



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Acetal	C	C	C	C			A	C	C	C
Acetic Acid 10%	A	C	A	A	A	A	A	B	A	A
Acetic Acid 20%	B	C	A	A			A	B	A	A
Acetic Acid 30%	B	C	A	A			A	B	A	A
Acetic Acid 99%	C	C	A	B			A	B	A	A
Acetic Acid 50%	B	C	A	A	B	A	A	B	A	A
Acetic Acid Anhydride	C	C	B	C	A	C	A	B	A	A
Acetic Acid (Ice-Cold)	B	C	B	B			A	A	A	A
Acetophenone	C	C	C	C			B	A	A	A
Acetone	A	C	A	C	C	C	A	C	C	C
Acetonitrile	C	C	C	C			A	B	A	A
Acetylene	C	B	C	B	A	A	A	B		
Acryl Aryl Sulphonate Slurry	A	C	A	B						
Acrylate (Polymer)			A							
Acrylate (Monomer)	C	C	C	C						
Acrylic Acid 323 K	C	C	C	C						
Acrylic Monomer	C	C	C	C						
Acrylonitrile	C	C	C	C						
Air	A	A	A	A	A	A				
Alcohol	A	A	A	A	A	C	A	B	A	A
Alkylaryl Benzene Sulphonate	C	A	A	C						
Allyl alcohol	A	B	A	B	C	C				
Allylchloride	C	C	C	C						
Alum	A	A	A	A	A	A			A	A
Aluminium Chloride	A	A	A	A	A	A	C	A	A	A
Aluminium Fluoride	A	A	A	A			C	A	A	A
Aluminium Hydroxide	A	A	A	A	A	A	A	A	A	A
Aluminium Silicate	A	A	A	A						
Aluminium Sulphate	A	A	A	A	A	A	A	A	A	A
Ammonia Anhydric	A	B	A	A	B	B	A	A	C	C



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Ammonia Liquor	A	A	A	A						
Ammonia (Gas)	A	A	A	A	A	A		B	C	C
Ammonium Bicarbonate	A	A	A	A						
Ammonium Bisulphate 50 %	A	C	A	A						
Ammonium Bromide	B	C	A	A						
Ammonium Carbonate	A	A	A	A	A	A	A	A	A	A
Ammonium Chloride	A	A	A	A			A	A	A	A
Ammonium Formate	A	A	A	A						
Ammonium Hydroxide	A	A	A	A	A	A	A	A	A	A
Ammonium Metaphosphate	A	A	A	A						
Ammonium Nitrate	A	A	A	A			A	A	A	A
Ammonium Nitrite	A	A	A	A				A	A	A
Ammonium Persulphate	B	B	A	A	A	A	A	A	A	A
Ammonium Phosphate	A	A	A	A			A	A	A	A
Ammonium Propionate	A	C	A	B						
Ammonium Sulphate	A	A	A	A	A	A				
Ammonium Thiocyanate	A	A	A	A						
Amyl Acetate	B	B	B	C	B	C	A	C	A	A
Amyl Alcohol	A	B	A	B	C	C	A	B	A	A
Amyl Amine	C	C	C	C						
Amyl Borate	B	C	B	C						
Amyl Chloride	C	C	C	C	C	C	A	C	A	A
Amyl Chloronaphthalene	C	C	C	C						
Amyl Ether	C	C	C	C						
Amyl Iodine	C	C	C	C						
Amyl Naphtalene	C	C	C	C						
Amyl Phenol	C	C	C	C						
Amyl Bromide	B	C	B	C						
Amylene	C	C	C	C						
Aniline Paint	B	C	C	C			A	B	C	C



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Aniline (Oil)	C	C	C	C			A	B	C	C
Animal Fat	C	B	C	B			A			
Animal Glue	A	A	A	A						
Anti-Freeze	A	A	A	A			A	A		
Antymonochloride 50%	B	C	A	A						
Aqua Regia	C	C	B	B			C	B	A	A
Arsenic Tri Oxide	A	A	A	A						
Arsenic Acid	C	C	B	A	C	A	A	A	A	A
Ascorbic Acid	A	A	A	A						
Asphalt	C	B	C	C						
Astor Oil 1-2-3	C	C	C	C						
Aviaton Gasoline	C	B	C	C						
Barium Carbonate	A	A	A	A	A	A	A	A	A	A
Barium Chloride	A	A	A	A	A	A	C	A	A	A
Barium Ferrite	A	A	A	A	A	A				
Barium Hydroxide	A	A	A	A	A	A	A	A	A	A
Barium Sulphate	A	A	A	A	A	A	A	A	A	A
Barium Sulphide	A	A	A	A	A	A	A	A	A	A
Beer	A	A	A	A	A	A	A	B	A	A
Beet Root Syrup	A	A	A	A						
Benzaldehyde	C	C	B	C			A	C	A	A
