



Atlas Minerals & Chemicals, Inc.



CHEMICAL RESISTANCE CHART

4-5002 (8-00)

Supersedes 4-5002 (1-98)

ANCHOR-LOK™

Key:

R = Resistant

L = Limited Resistance

N = Not Resistant

D = Discoloration Possible

asc = As Supplied Commercially

* = Or boiling point

** = Does not apply to welded joints
(including joints produced by thermal bending).

Information available from ATLAS.

Note: The information presented in the chemical resistance tables is based on judgements derived from laboratory testing and field experience. The tables have been prepared as a guide to performance. No guarantee of results is made or implied and no liability in connection with this information is assumed. In actual service, ANCHOR-LOK is subject to splash and spillage, as well as dilution effects of wash water, mixing with other solutions, wetting and drying cycles, temperature cycling and cleaning procedures. The information presented herein should be supplemented by in service testing. The data furnished in the tables may be revised on the basis of further testing. Concentration of chemical - where no percentages are given, the data is valid for all possible concentrations of the chemical. The temperature resistance shown for ANCHOR-LOK PVDF is limited to the maximum temperature to which concrete can be subjected.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Acetaldehyde	technical grade	R	L	L			N	N	N		
Acetaldehyde, Aqueous		R	L	R	R		L	N	N		
Acetaldehyde:Acetic Acid	90:10	R					N	N	N		
Acetamide		R	R	R	R				N		
Acetic Acid	100%	R	L, D	R	L, D	N	R	N	R	L	N
Acetic Acid, Aqueous	70%	R	R	R	R	R	L	N	R	R	L
Acetic Anhydride	technical grade	R	L	R	L	N	N	N	N		
Acetoacetic Acid		R					L	N	R	L	N
Acetone	technical grade	R	R*	R	R*		N	N	L	N	
Acetophenone	technical grade	R		R	L				R	N	
Acetylene		R							R		
Acids, Aromatic		R	R	R	R		R	L	R	R	L
Acrylonitrile	technical grade	R	R	R			N	N	L	N	
Adipic Acid, Aqueous	saturated	R	R	R	R	R	R	L	R		
Adipic Ester		R	L				N	N	R	R	L
Allyl Acetate		R	R to L				N	N	R	L	N
Allyl Alcohol (2-Propenol-1)	96%	R	R	R	R		L	N	R	R	R
Allyl Chloride		L	N				N	N	R	L	N
Aluminum Chloride, Aqueous		R	R	R	R	R	R	R	R	R	R
Aluminum Chloride, Solid		R	R	R	R	R	R	R	R	R	R
Aluminum Fluoride		R	R				R	R	R	R	R
Aluminum Hydroxide		R	R	R	R		R	R	L	N	
Aluminum Metaphosphate		R	R	R	R		R	R	R	R	R
Aluminum Sulfate, Aqueous	saturated	R	R	R	R	R	R	L	R	R	R
Aluminum Sulfate, Solid		R	R	R	R		R	R	R	R	R
Alum, Aqueous		R	R	R	R		R	R	R	R	R
Amino Acids		R	R	R	R		R	L	R	R	R
2-Aminoethanol (Ethanolamine)	technical grade	R					L	N	R	L	
Ammonia, Aqueous		R	R	R	R		R	L	L	N	
Ammonia, Gaseous		R	R	R	R		R	R	R	L	L
Ammonia, Liquid		R		R					L	N	
Ammonia Water		R	R	R	R		R	L	L	N	
Ammonium Acetate, Aqueous		R	R	R	R	R	R	L	R	R	R
Ammonium Carbonate, Aqueous		R	R	R	R	R	R	L	R	R	R
Ammonium Chloride, Aqueous		R	R	R	R	R	R	L	R	R	R
Ammonium Fluoride, Aqueous	saturated	R	R	R	R		R	L	R	R	R

