Urea	Urea	CH <sub>4</sub> N <sub>2</sub> O	0	0	1	0	0
Vapor 150°C		H <sub>2</sub> O	0	0	1	2	0
Varnishes			2	0	1	1	0
Vaseline			1	0	0	0	0
Vegetableoils			2	0	0	0	0
Vinegar	5...10% vinegar	CH <sub>3</sub> COOH	0	0	1	1	0
Vinylchloride		C <sub>2</sub> H <sub>3</sub> Cl	1	0	1	2	0
Water		H <sub>2</sub> O	0	0	1	0	0
Water, distilled		H <sub>2</sub> O	0	0	1	0	0
Water-glycolbasis HFC			0	0	1	0	0
Water-in-oilemulsion HFB			2	0	0	0	0
Watervarnish			2	0	1	2	2
Waxes			2	2	1	0	0
Wine, tartaricacid		C <sub>4</sub> H <sub>6</sub> O <sub>6</sub>	1	0	1	1	0
Xylol	Xylen	C <sub>8</sub> H <sub>10</sub>	2	0	1	2	0
Zincchloride		ZnCl <sub>2</sub>	0	0	0	1	0
Zyklohexanol	Anol	C <sub>6</sub> H <sub>11</sub> OH	2	0	0	1	0