

Resistance of some basic materials

	NBR	MVQ	FPM	EPDM	PU	PTFE
Acetaldehyde	--	--	--	+	--	++
Acetone	--	0	--	++	--	++
Acetylene	++	++	++	++	++	++
Acrylonitrile	--	0	--	--	--	++
Ethyl ester of acrzlic acid	--	0	--	0	--	++
Adipic acid aqueous	++	+	++	++	++	++
Ethane	++	0	++	--	++	++
Athanolamine	0	0	--	++	--	++
Essentials (Ethereal Oils)	+	--	+	--	+	++
Ethyl Acetate	--	--	--	0	--	++
Ethyl Acrylate	--	0	--	0	--	++
Ethyl Alkohol 20° C	+	+	+	++	+	++
Ethyl Alkohol 50° C	0	0	0	++	--	++
Ethyl Benzene	--	--	+	--	--	++
Ethyl Cellulose	++	x	--	+	x	++
Ethyl Chloride	0	--	+	--	--	++
Ethylene	+	x	+	x	x	++
Ethylene Bromide	0	--	+	--	--	++
Ethylene Chlorhydrin	--	x	+	x	x	++
Ethylene Chloride	--	--	+	--	--	++
Ethylene Diamine	+	0	--	++	--	++
Ethylene Dichloride	--	--	+	--	--	++
Ethylene Glykol	++	++	++	++	+	++
Ethylene Oxide	0	--	--	0	x	++
Ethylene Silikate	++	+	++	x	++	++
Polassium Hzdcoxide	+	0	0	++	--	++
Sodum Hydroxide	+	0	0	++	--	++
Accumulator acid	+	0	++	++	--	++
Alum (aqua)	+	+	++	++	+	++
Aluminium Chloride	+	+	++	++	x	++
Aluminium Fluoride	+	++	++	++	x	++
Aluminium Sulphate	+	++	++	++	0	++
Formic Acid	--	0	--	+	0	++
Ammonia, gaseous, hot	0	0	0	+	--	++
Ammonia, gaseous, cold	+	+	0	++	--	++
Ammonia aqueous	+	0	0	++	--	++
Ammonium Chloride aqueous	++	++	++	++	0	++
Ammonium Fluoride aqueous	++	x	++	++	0	++
Ammonium Carbonate aqueous	+	+	+	++	--	++
Ammonium Nitrate aqueous	+	+	++	++	0	++
Ammonium Phosphate aqueous	++	++	++	++	--	++
Ammonium Sulphate aqueous	++	+	++	++	0	++
Ammonium Sulphide aqueous	++	+	++	++	0	++
Amyl Acetate	--	--	--	+	--	++
Amyl Alkohol	+	--	+	+	0	++
Aniline	--	0	++	0	--	++
Aniline Chlorhydrate	+	+	++	+	--	++
Aniline Dye	--	x	++	+	x	++
Anisole	--	x	x	x	--	++
Cyclohexanone	--	--	--	0	--	++
Antimony Chloride aqueous	++	++	++	++	--	++
Antimony Chloride (dehydrated)	++	++	++	++	--	++
Malic acid	++	++	++	++	0	++
ASTM Fuel No. 1	++	--	++	x	x	++
ASTM Fuel No. 2	0	--	++	x	x	++
ASTM Fuel No. 3	--	--	+	x	x	++
ASTM Oil No. 1	++	+	++	--	++	++
ASTM Oil No. 2	++	+	++	--	++	++

++ = highly resistant; + = resistant; 0 = restricted resistant; - = resticted resistant to none resistant; -- = none resistant; x = not tested