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Ammonium Hydrosulfide, Aqueous		R	R	R	R		R	L	L	N	
Ammonium Hydroxide, Aqueous	saturated	R	R	R	R		R	L	R	L	
Ammonium Metaphosphate		R	R	R	R		R	R	R	R	R
Ammonium Nitrate, Aqueous		R	R	R	R	R	R	L	R	R	R
Ammonium Phosphate, Aqueous		R	R	R	R	R	R	R	R	R	R
Ammonium Sulfate, Aqueous		R	R	R	R	R	R	L	R	R	R
Ammonium Sulfide, Aqueous		R	R	R	R	R	R	L	R	R	
Ammonium Thiocyanate		R	R	L	N		R	L	R	R	L
Amyl Acetate	technical grade	R	R	L	N		N	N	R	L	
Amyl Alcohol (C ₅ Alcohols)	technical grade	R	R	R	R	R	R	L	R	R	R
Amyl Chloride	100%	L	N				N	N	R	R	L
Amyl Phthalate		R	L				L	N	R	L	
Aniline		R	R	R	R		N	N	R	N	
Aniline Hydrochloride, Aqueous		R	R	R	R		R	N	R		
Animal Oils		R	L	R	L						
Anon (Cyclohexanone)		R	L	R	L		N	N	R	L	N
Anthraquinone Sulfonic Acid, Aqueous (Suspension)		R	R	R			R	L	R	R	R
Antifreeze (Automotive)	asc	R	R	R	R	R	R	L	R	R	R
Antimony Chloride, Anhydrous		R	R	R		R	R	R	R	L	
Antimony Pentachloride		R	R	R	R		R	L	R	R	L
Antimony Trichloride		R	R	R	R		R	L	R	R	L
Aqua Regia (HCl + HNO ₃)		N		N	N		R	L	L		
Aromatic Oils		L	N	L	L to N		L	N	R	R	L
Arsenic Acid, Aqueous		R	R	R	R		R	L	R	R	R
Arsenic Acid Anhydride		R	R	R	R		R	R	R	R	L
Ascorbic Acid		R	R	R	R		R	R	R	R	R
Asphalt		R	L, D	R	L, D		R	L	R	R	R
Barium Hydroxide, Aqueous		R	R	R	R		R	L	R	L	N
Barium Salts, Aqueous		R	R	R	R	R	R	R	R	R	R
Battery Acid		R	R	R	R		R	L	R	R	R
Beater Glue (Animal Glue)	asc	R	R	R	R		R	R	R	R	R
Beef Tallow		R	R to L	R	R		R	L	R	R	R
Beer		R	R	R	R		R	R	R	R	R
Beer Sugar Coloring	ASC	R	R	R	R		R	L	R	R	R
Beeswax		R	L to N	R	L to N		R	R	R	R	R
Benzaldehyde, Aqueous		R	R to L	R			N	N	R		
Benzaldehyde in Isopropyl Alcohol	1%	R	R				L	N	R		
Benzene	technical grade	L	N	L	N		N	N	R	L	
Benzene Sulfonic Acid		R	R	R	R		R	L	R	R	L
Benzoic Acid, Aqueous		R	R	R	R	R	R	L	R	R	R
Benzoyl Alcohol		R	R	R	R		L	N	R	R	L
Benzoyl Chloride		L	L	L			L	N	R	R	L
Benzyl Chloride		L	N	L	N		L	N	R	R	L
Bichromate - Sulfuric Acid	concentrated	N		N			R	L	R	R	L
Bismuth Salts		R	R			R	R	R	R	R	
Bisulfite Liquor		R	R	R	R		R	L	R	R	R
Bitumen		R	L, D	R	L, D		R	L	R	R	R
Bleaching Solution, 12.5% Active Chlorine		L**	N	L**	L**	N	R	L	L	N	
Bone Oil		R	R	R	R		L	N	R	R	R
Borax (Sodium Tetraborate), Aqueous	saturated	R	R	R	R	R	R	L	R	R	R
Boric Acid, Aqueous		R	R	R	R	R	R	L	R	R	R
Boron Trifluoride		R	R to L				L	N	R	R	L
Brake Fluid		R	R	R	R		L	N	R	R	R
Brandy		R		R			R	L	R	R	R
Bromic Acid	concentrated	N		N			R	R	R	R	R
Bromine, Liquid	100%	N		N			N	N	R	R	L

