SIFLEX TABELLA RESISTENZA CHIMICA CHEMICAL RESISTANCE CHART

A - Excellent, little or no swelling or softening **B** - Good, Swelling or softening is moderate **C** - Fair, conditional service may be expected **D** - Unsatisfactory, not recommended

	EPDM	NEOPRENE	NITRILE	PTFE	POLYAMIDE	POLYESTERE	POLYURETHANE
Acetaldehyde	A	D	D	B	B	B	D
Acetic Acid 10%	C	A	C	A	A	C	D
Acetic Acid 20%	A	A	C	A	B	C	D
Acetic Acid 30%	A	A	D	A	C	C	D
Acetic Acid 50%	C	D	D	A	C	C	D
Acetic Acid, Glacial	B	D	D	A	D	D	D
Acetic Anhydride	B	B	D	A	D	C	D
Acetone	A	D	D	A	A	C	D
Acetylene	A	B	C	A	A	B	C
Acrylonitrile	D	D	D	A	A		D
Adipic Acid	A	A	A	A			A
Alums	A	A	A	A	C	D	D
Aluminum Chloride Solution	A	A	A	A	D	B	B
Aluminum Sulphate Solution	A	A	A	A	A	B	B
Ammonia Gas	D	D	D	D	D	D	D
Ammonia Liquid	D	D	D	D	D	D	D
Ammonium Carbonate	A	A	B	A	B	C	A
Ammonium Chloride	A	A	B	A	D	A	B
Ammonium Hydroxide	A	A	D	A	A	D	D
Ammonium Nitrate	A	A	A	A	B	C	A
Ammouium Sulphate	A	A	A	A	B	C	B
Amyl Acetate	A	D	D	A	B	A	D
Amyl Alcohol	A	A	C	A	B	D	D
Anhydrous Ammonia	D	D	D	D	D	D	D
Anline	B	D	D	A	C	D	D
Animal Oils	B	B	C	A	A	B	D
Argon	A	D	A	A	A	A	A
ASTM Oil No .1	D	A	A	A	A	A	A
ASTM Oil No .2	D	B	A	A	A	A	B
ASTM Oil No .3	D	B	A	A	A	B	A
ASTM Ref. Fuel A	D	B	A	A	A	A	B
ASTM Ref. Fuel B	D	D	B	A	A	A	B
ASTM Ref Fuel C	D	D	B	A	A	B	C
Asphalt	D	C	B	A	B	B	B
Avaition Gasoline	D	D	A	A		C	B
Barium Chloride	A	A	A	A	B	C	A
Barium Hydroxide	A	A	A	A	B	B	D
Benzaldehyde	B	D	D	A	A	B	D
Benzene	D	D	D	A	B	B	D
Benzyl Alcohol	C	C	D	A	B	C	D
Borax Solution	A	A	C	A	B	B	
Boric Acid	A	A	A	A	C	B	A
Bromine	D	D	D	B	D	D	D
Butane	D	A	A	A	B	A	D
Butonal	B	A	A	A	C	B	D
Butanone	A	D	D	A	B	A	D
Butyl Acetate	D	D	D	A	B	B	D
Calcium Chloride	A	A	A	A	B	A	A
Calcium Hydroxide	A	A	A	A	A	C	D
Calcium Hypochlorite,6%	A	C	D	A	A	B	B
Carbon Bisulphide	A	C	B	A	B	B	C
Calcium Nitrate	A	A	A	A	A	A	D
Carbon Dioxide	B	B	A	A	B	A	D
Carbon Monoxide	A	A	A	A	A	A	A
Carbon Tetrachloride	D	C	D	A	D	D	D
Carbonic Acid	A	A	B	A	B	D	A
Caster Oil	B	A	A	A	B	B	B
Chlorine Gas, Dry	D	C	D	A	D	D	D
Chlorine Gas, Wet	D	D	D	B	D	D	D