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	NBR	MVQ	FPM	EPDM	PU	PTFE
ASTM Oil No. 3	+	0	++	--	+	++
ATE-Blue Brake Fluid	--	0	0	x	x	++
Barium Chloride	++	++	++	++	x	++
Barium Salts aqueous	++	++	++	++	0	++
Cotton Oil	++	+	++	--	++	++
BC 48 (Drilling Oil)	+	x	++	x	x	++
Benzaldehyde	--	--	--	+	x	++
Fuel	++	--	++	--	++	++
Fuel-Benzene-Ethanol 50/30/20	--	--	+	--	--	++
Fuel-Benzene-Mix 80/20	0	--	+	--	+	++
Fuel-Benzene-Mix 70/30	0	--	+	--	+	++
Fuel-Benzene-Mix 60/40	--	--	+	--	0	++
Fuel-Benzene-Mix 50/50	--	--	+	--	0	++
Benzene	--	--	0	--	--	++
Benzyl Alcohol	--	+	++	++	--	++
Benzyl Chloride	--	x	+	x	x	++
Succinic Acid aqueous	+	x	+	+	--	++
Beer	++	++	++	++	++	++
Bitumen	+	0	++	x	+	++
Hydrocyanic Acid	+	+	++	+	x	++
Lead Acetate aqueous	++	x	x	++	--	++
Bleaching Lye	--	x	++	++	--	++
Lead Nitrate aqueous	++	++	++	++	0	++
Borax (aqua)	++	++	++	++	+	++
Boric acid aqueous	++	++	++	++	+	++
Branntwine	++	++	++	++	++	++
Brindi Acid	+	x	++	++	0	++
Bromine	--	0	+	0	--	++
Hydrobromic Acid aqueous	0	0	++	+	0	++
Butadine	0	x	+	--	0	++
Butan gaseous	+	0	+	--	+	++
Butanol	++	++	+	++	0	++
Butyric Acid	+	x	+	x	x	++
Butyl Acetat	--	--	--	+	--	++
Butylene, liquid	+	x	++	--	x	++
Butylene Glykol	++	++	++	++	++	++
Butyl Phenol	--	--	+	--	--	++
Butylaldehyde	--	--	--	+	x	++
Calcium Acetate aqueous	+	x	--	++	x	++
Calcium Bisulfite aqueous	+	+	+	++	x	++
Calcium Chloride aqueous	++	++	++	++	+	++
Calcium Hydroxide aqueous	++	++	++	++	0	++
Calcium Hypochloride aqueous	--	x	++	++	x	++
Calypsol Grease WJA	+	x	++	x	x	++
Camphor	+	x	+	--	x	++
Camphor Oil	+	x	+	--	x	++
Chlorine, wet	--	0	++	0	--	++
Chlorine, dry	--	0	++	+	--	++
Chloral Hydrate aqueous	--	x	+	+	x	++
Chloramine aqueous	++	x	--	++	x	++
Chlorobenzene	--	--	+	--	--	++
Chlorobrommethane	--	--	+	x	--	++
Chloracetic Acid	0	0	--	+	--	++
Calcium Chloride aqueous	--	x	+	+	--	++
Methyl Chloride	--	x	+	--	+	++
O-Chloro-Naphthalene	--	--	+	--	--	++
Chloroform	--	--	+	--	--	++
Chloroprene	--	--	0	--	--	++

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	NBR	MVQ	FPM	EPDM	PU	PTFE
Chlorsulfonic Acid	--	--	0	--	--	++
Hydrogen Chloride gas	--	x	++	++	x	++
Chromic Acid	--	0	++	0	x	++
Citronell Oil	+	+	++	x	x	++
Chlophen A 60	0	+	++	--	x	++
Cyclohexanone	+	0	++	--	++	++
Cyclohexanol	+	x	+	--	x	++
Cyclohexanone (Anone)	--	--	--	0	--	++
Desmodur T 80	--	0	+	--	--	++
Desmophen 2200	++	++	++	++	--	++
Diacetone Alcohol	0	+	--	++	+	++
Diethyl Ether	--	--	--	--	+	++
Diethyl Amin	--	--	--	-	x	++
Diethylene Glykol	++	++	++	++	++	++
Diethylene Sebacal	--	x	+	x	x	++
Diethylene Sulfate	--	0	--	x	--	++
Dibenzyl Ether	--	--	0	+	x	++
Dibutyl Ether	--	--	--	0	+	++
Dibutyl Pthalate	--	x	+	+	x	++
Dichloroethane	--	--	+	--	--	++
Dichloroethylene	+	x	+	x	x	++
Dichlorobenzene	--	--	+	--	x	++
Dichlorobutylene	--	--	+	--	x	++
Dichloroaceticacid 20/60°C	+ / 0	x	+ / 0	+/+	x	++
Dichloro-Hexylamine	0	x	x	x	x	++
Diesel Fuel	++	x	++	--	++	++
Diiobutylketone	--	x	--	+	x	++
Dimethy Ether	--	x	--	0	x	++
Dimethyl Aniline	--	x	+	+	x	++
Dimethyl Formamide	--	+	--	+	--	++
Diocyl Pthalate	--	x	+	0	x	++
Dioxane	--	--	--	0	--	++
Dioxolan	--	x	x	0	x	++
Dipentene	+	x	++	--	+	++
Diphenyloxide	--	0	+	--	x	++
Diphyl	--	+	+	--	x	++
Pressure Fluids a per DIN 51524 a. DIN 51525:						
Group H	++	0	++	--	++	++
Group H-L	++	0	++	--	++	++
Group H-LP	++	0	++	--	++	++
Ecubsol Hydrotherm 36	++	x	++	+	x	++
Ferric Chloride aqueous	+	+	++	++	0	++
Ferric Sulfat aqueous	+	+	++	++	+	++
Glacial Acetic Acid pure 50° C	--	+	--	+	--	++
Natural Gas	+	+	++	--	+	++
Natural Oil	++	+	++	--	+	++
Actic Acid 3,5 - 5 %	+	x	+	+	x	++
Acetate Ester	--	--	--	0	--	++
Acetic Acid 10 % / 50° C	--	--	--	-	--	++
Acetic Acid 25 % / 50° C	--	--	--	--	--	++
Acetic Acid 75 % / 50° C	--	--	--	--	--	++
Acetic Acid-Ethylester	--	--	--	0	--	++
Acetic anhydride	--	x	--	+	--	++
Acetic Alcohol	++	++	+	++	x	++
Grease mineralic origin	++	+	++	--	x	++
Grease plant origin	++	+	++	--	x	++
Grease animal origin	++	+	++	--	x	++