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Bromine Vapors		N		N			N	N	R	R	L
Bromine Water	cold saturated	R		N			R	L	R	R	L
1,3-Butadiene, Gaseous	technical grade	L	N	L	N		R		R	R	R
Butanediol, Aqueous		R	R	R	R		R	N	R	R	L
Butanetriol, Aqueous		R	R	R	R		R	N	R	R	L
Butane, Gaseous		R		R	R		R		R		
Butanol		R	R	R			R	L	R	R	L
Butanone		R	L to N	R			N		L	N	
Butoxyl (Methoxybutylacetate)		R to L	L	R			N		R	L	N
Butter		R		R	R		R	L	R	R	L
Butylene Glycol	technical grade	R	R	R			R	L	R	R	R
Butylene (Butene), Liquid	technical grade			L			R		R		
Butyl Acetate		R	L	L	N		N		R	N	
Butyl Acrylate		R	L	R			N		R	N	
Butyl Alcohol		R	R	R			R	L	R	R	R
Butyl Benzyl Phthalate		R	R				L	N	R	L	N
Butyl Phenol	technical grade	R	R	R			L	N	R	R	R
Butyl Phthalate (Dibutyl Phthalate)	technical grade	R	L	R	L		N	N	R	L	N
Butyric Acid, Aqueous		R	L	R			L	N	R	R	L
Cadmium Chloride		R	R	R	R	L	R	L	R	R	R
Cadmium Nitrate		R	R	R	R	L	R	L	R	R	R
Cadmium Sulfate		R	R	R	R	L	R	L	R	R	R
Calcium Carbide		R	R	R	R		R	R	R	R	L
Calcium Carbonate		R	R	R	R	R	R	R	R	R	R
Calcium Chlorate, Aqueous	saturated	R	R	R	R		R	R	R	R	R
Calcium Chloride, Aqueous	saturated	R	R	R	R	R	R	L	R	R	R
Calcium Hydroxide		R	R	R	R		R	R	R	L	N
Calcium Hypochlorite, Aqueous (Susp.)		R	R	R	R		R	L	R	L	N
Calcium Nitrate, Aqueous	50%	R	R	R	R		R	R	R	R	R
Calcium Oxide (Powder)		R	R	R	R		R	R	R	R	R
Calcium Phosphate		R	R	R	R		R	R	R	R	L
Calcium Sulfate		R	R	R	R		R	R	R	R	R
Calcium Sulfide, Aqueous	<10%	L	L				R	R	L	L	N
Camphor		R	L	R			L	N	R	R	L
Camphor Oil		N		N			L	N	R	R	L
Cane Sugar, Aqueous		R	R	R	R		R	L	R	R	R
Carbazole		R	R	R	R		L	N	R	L	N
Carbolic Acid (Phenol)		R	R, D	R	R, D		L	N	R	R	R
Carbolineum	asc	R		R					R	L	N
Carbolineum, Aqueous (For Fruit Trees)		R, D	L, D	R, D	L, D				R	L	N
Carbonic Acid, Aqueous		R	R	R	R		R	R	R	R	R
Carbonic Acid, Dry	100%	R	R	R	R		R	R	R	R	R
Carbon Dioxide	100%	R	R	R	R		R	R	R	R	R
Carbon Disulfide		L		L	L		N		R	N	
Carbon Monoxide, Gaseous	technical grade	R	R				R	R	R	R	R
Castor Oil		R	R	R	R		R	L	R	R	R
Caustic Soda Solution		R	R	R	R	R	R	L	L	L	N
Cetyl Alcohol (Hexadecanol)		R	R	R			L	N	R	L	N
Chloral Hydrate, Aqueous		R	R, D	L	N		N		N		
Chloral (Trichloroacetaldehyde)	technical grade	R	R	R	R		L	N	N		
Chloramine, Aqueous	saturated	R		R			L	N	N		
Chloric Acid, Aqueous	1%	R	R	R	L	N	R	L	R	R	
Chloric Acid, Aqueous	10%	R	R	R	L	N	R	L	R	R	
Chloric Acid, Aqueous	20%			R	N		R	L	R		
Chlorinated Lime		R	R	R	R		R	R	R	L	N
Chlorine, Aqueous Solution (Chlorine Water)	saturated	R	L	L	N		L	L	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Chlorine, Gaseous, Dry		L	N	N			R	L	R	R	L
Chlorine, Gaseous, Moist		L	N	N			L	N	R	R	L
Chlorine, Liquid		N		N			N		R	R	L
Chlorine Dioxide		N		N			R	L	R	R	R
Chloroacetic Acid, Aqueous	<85%	R	R	R	R		R	L	R	N	
Chlorobenzene		L	N	L	N		N		R	R	N
Chloroformic Acid Ester		R	L				N		R	L	N
Chloroform	technical grade	L to N	N	L	N		N		R	L	N
Chloromethyl Bromide		N		N			N				
Chloropicrin		R to L	N				N		R	L	N
Chlorosulfonic Acid	technical grade	N		N			L	N	L	N	
Chrome Alum, Aqueous (Potassium Chromic Sulfate)	saturated	R	R	R	R		R	R	R	R	L
Chrome Anode Slime		R	R	R			R	R	R	R	L
Chrome Salts, Aqueous		R	R	R	R		R	R	R	R	R
Chromic Acid, Aqueous	5%	R	L	R	R	N	R	R	R	R	L
Chromic Acid, Aqueous	10%	R	L	R	R	N	R	R	R	R	L
Chromic Acid, Aqueous	50%	L**	N	L, D**	L, D**		R	L	R	R	L
Chromium Trioxide, Aqueous	50%	L**	N	L, D**	L, D**		R	L	R	R	L
Chromosulfuric Acid		N		N			R	L	R	R	L
Cider		R	R	R	R		R		R	R	R
Citric Acid, Aqueous	saturated	R	R	R	R	R	R	L	R	R	R
Citrus Fruit Juices		R	R	R	R		R	R	R	R	R
Coal Tar Oil		R, D	L	R, D			L	N	R	L	N
Coconut Oil		R		R			R	L	R	R	R
Coconut Oil Alcohol	technical grade	R	L	R	L		R	L	R	R	L
Cod Liver Oil		R	L	R			L	N	R	R	R
Coffee Extract		R	R	R	R		R	L	R	R	R
Cognac		R		R			R		R	R	L
Cola Concentrates		R	R	R	R		R	L	R	R	R