Benzene Sulphonic Acid	C	C	C	C			B		A	A
Bencene (Benzol)	C	C	C	C	C	C	A	B	A	A
Benzoyl Chloride	C	C	C	C						
Benzyl Alcohol	C	C	C	C	A	C				
Benzyl Benzoate	C	C	C	C			B			
Bird Lime (Glue)	A	A	A	A						
Bi Calcium Phosphate	A		A	A						
Bismuth Carbonate	A	A	A	A						
Black Sulphate liquor	A	A	A	A						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Calcium Nitrate	A	A	A	A	A	A	B	A	A	A
Calcium Sulphate	A	A	A	A	A	A	A	A	A	A
Calcium Sulphide	A	A	A	A			B	A	A	A
Calcium Tetra Fluoride	C	C	B	A						
Calic Liquor	A	A	A	A						
Cane Sugar Liquor	A	A	A	A			A	A		
Carbide Lime	A	A	A	A						
Carbitol	C	C	C	C			B	C	A	A
Carbolic Acid, Phenol	C	C	C	C			A	C	A	A
Carbon Dioxide Dry	A	A	A	A	A	A	A	A	A	A
Carbon Dioxide wet	A	A	A	A	A	A				
Carbon Disulphide	C	A	C	C	C	C	A	B	A	A
Carbon Monoxide 338K	A	B	A	A	A	A	A	A		
Carbonic Acid	A	A	A	A	A	A	B	A	A	A
Carboxil Methyl Cellulose 12%	A	A	A	A						
Castor Oil	C	B	C	C	C	C				
Caustic Soda (Max.50%)	A	B	A	A						
Cellosolve	C	C	C	C	C	C	B	A	A	A
Cellosolve Acetate	C	C	C	C	C	C		A	A	
Cellulose Acetate		B	C	C						
China Wood Oil(Tung Oil)	C	C	C	C						
Chloric Acid	C	C	A	A						
Chloric Acid Sulphurous	C	C	B	A						
Chlorinated Solvents	C	C	C	C						
Chlorine Aceton Nitrile	C	C	C	C						
Chlorine Acetone	C	B	B	C						
Chlorine Benzene	C	C	C	C						
Chlorine Benzol	C	C	C	C						
Chlorine Bromine Methane	C	C	C	C						
Chlorine Naphtene	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Chlorine Sulphonic Acid	C	C		C						
Chlorine Toluene	C	C	C	C						
Chlorine Water 3%	C	C	A	A						
Chlorine (Dry)	C	C	B	C	C	A		C	A	A
Chlorine (Solvent)	C	C		C						
Chlorine (Wet)	C	C	A	A	C	B	C	C	A	A
Chlorine - Ethyl-Acetate	C	C	C	C						
Chlorine-Lye	C	C	A	A						
Chlorine-Methyl	C	C	C	C						
Chlorine-Nitro-Ethane	C	C	C	C						
Chloroform	C	C	C	C	C	C	A	C	A	A
Chromic Acid 10%	C	C		A	A	B	A	A	A	A
Chromic Acid 25%	C	C		A	A	B	A	A	A	A
Chromic Acid 50%	C	C		A	C	C	B	A	A	A
Chromium Sulphate	C	C	A							
Citric Acid	A	B	A	A	A	A	A	A	A	A
Citrus Pulp	A	B	A	A						
Coconut Oil	C	B	C	C	C	C				
Cod Liver Oil	C	B	C	C						
Coke Oven Gas	C	B	C	C						
Compressor Oil	C	A	C	B						
Copper Oxi Choride	B	B	A	A						
Copper Arsenate	B	B	A	A						
Copper Chloride	A	A	A	A			C	A	A	A
Copper Cyadine	B	A	A	A			A	A	A	A
Copper Naftanate										
Copper Nitrate	A	B	A	A			A	A	A	A
Copper Sulphate	A	B	A	A			A	A	A	A
Cottonseed Oil	C	B	C	C	C	C				
Creosote Oil	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Creosote Wood	C	C	C	C						
Creosote-Coal Tar	C	C	C	C						
Cresol 90%,Xylol 5%,Ddt 5%	C	C	C	C			A	C	A	A
Cresol 90%,Xylol 5%	C	C	C	C			A	C	A	A
Cresylic Acid	C	C	C	C	B	C	A	C	A	A
Crude Oil	C	B	C	B						
Cryolite 10%	B	B	B	A						
Cyadine	A	A	A	A						
Cyclohexane	C	B	C	C	C	C	A	C	A	A
Cyclohexanol	B	C	C	C			B	B	A	A
Cyclohexanone	B	C	C	C	C	C	B	C	B	B
Cyclopentane	C	C	C	C						