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	NBR	MVQ	FPM	EPDM	PU	PTFE
Fatty Acids	+	+	++	x	++	++
Pine needle Oil	+	0	++	x	+	++
Motor Fuel for aircrafts:						
JP3 (MIL-J-5624)	++	--	++	--	+	++
JP4 (MIL-J-5624)	++	--	++	--	+	++
JP5 (MIL-J-5624)	++	--	++	--	+	++
JP6 (MIL-J-25656)	++	--	++	--	+	++
Fluorene, dry	--	x	++	x	x	++
Fluorbenzene	--	--	+	--	x	++
Hydrofluoric Acid, hot < 65 %	--	x	0	0	x	++
Hydrofluoric Acid, hot > 65 %	--	x	0	0	x	++
Hydrofluoric Acid, cold < 65 %	0	x	++	0	x	++
Hydrofluoric Acid, cold> 65 %	0	x	++	0	x	++
Formaldehyde	++	x	++	++	x	++
Formamide, pure	+	x	++	+	0	++
Freon 11	+	0	+	0	x	++
Freon 12	+	0	+	0	x	++
Freon 13	+	x	+	x	x	++
Freon 14	+	-	+	x	x	++
Freon 21	--	--	--	--	x	++
Freon 22	--	--	--	x	x	++
Freon 31	--	--	--	x	x	++
Freon 32	+	x	--	x	x	++
Freon 112	+	--	+	--	x	++
Freon 113	+	x	+	x	x	++
Freon 114	+	x	+	x	x	++
Freon 115	+	--	+	x	x	++
Freon C318	++	--	+	x	x	++
Furan (Furfuran)	--	x	--	0	x	++
Furfurol	--	++	--	+	--	++
Gasoline Oil	++	+	++	--	x	++
Gelatine	++	++	++	++	x	++
Tannic Acid	+	+	+	+	x	++
Transmission Lubricant	++	+	++	--	+	++
Glucose	++	++	++	++	+	++
Glycol	+	+	+	+	x	++
Glycerine	++	++	+	++	++	++
Glyzerine Chlorhydrin	--	x	+	+	x	++
Marsh Gas	++	x	++	x	x	++
Urea aqueous	++	x	++	++	x	++
Yeast aqueous	++	x	++	++	x	++
Heating Oil mineral based	++	+	++	--	++	++
Heating Oil (rock- and browncoal based)	--	--	++	--	+	++
Henkel, P-3-Solution	++	x	++	++	x	++
Heptane	++	++	++	--	++	++
Hexachlorobutadine	--	x	++	x	x	++
Hexane	++	+	++	--	++	++
Hexane Triol	++	++	++	++	x	++
Furnace gas	+	+	++	x	x	++
Wood Oil	+	0	++	--	x	++
Hydrazine	+	+	+	+	x	++
Hydrazine Hydrate	+	x	++	++	x	++
Isobutyl Alkohol	+	+	++	++	0	++
Isopropanol	+	+	++	++	0	++
Isopropylacetate	--	--	--	+	--	++
Isopropylether	0	--	--	0	--	++
Isopropylchloride	--	--	+	--	--	++
Isooctane	++	--	++	--	+	++