Chloracetic Acid	B	A	D	A	C	D	D
Chlorobenzene	D	D	D	A	A	D	B
Chloroform	D	D	D	A	D	D	D
Chlorosulfonic Acid	D	D	D	A	D	D	D
Chromic Acid 10%	D	C	D	A	D	D	D
Chromic Acid 50%	D	D	D	A	D	D	D
Citric Acid Solution	A	A	A	A	B	B	A
Coal Oil	D	B	A	A	A	A	C
Copper Chloride Solution	A	A	A	A	D	A	B
Copper Sulphate Solution	A	A	A	A	B	B	C
Creosote	D	D	C	A	D	D	C
Cresol	D	D	D	A	D	D	D
Cyclohexane	D	D	B	A	B	A	B
Cyclohexanol	D	B	C	A	B	C	
Cyclohexanone	C	D	D	A	B	B	D
DDT Preparations	D	D	D	A	A		D
Diamminium Phosphate	A	A	A	A	B	C	D
Diethyl Ether	C	D	D	A			D
Dibutyl Phthalate	B	D	D	A	B	B	D
Dichloro Benzene	D	D	D	A	A	D	D
Dichloro Ethylene	D	D	D	A	C	D	C
Diesel Fuel	D	D	A	A	A	B	C
Diethyl Ether	D	D	D	A	B	B	A
Diethyl Sebacate	B	D	D	A		A	D
Dicotyl Phthalate	B	D	D	A	B	B	D
Ethanol	A	A	A	A	A	C	D
Ethyl Acetate	B	D	D	A	A	C	D
Ethyl Chloride	C	D	A	A	A	D	C
Ethylene Chlorhydrin	B	B	D	A	D	D	D

	EPDM	NEOPRENE	NITRILE	PTFE	POLYAMIDE	POLYESTERE	POLYURETHANE
Ethylene Dichloride	D	D	D	A	C	D	D
Ethylene Glycol	A	A	A	A	A	A	B
Ethylene oxide	C	D	D	A	A	A	D
Fatty Acid Ester	D	B	A	A	A	B	D
Ferric Chloride	A	A	A	A	D	B	A
Ferric Nitrate	A	A	A	A	A	C	A
Ferric Sulphate	A	A	A	A	A	C	B
Ferric Chloride	A	A	A	A	A	A	B
Ferrous Sulphate	A	A	A	A	A	C	A
Fluorine	D	D	D	D	D	D	D
Formaldehyde	A	B	C	A	C	C	D
Formic Acid	A	A	D	A	D	D	D
Freon 12	C	C	C	A	A	A	C
Freon 22	D	A	D	A	A	D	D
Freon 113	D	A	A	A	D	A	C
Freon 502	A	A	B	A	A		
Furfural	B	C	D	A	C	B	D
Furfuryl Alcohol	B	D	D	A	A	B	D
Gas, Coal	A	A	D		A	B	B
Gas,High Octane	D	D	A	A	A	A	C
Gasoline	D	D	B	A	A	A	A
Glycerine	A	A	A	A	A	A	D
Greases	D	D	A	A	A	A	A
Helium	A	A	A	A	A	A	A
Heptane	D	B	A	A	A	B	B
n-Hexane	D	A	A	A	B	A	B
Hydrazine	A	B	B	A	D	D	D
Hydraulic Fluid (Petroleum)	D	B	A	A	A	A	B
Hydrochloric Acid 10%	A	A	C	A	A	B	B
Hydrochloric Acid 20%	A	B	C	A	B	C	C
Hydrocyanic Acid	A	B	C	A	D	D	D
Hydrofluoric Acid	C	B	D	A	C	D	D
Hydrogen Gas	A	A	A	A	A	A	A
Hydrogen Peroxide 20%	C	D	D	A	A	D	D
Hydrogen Sulphide,(wet)	A	C	D	A	D	A	D
Iodine Pentafluoride	D	D	D	A			D
Iodoform	D	D					
Isobutyl Alcohol	A	A	B	A			D
Isooctane	D	B	A	B	A	A	A