Cymene	C	C	C	C						
DDT2 Kerosene	C	B	C	C						
Decalin	C	C	C	C						
Decane	C	C	C	C						
Deca-Hydro-Naphtene	C	C	C	C						
Diesel Oil	C	C	C	C	C	C	A	B	A	A
Dioxane	C	C	C	C			A	C	C	C
Divinyl Benzene	C	C	C	C						
Di-Acetone-Alcohol	C	C	C	C			A	C	A	A
Di-Amyl- Ftalate	C	C	C	C						
Di-Amyl-Naphtene	C	C	C	C						
Di-Benzyl-Ether	C	C	C	C			B			
Di-Butyl-Acetate		C	C	C						
Di-Butyl-Amine	C	C	C	C					C	
Di-Butyl-Ether	C	C	C	C			B	C	A	A
Di-Butyl-Phtalate	C	C	C	C			A	C	C	C
Di-Butyl-Sebacate	C	C	C	C			A	B	C	C
Di-Chlorine-Acid	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Di-Chlorine-Benzene	C	C	C	C						
Di-Chlorine-Butene	C	C	C	C						
Di-Chlorine-Di-Fluor-Methane	C	C	C	C						
Di-Chlorine-Propene	C	C	C	C						
Di-Chlorine-Tetra-Fluor-Ethane	C	C	C	C						
Di-Chloromethane	C	C	C	C						
Di-Chlorophoxy Acetic Acid	C	C	C	C						
Di-Cyclo-Hexyl-Amine	C	C	C	C						
Di-Dowtherm(A+E)	C	C	C	C						
Di-Ethyl-Amine		C	C	C	A	A				
Di-Ethyl-Carbonate	C	C	C	C						
Di-Ethyl-Ether	C	C	C	C			B		A	A
Di-Ethyl-Fatty Acid		C	C	C						
Di-Ethyl-Phtalate	C	C	C	C						
Di-Ethyl-Glycol	A	A	A	A	A	A				
Di-Ethyl-Ketone	B	C	B	C						
Di-Ethyl-Oxalate	C	C	C	C						
Di-Ethyl-Sebacate	C	C	C	C			A	A	A	A
Di-Isobutene	C		C	C						
Di-Isobutyl-Ketone	B	C	C	C						
Di- Isopropyl-Ether	C	C	C	C						
Di-Isopropyl-Ketone		C	C	C						
Di-Methyl-Amin	C	C	C	C						
Di-Methyl-Aniline	C	C	C	C						
Di-Methyl-Ether	C	C	C	C						
Di-Methyl-Formamide	A	B	A	C						
Di-Methyl-Fosphite	B	C	B	C						
Di-Methyl-Phtalate	C	C	C	C			B	A	A	A
Di-Methyl-Sulphide	C	C	C	C						
Di-Octyl-Adipate	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Di-Octyl-Ftalate	C	C	C	C			A			
Di-Octyl-Sebacate	C	C	C	C						
Dodecyl Benzene	C	C	C	C						
Dodecyl Toluene	C	C	C	C						
Epi-Chloro-Hydrine	C	C	C	C			A	B	C	C
Ethanolamine	C	C	C	C			A	C		
Ether	C	C	C	C	C	C	A	C		
Ethylene oxyde	C	C	C	C	A	A				
Ethyl-Acetate	B	C	B	C	B	C	A	B	C	C
Ethyl-Alcohol	A	A	A	B	A	C				
Ethyl-Amine		C	C	C						
Ethyl-Amyl-Ketone		C	C	C						
Ethyl-Benzene	C	C	C	C			B	C	C	C
Ethyl-Benzoate	C	C	C	C			A			
Ethyl-Bromide	C	C	C	C						
Ethyl-Butyrate	C	C	C	C						
Ethyl-Cellulose	A	B	A	B			B			
Ethyl-Chloride	C	C	C	C	C	C	A	C	A	A
Ethyl-Chlorofomate	C	C	C	C				C		
Ethyl-Cyano-Acetate		C		C						
Ethyl-Ether	C	C	C	C	C	C	A	C		
Ethyl-Formate	C	C	B	C			B			
Ethyl-Hexanol		C	C	C						
Ethyl-Hexyl-Diphenyl-	C	C	C	C						
Phosphate										
Ethyl-Iodide	C	C	C	C						
Ethyl-Isobutyl-Ether	C	C	C	C						
Ethyl-Isobutyrate	C	C	C	C						
Ethyl-Mercaptan	C	C	C	C			B			
Ethyl-Methyl-Ketone	B	C	B	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Ethyl-Oxalate	C	C	C							
Ethyl-Penta-Chloor-Benzene	C	C	C	C				C		
Ethyl-Propinate	C	C	C	C						
Ethyl-Propyl-Ether	C	C	C	C						
Ethyl-Silicate	A	A	A	A			A			
Ethyl-Di-Chloride	C	C	C	C						
Faeces	A	A	A	A						