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	NBR	MVQ	FPM	EPDM	PU	PTFE
Poassium-Jodide aqueous	+	+	++	++	--	++
Jodine Tincture	++	+	++	+	--	++
Caustic Lye 50 %	++	--	+	++	--	++
Potassium	++	x	--	++	++	++
Potassium bromat 20 %	++	+	++	++	--	++
Potassium bromide aqueous	++	x	++	++	--	++
Potassium carbonate aqueous	++	++	++	++	x	++
Potassium chlorate aqueous	--	x	++	++	--	++
Potassium chloride aqueous	++	++	++	++	++	++
Potassium chromate aqueous	+	x	++	++	x	++
Potassium cyanide aqueous	++	++	++	++	++	++
Potassium nitrate aqueous	++	x	++	++	x	++
Potassium perchlorate aqueous	0	x	++	++	x	++
Potassium sulfate aqueous	++	++	++	++	++	++
Lime Milk	0	x	++	--	x	++
Carbolineum	+	--	++	--	+	++
Carbolic Acid	--	x	+	--	x	++
Kerosene (Kerosin)	+	--	++	--	+	++
Hexafluorosilicic Acid aqueous	++	x	++	++	x	++
Bone Fat	++	+	++	--	++	++
Aqua Regia	--	--	+	--	--	++
Carbon dioxide wet	++	++	++	++	++	++
Carbon dioxide dry	++	++	++	++	++	++
Carbon monoxide	+	+	++	+	+	++
Carbon Acid	++	++	++	++	++	++
Coconut Oil	++	+	++	--	++	++
Coke Oven gas	--	x	++	x	x	++
Cresol aqueous	0	x	++	--	x	++
Copper chloride aqueous	++	++	++	++	++	++
Copper Fluoride aqueous	+	x	++	++	x	++
Copper Nitrate aqueous	+	x	++	++	x	++
Copper Sulfate aqueous	++	x	++	++	x	++
Laughing gas	++	++	++	++	++	++
Lactame	--	++	--	--	x	++
Lanolin (Wool Fat a. Lanocum)	++	+	++	--	++	++
Lauryl Alcohol	+	x	++	+	x	++
Cod Liver Oil	++	+	++	+	++	++
Adhesive Paste	++	++	++	+	++	++
Linseed Oil	++	0	++	0	+	++
Illumination gas	+	+	++	--	++	++
Liquor	++	++	++	++	++	++
Lithium Bromide aqueous	++	++	++	++	++	++
Lithium Chloride aqueous	++	++	++	++	++	++
Magnesium Chlorid aqueous	+	++	++	++	0	++
Magnesium Hydroxide aqueous	++	++	++	++	++	++
Magnesium Sulfate aqueous aqueous	+	++	++	++	++	++
Maisol	++	+	++	0	++	++
Maleic Acid	++	++	++	++	x	++
Maleic Acid Anhydride	x	x	+	x	x	++
Margarine	++	+	++	--	++	++
Maschine Oil, mineral	++	+	++	--	++	++
Molasse	++	++	++	++	+	++
Methyl Ester	--	--	--	-	--	++
Methane	++	0	++	0	++	++
Methoxybutanol	++	x	++	++	x	++
Methyl Acrylate	--	--	--	--	--	++
Methyl Ethyl Acetone	--	--	--	+	--	++