Isopropyl Acetate	B	D	D	A	A	C	D
Isopropyl Alcohol	A	B	B	A	A	C	D
Isopropyl Ether	D	D	B	A			B
JP - 4 Fuel	D	D	A	A	C	A	C
Kerosene	D	C	B	A	A	A	B
Ketones	A	D	D	A	A	D	D
lacquer Solvent	D	D	D	A	A	D	D
Lactic Acid	A	A	A	A	A	D	B
Lard	B	B	A	A	A	B	C
Lead Acetate	A	B	B	A	A		D
Lead Nitrate	A	A	A	A			
Lime Bleach	A	B	A	A			
Linoleic Acid	D	D	B	A			
Linseed Oil	C	B	A	A	A	B	B
Liquified Petroleum Gas	D	C	A	A	A	B	C
Lubricating Oils, Petroleum Base	D	B	A	A	A	A	B
Magnesium Chloride(Aq)	A	A	A	A	A	B	A
Magnesium hydroxide (Aq)	A	A	B	A	B	C	D
Magnesium Sulphate(Aq)	A	A	A	A	A	B	D
Maleic Acid	B	D	D	A	C		D
Maleic Anhydride	D	D	D	A			
Mercuric Chloride(Aq)	A	B	A	A			
Methane	D	C	A	A	A	B	C
Methanol	A	B	A	A	A	C	D
Methyl Acetate	A	D	D	A	A	B	D
Methyl Acrylate	B	D	D	A	C		D
Methyl Bromide	D	D	B	A	A	D	D
Methyl Cellusolve	B	C	C	A			D
Methyl Chloride	C	D	D	A	A	D	D
Methyl Ethyl Ketone	A	D	D	A	A	B	D
Methlyisobutylketone (MIBK)	B	D	D	A	A	D	D
Methyl Methacrylate	D	D	D	A	C		D
Methylene Chloride	C	D	D	A	D	D	D
Mineral Oil	D	B	B	A	A	A	A
Monochlorobenzene	D	D	D	A	B	C	D
Naphtha	D	D	B	A	A	A	C
Naphthalene	D	D	D	A	A	C	B
Natural Gas	D	A	A	A	A	B	C
Neon Gas	A	A	A	A	A		A
Nickel Acetate (Aq)	A	B	B	A			D
Nickel Chloride (Aq)	A	A	A	A	D	D	D
Nickel Sulfate (Aq)	A	A	A	A	D	D	C
Nitric Acid (10%)	B	B	D	A	D	D	D
Nitric Acid (conc.)	D	D	D	A	D	D	D
Nitric Acid (Red Fuming)	D	D	D	A	D	D	D
Nitrobenzene	A	D	D	A	D	D	D
Nitroethane	B	C	D	A			D
Nitrogen	A	A	A	A	B	A	A
Nitrous Oxide	A	B	A	A	D		B

	EPDM	NEOPRENE	NITRILE	PTFE	POLYAMIDE	POLYESTERE	POLYURETHANE
n-Octane	D	D	B	A	B	A	D
Octyl Alcohal	C	B	B	A	G	G	D
Oleci Acid	D	C	A	A	A	C	B
Oleum Spirit	D	D	B	A	A	B	C
Oxallic Acid	A	B	B	A	A	D	D
Oxygen	A	A	B	A	A	B	A
Ozone	A	C	D	A	D	B	A
Paint Thinner	D	D	D	A	B	G	G
Palmitic Acid	B	B	A	A	D	A	A
Perchloric Acid	B	B	D	A	D	D	D
Perchloroethylene	D	D	D	A	B	D	D
Petroleum	D	B	A	A	B	A	B
Phenol	D	D	D	A	D	D	D
Phosphate Esters, 72 deg F	A	D	D	A	A	A	D
Phosphoric Acid, 40%	A	A	D	A	A	D	D
Picric Acid	C	C	D	A	C	D	D
Potassium Chloride	A	A	A	A	A	B	A
Potassium Cyanide	A	A	A	A	A	B	A