Ferric Oxide	A	A	A	A						
Ferriferous Chloride(338K)	A	A	A	A	A	A	C	A	A	A
Ferro Hydroxide (Fe(OH)3)	C	C	A	A						
Flexol 300				C						
Fluoboric	A	B	A	A	C	A				
Fluoric Acid	C	C	B	A			B	A	A	A
Fluorine Benzene	C	C	C	C						
Fluorine Boric Acid 65%	C	C	C	A						
Fluorine Silicon Acid		C		A						
Fluorsilicon Acid 50 %		C		A						
Formaldehyde 37%	A	B	A	B	C	C	A	A	A	A
Formaldehyde 40% 343K	C	C	A	C						
Formamide (Formylamine)	A	B	A	A						
Formic Acid	C	C	B	C	A	A	A	A	A	A
Freon 11	C	C	C	C	A	A	A	C	A	A
Freon 112	C	C	C	C						
Freon 114	C	C	C	C				C	A	A
Freon 115	C	C	C	C						
Freon 12 Liquid	C	C	C	C	A	A	A	B	A	A
Freon 13	C	C	C	C				C	A	A
Freon 14	C	C	C	C						
Freon 21	C	C	C	C				C	A	A
Freon 22	C	C	C	C	A	A	A	C	A	A



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Freon 31	C	C	C	C						
Freon C 316	C	C	C	C						
Freon C 318	C	C	C	C						
Fuel Oil	C	B	C	C	C	C	A	C	A	A
Fuming Sulphuric Acid	C	C	B	B						
Furan	C	C	C	C				C		
Furfural	C	C	C	C	C	C		C		
Gallnutoil	B	C	B	A						
Garlic	A	A								
Gasoline 100 Octane	C	C	C	C	C	C	A	C	A	A
Gasoline 65 Octane	C	C	C	C	C	C	A	C	A	A
Gasoline Octane 100	C	C	C	C	C	C	A	C	A	A
Gasoline Octane 65	C	C	C	C	C	C	A	C	A	A
Gelatin (Glue)	A	A	A	A	A	A	A	A	A	A
Glucose	A	A	A	A	A	A	A	A	A	A
Glue	B	A	A	A			A	B	A	A
Glycerine	A	A	A	A	A	A	A	A	A	A
Glycerol	A	A	B	A						
Glycol	A	A	A	A	A	A	B	A	A	A
Grainseed-oil	C	B	C	C						
Green Sulfate Liquor	A	B	A	A				A		
Heptane	C	C	C	C	C	C	A	C	A	A
Hexaldehyde	A	B	A	A			A			
Hexane	C	C	C	C	C	C	A	C	A	A
Hexene	C	B	C	C						
Hexyl-Alcohol	A	A	B	C						
Hog Fat	C	B	C	B						
Hydraulic Oil Ester Base	B	C	C	C			A	A	C	C
Hydraulic Oil Mineral Base	C	B	C	C			A	A	C	C
Hydraulic Oil Pydraul Base	C	C	C	C			A	A	C	C



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Hydraulic Oil Skydrol Base	C	C	C	C			A	A	C	C
Hydro Cyanic Acid	B	C		A						
Hydrobromic Acid	B	B	A	A	C	A	C	B	A	A
Hydrobromic Acid 40%	C	C	B	A	C	A				
Hydrochloric Acid 15%	A	A	A	A	A	A	C	A	A	A
Hydrochloric Acid 30%	A	B	A	A	B	A	C	A	A	A
Hydrochloric Acid 338K	C	C	A	A	A	A	C	A	A	A
Hydrochloric Acid 33%, 323K	C	C	B	A	A	A	C	B	A	A
Hydrochloric Acid Conc. 38%	B	C	A	A	A	A	C	B	A	A
Hydrocyanic Acid	A	B	A	B	A	A	C	B	A	A
Hydrofluorine-Acid(Cold)	B	C	C	C			C	C	A	A
Hydrofluorine-Acid(Hot)	B	C	C	C			C	C	A	A
Hydrofluosilicic Acid	A	B	A	C			C	A	A	A
Hydrogen Gas 338K	A	A	A	A	A	A	A	A	A	A
Hydrogen Gas Cold	A	A	A	A	A	A				
Hydrogen Peroxine 10%	C	C	A	A	A	A	A	A	A	A
Hydrogen Peroxine 30%	C	C	C	A	A	A	A	A	A	A
Hydrogen Peroxine 88%	C	C	C	A	B	C	A	A	A	A
Hydrogen Sulphide	A	B	A	A	A	A				
Hydrogen Sulphide Dry Cold	A		A	A			A	A	A	A
Hydrogen Sulphide Dry Warm	A	B	A	A						
Hydrogen Sulphide Wet Cold	A	C	A	A			A	A	A	A
Hydrogen Sulphide Wet Warm	A	A	A	A						
Hydrogen Sulphide Dry	A	B	A	A						
Hydrogen Sulphide Moist	B	B	A	A						
Hydrogen Superoxide 35%			A	A						
Ink-Oil	C	B	C	A			A			