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Methanol	0	++	-	++	--	++
Methylamine aqueous	--	x	--	++	x	++
Methyl Bromide	--	--	++	--	--	++
Methyl Enchloride	--	--	0	--	--	++
Methyl Glykol Acetate	--	+	--	++	--	++
Methyl Isobutyl Ketone	--	--	--	0	--	++
Methyl Methacrylate	--	--	--	-	--	++
Methyl Pyrolidone	--	+	--	++	--	++
Methyl Salicylat	--	x	x	+	x	++
Methyl Sulfuric Acid aqueous	--	x	0	++	x	++
Milk	++	++	++	++	++	++
Lactic Acid hot	+	x	++	++	x	++
Lactic Acid cold	+	x	++	++	x	++
Mineral Oils	++	+	++	--	++	++
Monoethanol Amine	0	0	--	++	--	++
Monobrombenzene	--	--	+	--	x	++
Monochloroacetic Acid	--	--	x	+	x	++
Monochloroacetic Methyl Ester	--	--	x	+	x	++
Morpholin	--	x	++	++	x	++
Motor Oils	++	+	++	--	++	++
Naptha	+	0	++	--	+	++
Naphthaline	0	x	++	--	--	++
Naphtholen ZD	++	x	++	--	x	++
Sodium Bicarbonate aqueous	+	+	++	++	0	++
Sodium Chlorate aqueous	0	x	++	+	x	++
Sodium Chloride aqueous	++	++	++	++	++	++
Sodium Chlorite aqueous	--	x	++	++	x	++
Sodium Cyanide aqueous	+	+	++	++	x	++
Sodium Hypochlorite aqueous	--	x	++	++	x	++
Sodium Carbonate aqueous	+	+	++	++	0	++
Sodium Nitrate aqueous	++	++	++	++	++	++
Sodium Phosphate aqueous	++	++	++	++	x	++
Sodium Silikate aqueous	++	++	++	++	x	++
Sodium Sulfate aqueous	++	++	++	++	x	++
Sodium Sulfide	+	x	++	++	x	++
Sodium Thiosulfate	0	+	++	++	x	++
Caustic Soda solo 10 %	0	--	+	++	--	++
Caustic Soda solo 25 %	--	--	0	++	--	++
Caustic Soda solo 50 %	++	--	0	++	--	++
Nickel Acetate aqueous	+	--	--	++	--	++
Nickel Chloride aqueous	++	++	++	++	++	++
Nickel Sulfate aqueous	++	++	++	++	++	++
Nitrobenzene	--	x	0	--	--	++
Nitroglycerine	--	x	++	++	x	++
Nitroglykol	--	x	++	++	x	++
Nitromethane	--	--	--	+	--	++
Nitropropane	--	--	--	+	--	++
Nitrous Gas	--	--	0	0	--	++
O-Nitrotoluene	--	--	0	--	x	++
Oilic Acid	+	+	++	0	+	++
Oleum	--	--	++	--	--	++
Oleyl Alcohol	++	--	++	++	--	++
Olive Oil	++	+	++	--	x	++
Oxalic Acid aqueous	++	++	++	++	x	++
Palmitic Acid	+	+	++	--	x	++
Paraffin	++	+	++	--	+	++
Paraffin Oil	++	+	++	--	+	++
Pektin	++	++	++	++	++	++

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Pentane	++	x	++	--	x	++
Perchlorethylen 50° C	--	--	+	--	0	++
Perchloric Acid	--	--	++	++	x	++
Perfekthion S	--	x	+	x	x	++
Petroleum Ether	++	+	++	--	++	++
Petroleum	++	+	++	--	++	++
Vegetable Oils	++	+	++	0	++	++
Phenol	--	0	+	--	--	++
Phenyl Ethyl Ether	--	--	--	x	x	++
Phenyl Benzone	--	x	+	x	--	++
Phenyl Hydrazine	0	0	+	0	x	++
Phosgene liquided	+	x	++	+	x	++
Phosgen gaseous	+	x	++	+	x	++
Phosphorous Oxichloride	--	x	++	++	x	++
Phosphoric Acid cold <45 %	+	+	++	++	x	++
Phosphoric Acid concentrated	++	+	++	++	x	++
Phosphoric Acid hot, concentrated	--	--	++	++	x	++
Phosphorous Trichloride	--	x	++	++	x	++
Hydrogen Phosphate	--	x	++	++	x	++
Phthalic Acid Anhydride	++	x	++	x	x	++
Picrin Acid aqueous	+	++	++	++	x	++
Piperidine	--	--	--	--	--	++
Propane	++	--	++	--	+	++
Propanol (1) 50° C	+	0	+	+	0	++
Propanoic Acid	+	x	++	--	x	++
Propylene Glykol	+	x	++	++	x	++
Propylene Oxid	--	x	--	++	x	++
Pyridine	--	--	--	--	--	++
Mercury	++	++	++	++	++	++
Qercuried Chloride	++	++	++	++	++	++
Castor Oil	++	+	++	0	++	++
Gas from Roasting	--	+	++	++	x	++
Sagrotan	+	++	++	++	++	++
Salicyl Acid	++	++	++	++	++	++
Nitric Acid 30 % at 80°C	--	--	--	--	--	++
Nitric Acid fuming 60°C	--	--	--	--	--	++
Hydrochloric Acid 10 % at 80°	--	x	+	++	x	++
Hydrochloric Acid 30 %	0	x	+	++	x	++
Hydrochloric Acid 37 % fuming	0	x	+	++	x	++
Lubricating Acid	++	+	++	--	+	++
Black Lye	+	x	+	+	+	++
Sulfur	0	x	++	+	x	++
Sulfur Dioxide aqueous	--	x	++	++	x	++
Carbon disulfide	--	--	++	--	0	++
Sulfuric Acid 10 % at 60°C	+	+	+	++	--	++
Sulfuric Acid 25 % at 60°C	+	+	+	++	--	++
Sulfuric Acid 50 % at 60°C	--	--	+	++	--	++
Sulfuric Acid 75 % at 60°C	--	--	+	+	--	++
Sulfuric Acid 96 % at 60°C	--	--	+	--	--	++
Sulfuric Acid fuming	--	--	++	--	--	++
Sulfuric Trioxide	--	+	+	+	x	++
Hydrogen Sulfide dry	0	x	0	++	x	++
Hydrogen Sulfide dry 80°C	0	x	0	++	x	++
Hydrogen Sulfide aqueous	0	x	0	++	x	++
Hzdrogen Sulfide 80°C	0	x	0	++	x	++
Flame resistant pressure fluids of the class						
HFA	++	x	++	--	x	++
HFB	++	x	++	--	x	++