Common Salt, Aqueous		R	R	R	R		R	R	R	R	R
Coolants and Lubricants for Metalworking		L	L	L	L		R	L	R	R	R
Copper Chloride, Aqueous	saturated	R	R	R			R	L	R	R	R
Copper Cyanide, Aqueous	saturated	R		R	R		R	L	R	R	R
Copper Fluoride, Aqueous	saturated	R	R	R			R	L	R	R	R
Copper Nitrate, Aqueous	30%	R	R	R	R		R	L	R	R	R
Copper Salts, Aqueous	cold saturated	R	R	R	R		R	L	R	R	R
Copper Sulfate, Aqueous		R	R	R	R		R	L	R	R	R
Corn Oil		R	L	R	L		L		R	R	R
Cottonseed Oil	technical grade	R	R	R	R		L		R	R	R
Coumarone Resins		R	R	R			R	L	R	R	R
Creosote		R	R, D	R	R, D		L	N	R	R	L
Cresol	100%	R	L, D	R	L, D		L	N	R	R	N
Cresol, Aqueous	dilute	R	R, D	R	R, D		L	N	R	R	N
Crotonaldehyde	technical grade	R	L	R			N		R	L	N
Crude Oil		R	L	L			L	N	R	R	R
Cyclanone (Fatty Alcohol Sulfonate)	asc	R	R	R	R		N		R	R	R
Cyclohexane		R	R	R			N		R	R	R
Cyclohexanol		R	R	R	R		R	L	R	L	N
Cyclohexanone (Anon)		R	L	R	L		N	N	R	L	N
Decahydronaphtalene (Dekalin)	technical grade	R	L	L	L		N		R	R	L
Defoamers		R	R to L	R					R	R	R
Detergents		R	R	R	R		R	L	R	R	R
Detergents, Synthetic	end use concentration	R	R	R	R		R	L	R	R	R
Developer Solutions (Photographic)		R, D	R, D	R, D	R, D		R	L	R	R	L
Dextrin (Starch Gum), Aqueous	18%	R	R	R	R		R	R	R	R	R
Dextrose		R	R	R	R		R	L	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Dextrose, Aqueous		R	R	R	R		R	L	R	R	R
1,2-Diaminoethane (Ethylenediamine)	technical grade	R	R	R	R		L	N	R	N	N
1,2-Dibromoethane		L	N	L	N		L	N	R	R	L
Dibutyl Ether		R to L	N	L	N		N		R	N	
Dibutyl Phthalate (Butyl Phthalate)	technical grade	R	L	R	L		N		R	N	
Dibutyl Sebacate		R	L	R			N		R	N	
Dichloroacetic Acid	technical grade	R	L, D	R			R	L	R	R	L
Dichloroacetic Acid	50%	R	R	R			R	L	R	R	L
Dichloroacetic Acid Methyl Ester		R	R	R	R		N		L	N	
Dichlorobenzene		L	N	L			N		R	L	N
Dichlorodiphenyltrichloroethane (DDT, Powder)		R	R	R	R		R	L	R	R	L
1,2-Dichloroethane (Ethylene Dichloride)		L	N	L	N		N		R	R	L
1,1-Dichloroethylene (Vinylidene Chloride)	technical grade	N		N			N		R	R	R
Dichloropropane		L	N				N		R	R	L
Diesel Fuel		R	L	R	L		R	L	R	R	R
Diethanolamine	technical grade	R		R			L	N	R	N	
Diethylene Glycol		R	R	R	R		L	N	R	R	R
2-Diethylhexylphthalate		R	L				N		R	N	
Diethylketone		R	L				N		L	N	
Diethyl Ether		R to L	L*	L			N		R	L	N
Diglycolic Acid, Aqueous	30%	R	R	R	R		R	L	R	L	
Dihexyl Phthalate	technical grade			R	L		N		R	N	
Diisobutylketone	technical grade	R	L to N	R	N		N		R	L	N
Diisooctyl Phthalate	technical grade	R	L	R	L		N		R	N	
Diisopropyl Ether		R to L	N				N		R	R	N
Dimethylamine		R	L	R			L	N	L	N	
Dimethyl Formamide	technical grade	R	R to L	R	R		N		N		
Dimethyl Sulfoxide		R	R				N		N		
Dinonyl Phthalate (DNP)	technical grade	R	L	R	L		N		R	N	
Diocetyl Phthalate (DOP)		R	L	R	L		N		R	N	
Dioxane		R	R	L	L	N	N		L		
Diphenylamine		R	L				N		L	N	
Diphenyl Oxide		R	L				N		R	L	N
Disodium Pphosphate		R	R	R	R		R	L	R	R	L
Disodium Sulfate		R	R	R	R		R	L	R	R	R
Dodecylbenzenesulfonic Acid		R	L	R			N		R	R	L
Drinking Water, Also Chlorinated		R	R	R	R	R	R	R	R	R	R
Dyes		R, D	R, D				R	L	R	R	L
Electrolytic Baths For Electroplating		R to L	L				R	L	R	R	L
Emulsifiers		R	R	R	R		R	L	R	R	L
Emulsions (Photographic)		R	R	R	R		R	R	R	R	R
Ephetin, Aqueous	10%	R	R	R	R	R	R	R	R	R	R
Epichlorohydrin		R	R	R			L	N	R	L	N
Esters, Aliphatic	technical grade	R	R to L				R		L	N	
Ethane		R	R				R		R	R	R
Ethanol	96%	R	R	R	R	R	R	L	R	R	R
Ethanolamine (2-Aminoethanol)	technical grade	R					L	N	R	N	
Ethanol, Denaturated with Toluene	96% (v/v)	R					R	L	R	R	R
Ethereal Oils		L	N	L	N		L	N	R	R	L
Ether		R to L	L*	L			N		R	L	N
Ethylene		R	R				N		R	R	L
Ethylene Chlorohydrin	technical grade	R	R, D	R	R, D		N		R	L	N
Ethylenediamine (1,2-Diaminoethane)	technical grade	R	R	R	R		L	N	R	N	N
Ethylenediamine Tetraacetic Acid		R	R	R	R		L	N	R	R	L
Ethylene Dibromide		L	N				N		R	R	L