Iodine	C	C	B	A	A	A	C	A	A	A
Iron Acetat Solution	A	A	A	A						
Iron Chloride	A	A	A	A						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Iron Chloride Sulphate	B		A	A						
Iron Hydroxide	C	C	A	A						
Iron and Zinc Phosphate Solution	A	A	A	A						
Iron Nitrate 338K	A	A	A	A						
Iron Sulphate	A	A	A	A						
Isoamyl-Acetate	C	C	C	C						
Isoamyl-Alcohol	C	C	C	C						
Isoamyl-Formate	C	C	C	C						
Isobutene	C	C	C	C						
Isobutyl-Acetate	C	C	C	C						
Isobutyl-Alcohol	B	C	C	C	C	C				
Isobutyl-Aldehyde	C	C	C	C						
Isobutyl-Formate	C	C	C	C						
Isocyanate	C	C	C	C						
Isopropyl-Acetate	B	C	B	B	B	C	B			
Isopropyl-Alcohol	A	B	A	C	C	C				
Isopropyl-Chloride	C	C	C	A			A	C		
Isopropyl-Ether	C	C	C	C	C	C	A	B		
Iso-Decane	C	C	C	C						
Iso-Dodecane	C	C	C	C						
Iso-Octane	C	B	C	C						
Jet Fuels (JP1,TIL, JP5)	C	B	C	C			A	C	A	A
Kerosene	C	B	C	C	C	C	A	B	A	A
Lacquers	C		C	C			A	C		
Lacquer-Solvents	C		C	C	B	C	A	C	C	C
Lactic Acid	B		B	A	A	B	A	A	A	A
Lactol	C	B	C	C						
Lard	C	B	C	B	C	C	A	A	A	A
Lauryl Ether Sulphate	B	C	A	B						
Lead Acetate	A	A	A	A	A	A	B	A	A	A



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Lead Nitrate	A	A	A	A						
Leadarsenate	A	B	A	A						
Leadsulphamate	A	A	A	A						
Limesulphur	A	A	A	A						
Limewater	A	A	A	A						
Linseed Oil	C	C	C	B	C	C				
Liquid Manure	A	A	A	A						
Lithiumhydroxide	A	A	A	A						
Lubricating Oil	C	B	C	B			A	B	A	A
Lye (Caustic)	A	A	A	A			A	A	A	A
Magnesium Carbonate	A	A	A	A	A	A	A	A	A	A
Magnesium Chloride	A	A	A	A	A	A	C	A	A	A
Magnesium Hydroxide	A	A	A	A	A	A	A	A	A	A
Magnesium Nitrate	A	A	A	A	A	A	A	A	A	A
Magnesium Sulphate	A	A	A	A	A	A	A	B	A	A
Magnesium Sulphide			A	A						
Magnesium Suphite			A	A						
Manganese Sulphate	A	A	A	A						
Margarine Oil	C	A	C	C						
Mercaptane	C	C	C	C						
Mercury	A	A	A	A	A	A	A	A	A	A
Mercurychloride	A	B	A	A	A	A				
Mercurycyanide	A	B	A	A	A	A				
Methanol(=Methylalcohol)	A	A	A	A	A	C	A	A	A	A
Methylene-Chloride	C	C	C	C	C	C	A	C	C	C
Methyl-Acetate	B	C	B	C	B	C	A	C		
Methyl-Acetone	B	B	C	C			A	C		
Methyl-Aceto-Acetate	C	C	C	C						
Methyl-Amine	C	C	C	C						
Methyl-Amyl-Acetate	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Naphta	C		C	C	C	C	A	C	A	A
Naphtalene	C	C	C	C	C	C	B	A	A	A
Naphthene	C	C	C	C						
Natural Gas	B	A	B	B	A	A	A	A		
Natural Gas(Dry)	B	A	B	A						
Natural Gas(Wet)	B	A	B	A						
Nickel Chloride	A	A	A	A	A	A	A	A	A	A
Nickel Hydroxide	B		A	A						
Nickel Nitrate	A	A	A	A	A	A				
Nickel Sulphate	A	A	A	A	A	A	A	A	A	A
Nicotine Bentonite	C	B	C	C						
Nicotine Sulphate	A	A	A	A						
Nitric Acid 10%	C	C	A	A	A	A	A	A	A	A
Nitric Acid 2%	C	C	A	A	A	A	A	A	A	A
Nitric Acid 25%	C	C	B	A	A	A	A	B	A	A
Nitric Acid 40%	C	C	B	A	A	A	A	B	A	A
Nitric Acid 60%	C	C	C	B	A	A	A	B	A	A
Nitric Acid 70%	C	C	C	C	A	A	A	B	A	A
Nitric Acid (Fuming)	C	C	C	C	A	A	A	C	C	C
Nitro Benzen	C	C	C	C			B	B	A	A