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Resistance of some basic materials

	NBR	MVQ	FPM	EPDM	PU	PTFE
HFC	+	+	+	+	x	++
HFD.....R	--	+	++	+	x	++
HFD.....S	--	+	++	--	x	++
HFD.....T	--	+	++	--	x	++
Soap Solution	++	++	++	++	x	++
Silver Nitrate aqueous	++	++	++	++	++	++
Silicon Oils	++	--	++	x	x	++
Soy bean Oil	++	+	++	--	x	++
Stearic Acid	++	++	++	++	++	++
Styrene	--	--	+	--	--	++
Sulfury Chloride	--	x	++	+	x	++
Talc	+	x	++	+	x	++
Tanin	+	x	++	++	x	++
Tectal	--	--	+	--	--	++
Tar	--	x	+	--	x	++
Terpentine	++	--	++	--	0	++
Terpentine Oil	+	--	++	--	x	++
Tetrachloroethylene	--	--	+	--	--	++
Carbon Tetrachloride	--	--	+	--	--	++
Tetrahydrofuran	--	--	--	--	--	++
Tetraline (Tetrahydronapthaline)	0	x	++	--	x	++
Thionyl Chloride	0	x	++	++	x	++
Thiophene	--	x	--	--	x	++
Ink	++	++	++	++	++	++
Toluene 20° C	--	--	+	--	--	++
Transformer Oil	+	0	+	--	++	++
Triethanolamine	0	x	--	++	x	++
Triethylglycole	++	++	++	++	++	++
Tributyl Phosphate	--	x	0	+	x	++
Trichlore Ethylene	--	--	+	--	--	++
Trichloroacetic Acid	+	x	--	+	x	++
Tricresyl Phosphate	--	x	+	+	x	++
Vaseline	++	+	++	x	+	++
Vinyl Acetate	--	x	--	+	x	++
Vinyl Chloride aqueous	--	x	+	x	x	++
Sperm Oil	++	x	++	--	x	++
Water cold	++	++	++	++	+	++
Water up to 80°C	+	++	++	++	--	++
Water up to 100°C	+	0	++	++	--	++
Water distilled 50°C	+	+	+	++	--	++
Sea Water	++	++	++	++	--	++
Hydrogen Gas cold	++	x	++	++	++	++
Hydrogen Gas hot	+	x	++	++	x	++
Hydrogen Superoxid 90 %	--	x	+	+	x	++
Wine Acid	++	++	++	++	x	++
Wool Fat	++	+	++	--	++	++
Xylene	--	--	+	--	--	++
Zinc Chloride aqueous	+	++	++	++	x	++
Zinc Sulfate aqueous	++	++	++	++	x	++
Tinn Chloride aqueous	++	++	++	++	x	++
Citric Acid	+	++	++	++	x	++
Sugarcane Juice	++	++	++	++	x	++

++ = highly resistant; + = resistant; 0 = restricted resistant; - = resticted resistant to none resistant; -- = none resistant; x = not tested