Potassium Dichromate (Aq)	A	A	A	A	B	B	B
Potassium Hydroxide(Aq) 50%	A	B	B	A	A	D	A
Potassium Nitrate	A	A	A	A	A	B	A
Potassium Sulphate	A	A	A	A	A	B	A
Propane	D	B	A	A	A	B	C
Propyl Alcohol	A	A	A	A	D		A
Propyl Nitrate	B	D	D	A			D
Propylene	D	D	D	A			D
Propylene Glycol 70 Deg F	A	C	A	A			B
Pydraul 50E	B	D	D	A	A	A	D
Pydraul 312C	D	D	D	A	A	B	D
Resoricionl	B	D	D	A	D	D	D
SAE No.10 Oil	D		A	A	A	A	A
Sea Water	A	A	A	A	A	A	D
Silicate Esters	D	A	B	A	B	C	A
Silicone Greas	A	A	A	A	A	A	A
Silicone Oil	A	A	A	A	B	B	A
Silver Nitrate	A	A	B	A	A		A
Skydol 500	A	D	D	A	A	B	D
Soap Solution	A	B	A	A	B	A	C
Soda Ash	A	A	A	A	B	B	B
Sodium Acetate (Aq)	A	B	B	A	B		D
Sodium Chloride(Aq)	A	A	A	A	A	A	A
Sodium Hydroxide (50%)	A	A	B	A	A	C	B
Sodium Hypochloride (Aq)	B	B	B	A	A	B	D
Sodium Sulphide	A	A	A	A	A	B	A
Sodium nitrate	A	B	A	A	B	B	B
Sodium Peroxide	A	B	B	A	D	B	D
Stannic Chloride (Aq)	A	C	A	A	D	B	B
Steam 212 Deg F	A	D	D	A	D	D	D
Stearic Acid	B	B	B	A	A	B	A
Styrene	D	D	D	A	A	D	D
Sulphur Chloride	D	D	D	A	D	C	C
Sulphur Dioxide	A	D	D	A	D	D	D
Sulfuric Acid (dil)	A	A	B	A	D	A	D
Sulfuric Acid (conc.!)	D	D	D	A	D	D	D
Tannic Acid	A	A	A	A	A	A	A
Tar, Bituminous	D	C	B	A	B	B	B
Tartaric Acid	C	B	A	A	A	B	A
Tertiary Butyl Alcohol	B	B	B	A			D
Tertiary Butyl Mercapton	D	D	D	A			D
Tetrachloroethylene	D	D	D	A	C		D
Tetra Hydrofuran (THF)	D	D	D	A	A	C	D
Toluene	D	D	D	A	A	C	D
Transformer Oil	D	B	A	A	B		B
Transmission Fluid,type A	D	B	A	A	B	B	B
Tributyl Phosphate	D	D	D	A	B	C	D
Trichloracetic Acid	B	D	D	A	D	D	D
Trichloroephane	D	D	D	A	B	D	D
Trichloroethylene	D	D	D	A	B	D	D
Trisodium Phosphate	A	A	A	A	A	A	B
Tung Oil	D	A	A	A	B	B	C
Turpentine	D	D	A	A	A	B	D
Urea	A	A	A	A	A	B	B
Uric Acid				A	A	D	D
Vinegar	A	B	C	A	A	C	D
Vinyl Chloride	D	D	D	A			
Water (72 F)	A	A	A	A	A	A	A
Water (140 F)	A	A	A	A	A	B	D
Water (212 F)	A	D	D	A	D	D	D
Water / Glycol Solution 72 F	A	A	A	A	A	A	C
Water / Glycol Solution 125 F		A	A	A	A	B	D
Water / Glycol Solution 180 F		A	A	A	A	D	D
Water.Soda	A		A	A	A	A	
White Oil	D	B	A	A			A
Wood Oil	D	B	A	A	B	B	C
Xylene	D	D	D	A	B	C	D
Zinc Chloride	A	A	A	A	B	C	B