Nitro Glycerine	C	C	C	C						
Nitrosyl-Chloride	C	C	C	C						
Nitrous Acid	C	C	A	A	A	A				
Nitro-Ethane	C	C	C	C			A	C		
Nitro-Methane	C	C	C	C			A	C	A	A
Nitro-Octane	C	C	C	C						
Nitro-Propene	C	C	C	C						
Octane	C	B	C	C				C	A	A
Octyl-Alcohol	A	A	A	A						
Octyl Aldehyde	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Oleic Acid	C	C	C	B	C	C	A	B	A	A
Oleic Acid	C	B	C	C						
Olive Oil	C	B	C	C	C	C				
Oxalic Acid	A	B	A	A	B	B	A	A	A	A
Oxygen	B	B	A	A	A	A	A	C	A	A
Ozone	C	C	A	A	A	A		C	A	A
Palmitic Acid	C	B	C	C	C	C	A	A	A	A
Palmoil	C	B	C	C						
Paraformaldehyde	C	B	C	C						
Paraffin Oil 50%	C	C	C	C	C	C	A	A		
Pelarbonicacid	C	C	C	C						
Pentane	C	B	C	C			C			
Penta-Chlorine-Phenol	C	C	C	C						
Perchlorine-Acid	C	C	C	B			C	A	A	A
Perchlorine-Ethene	C	C	C	C						
Petroleum Till 363K	C	C	C	C						
Phenol	C	C	C	C	A	B	A	C	A	A
Phenyl-Ethyl-Ether	C	C	C	C						
Phosphoric Acid 7% (50°C)	A	A	A	A	A	A	B	A	A	A
Phosphoric Acid 7% (70°C)	B	B	A	A	A	A				
Phosphoric Acid 8% (80°C)	C	C	A	A	A	A				
Phosphoric Acid 50%	A	B	A	A	A	A	B	A	A	A
Phosphoric Acid 75%	A	B	A	A	A	A	B	A	A	A
Phosphoric Acid 85%	A	B	A	A	A	A	B	A	A	A
Phosphor-Tri-Butyrate		C	C	C						
Phosphorous Oxochloride	C	C	C	C						
Pickl.Sol.(20%Nitr.Acid,4%Hf)	C	C	B	A						
Picric Acid	B	C	A	A	C	A	C	B	A	A
Pine Oil	C	B	C	C						
Pinetree Oil	C	B	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Poly Acryl Acid	C	C	C	C						
Polyalcyline-Glycol	C	B	C	B						
Polyaluminium Chloride	B	A	B							
Polyvinyl Acetate	A		A				B	A	A	
Polyvinyl Alcohol Solvent	A	C	A							
Polyvinyl Alcohol Conc.	C	C	C							
Potassium Bichromate	B	B	A	A						
Potassium Borate	A	A	A	A						
Potassium Bromide	A	A	A	A			A	A	A	A
Potassium Carbonate	A	A	A	A	A	A	A	A	A	A
Potassium Chlorate	B	B	A	A			A	A	A	A
Potassium Chloride	A	A	A	A			C	A	A	A
Potassium Cyanide	A	A	A	A	A	A	A	A	A	A
Potassium Dichromate	B	B	A	A	A	A	A	A	A	A
Potassium Hydroxide	A	B	A	A	A	A	A	A	A	A
Potassium Nitrate	A	A	A	A			A	A	A	A
Potassium Permanganate	A	A	A	A	A	A	B	B	A	A
Potassium Sulphate	A	A	A	A			B	A	A	A
Potassium Sulphite	A	A	A	A						
Producer Gas	B	A	B	A						
Propane Gas	C	A	C	B	A	A	A	B	B	B
Propane Liquid	C	A	C	B			A	B	B	B
Propene Bromide	C	C	C	C						
Propene Carbonate	A	C	A	C						
Propene Chloric Hydrine	C	C	C	C						
Propene Chloride	C	C	C	C						
Propene Glycol	A	A	A	A						
Propene Glykol	A	A	A	A						
Propene Oxide	C	C		C						
Propene-Dichloride	C	C	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Propene-Di-Amine	C	C	C	C						
Propene-Trichloride	C	C	C	C						
Propionacid	C	C	C	C						
Propionitrile	A	A	A	C						
Propyl-Acetate	B	C	B	C			C	A	A	
Propyl-Alcohol	A	C	A	C						
Propyl-Benzene	A	A	A	C						
Propyl-Di-Chloride	C	C	C	C						
Propyl-Formate	C	C	C	C						
Propyl-Propionate	C	C	C	C						
Prussic Acid 20%	A	B	A	A						
Prussic Acid 98% Concentrated	B	B	A	A						
Pyranol 1467/ 76	C	C	C	C						
Pyridine	C	C	C	A	C	C	B	C	C	C
Quick Silver Nitrate	A	A	A	A	A	A				
Rapaseed Oil	C	B	C	C						
Resin (Rosin)	C	B	C	C						
Rotenone In Water	A	A	A	A						
Seawater	A	A	A	A			C	A	A	A
Sewage Water - no hydrocarbon	A	A	A	A			A	A	A	A
Shell DD	C	B	C	A						
Silicon Carbide Slurry	A	A	A	A						
Silicon-Fluoride	A	C	A	A						
Silicon Tetra Chloride										
Silicone-Oil	A	A	A	A	C	B	A	A		
Silver Cyanide (74 Gr/Ltr)	A	B	A	A						
Silvernitrate	A	A	A	A	A	A	A	A	A	A
Soap Oil	C	B	C	A						
Soap Solutions	A	B	A	A	B	A	A	A	A	A



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Soda	A	A	A	A						
Soda Lye 1,25%	B	C	B	C						
Soda Lye 2,5%	B	C	B	B						
Soda Lye 50% (338K)	C	C	B	B						
Sodium Acetate	A	A	A	A	A	A	A	A	A	A
Sodium Aluminate 3%	A	B	A	A			A	A	A	A
Sodium Aluminium Silicate	A	A	A	A						
Sodium Bicarbonate	A	A	A	A	A	A	A	A	A	A
Sodium Bisulfate	A	A	A	A			A	A	A	A
Sodium Bromide	A	C	A	A						
Sodium Carbonate	A	A	A	A	A	A	A	A	A	A
Sodium Chlorate	C	C	A	A	A	A	A	A	A	A
Sodium Chloride	A	A	A	A	A	A	C	A	A	A
Sodium Chloride 25%	A	A	A	A	A	A	C	A	A	A
Sodium Cyanide	A	A	A	A	A	A	A	A	A	A
Sodium Dichromate	B	B	A	A						
Sodium Iodide	B	C	A	A						
Sodium Fluor Aluminate	A	A	A	A						
Sodium Fluoride	A	A	A	A	A	A				
Sodium Hydrosulphide	A	A	A	A						
Sodium Hydroxide < 5% 90°C	A	B		A	A	A	A	A	A	A
Sodium Hydroxide 50% Max.	A	B	A	A	A	C	B	A	C	C
Sodium Hypochloride 20%	A	C	A	A			C	B	A	A
Sodium Hypochlorite	C	C	A	A	A	A				
Sodium Metabisulphate<2%	C	C	B	C						
Sodium Metabisulphite<2%	C	C	B	C						
Sodium Metabisulphate>2%	C	C	C	C						
Sodium Metabisulphite>2%	C	C	C	C						
Sodium Meta Phosphate	A	A	A	A			A	C		
Sodium Metaborate 18%, 333 K	A	A	A	A						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Sodium Nitrate	A	A	A	A	A	A	A	A	A	A
Sodium Nitrite	A	A	A	A						
Sodium Oleate	C	C	C	C						
Sodium Perborate	B	C	A	A			C	A	A	A
Sodium Peroxide	C	C	A	A			A	B	A	A
Sodium Phosphate	A	A	A	A			B	A	A	A
Sodium Phosphate Di Basic	A	A	A	A			A	A	A	A
Sodium Phosphate Mono Basic	A	A	A	A			A	A	A	A
Sodium Phosphate Tri Basic	A	A	A	A			A	A	A	A
Sodium Salt	A	A	A	A	A	A				
Sodium Silicate	A	A	A	A			A	A	A	A
Sodium Silico Aluminate	A	A	A	A						
Sodium Sulfate	A	A	A	A	A	A	A	A	A	A
Sodium Sulfide	A	A	A	A	A	A	A	A	A	A
Sodium Sulfite	A	A	A	A	A	A				
Sodium Thiosulfate	A	A	A	A			A	A	A	A
Soya Oil	A	A	A	A						
Spent Sulphite Liquor			A	A						
Spirit (Ethyl Alcohol)	A	B	A	A						
Stannic Chloride	A	A	A	A	A	A	C	A	A	A
Stearic Acid	C	B	C	C	C	C	A	B	A	A
Stromtium Ferrite	A									
Styrene (Monomer)	C	C	C	C			A	C	B	B
Succinic / Amber Acid	A		A							
Sulfamine Acid 2%	A	B	A	A						
Sulfur 363K	C	C	C	C			A	A	A	A
Sulfur Chloride	B	C	A	A			C	C	A	A
Sulfur Dioxide 1,5%			C				A	A	A	A
Sulfur Dioxide Gas	C	C	A	A	A	A				
Sulfuric Acid 5% 358 K				A	A	A	B	C	A	A



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Sulfuric Acid 10% Cold	A	A	A	A	A	A	B	C	A	A
Sulfuric Acid 10% 348 K			A	A	A	A	B	C	A	A
Sulfuric Acid 20%	A	B	A	A	A	A	B	C	A	A
Sulfuric Acid 30%	A	B	A	A	A	A	B	C	A	A
Sulfuric Acid 338K				A	A	A	B	C	A	A
Sulfuric Acid 50%	B	B	A	A	A	A	B	C	A	A
Sulfuric Acid 75% Cold	C	C	A	A	A	A	B	C	A	A
Sulfuric Acid 95% Cold	C	C	B	A	A	A	B	C	A	A
Sulfurous Acid 10%	A	B	A	A	A	A	B	A	A	A
Sulfurous Acid 75%	B	C	A	A	A	A	B	A	A	A
Sulfur smoke	A	B	A	A						
Sulfur trioxide	C	C	B	A						
Sulphur Dioxide 5% In Water	A	B	A	A						
Sulphonic Acid	C	C	C	B						
Sunflower Oil	C	A	C	C						
Tallow	C	B	C	B			A	B		
Tannic Acid	A	A	A	A	B	B	A	A	A	A
Tar	C	C	C	C			B			
Tartaric Acid	A	A	A	B	A	A	A	A	A	A
Tartaric Oil	A	B	A	A						
Tetra-Bromo-Ethane	C	C	C	C				C		
Tetra-Butyl-Titanate	C	C	C	C						
Tetra-Chloro-Carbon	C	C	C	C						
Tetra-Chloro-Difluor-Ethane	C	C	C	C						
Tetra-Chloro-Ethane	C	C	C	C			A	C		
Tetra-Chloro-Naftaline	C	C	C	C						
Tetra-Fluor-Carbon	C	C	C	C						
Tetra-Hydro-Furan	C	C	C	C			A	C	B	B
Thorium Slurry	A	B	A	A						
Titanium Dioxide (30%)	A	B	A	A						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	Natural rubber	Buna-N (NBR)	EPDM	Hypalon	Norprene A-60-F	Tygon LFL	STAINLESS STEEL	POLYPROPYLENE	PVDF	HALAR
Titanium Sulphate (1%)	A	B	A	A						
Toluene	C	C	C	C	C	C	A	C	A	A
Tributoxy-Phosphate	C	C	C	C						
Tributyl-Phosphate	C	C	C	C				A	A	A
Trichloro-Benzene	C	C	C	C						
Trichloro-Ethene	C	C	C	C	C	C	A	C	A	A
Trichloro-Fluorine-Methane	C	C	C	C						
Trichloro-Trifluor-Ethane	C	C	C	C						
Tricesyl-Phosphate	C	C	C	C	A	C	A	B		
Triethanol-Amine	C	C	C	C	C	C	A	A	A	A
Triferyl- Phosphate	A	A	A	A						
Trisodium-Phosphate	C	C	C	A	A	A				
Tung Oil (China Wood Oil)	C	C	C	C			B			
Turpentine	C	C	C	C			A	B	A	A
Uranium	A	A	A	A						
Urea	A	A	A	A	A	A				
Urine	A	B	A	A			A	A	A	A
Vegetable Oil	C	B	C	B	C	C	A	A	A	A
Vinegar	B	C	A	A	A	A	A	A	A	A
Vinegar Anhydride 50%	C	C	B	A						
Vinylchloride	C	C	C	C						
Water	A	A	A	A	A	A	A	A	A	A
Water, Condensation	A	A	A	A	A	A	A	A	A	A
Water, Distilled	A	A	A	A	A	A	A	A	A	A
Water, Drink	A	A	A	A	A	A	A	A	A	A
Water, Min.With Oxyd.Salts	B	C	A	A			A	A	A	A
Water, Min.Without Oxyd. Salts	A	A	A	A			C	A	A	A
Whisky And Wine	A	A	A	A			A	A	A	A
White Oil 10%	C	A	C	C						
White Spirit	C	B	C	C						



CHEMICAL RESISTANT CHART

	HOSES						CONNECTIONS			
	<i>Natural rubber</i>	<i>Buna-N (NBR)</i>	<i>EPDM</i>	<i>Hypalon</i>	<i>Norprene A-60-F</i>	<i>Tygon LFL</i>	<i>STAINLESS STEEL</i>	<i>POLYPROPYLENE</i>	<i>PVDF</i>	<i>HALAR</i>
Wood Oil	C	C	C	C			A			
Woolfat	C	C	C							
Yeast	A	A	A	A						
Xylene	C	C	C	C	C	C	A	B	A	A
Zeolite	B	B	A	A						
Zinc Borat	A	A	A	A						
Zinc Chloride	A	A	A	A	A	A	C	A	A	A
Zinc Oxide 300K	A	A	A	A						
Zinc Sulfate	A	A	A	A			A	A	A	A
Zinc ammonium Chloride	A	C	A	A						
Zinc Hydroxide Precipitate	A	B	A	A						