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Ethylene Dichloride (1,2-Dichloroethane)		L	N	L	N		N		R	R	L
Ethylene Glycol		R	R	R	R	R	R	R	R	R	R
Ethylene Glycol Monobutyl Ether	technical grade	R		R			N		R	L	N
Ethylene Oxide, Gaseous		R	R	R			N		R	R	L
Ethyl Acetate		R	L	R	L		N		L	N	
Ethyl Alcohol		R		R	R	R*	R	L	R	R	L
Ethyl Alcohol + Acetic Acid (Ferment. Mixture)	as used in production	R	R	R	R		R	L	R	R	L
Ethyl Benzene	technical grade	L		L	N		N		R	L	N
Ethyl Chloride	technical grade	L		N			N		R	R	L
Ethyl Ether	technical grade	R to L	L*	L			N		R	L	N
Fatty Acids (C ₆)		R	R to L	R	R		R	L	R	R	R
Fatty Acids Amides		R	L	R			R	L	R	L	N
Fatty Alcohols		R	L	R			N		R	R	R
Ferric Ammonium Sulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Ferric Chloride, Aqueous		R	R	R	R		R	L	R	R	R
Ferric Nitrate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Ferric Sulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Ferrous Chloride, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Ferrous Sulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Fertilizer Salts, Aqueous		R	R	R	R		R	L	R	R	R
Fluorine, Gaseous		N		N			N		N		
Fluoroboric Acid, Aqueous		R	L	R	L	N	R	R	R	R	R
Fluorosilicic Acid		R	R	R	L	N	R	R	R	R	R
Formaldehyde, Aqueous	to 40%	R	R	R	R		R	L	R	R	L
Formamide		R	R	R	R		N				
Formic Acid, Aqueous	10%	R	R	R	R		R	L	R	R	R
Formic Acid, Aqueous	85%	R	R	R	L		R	N	R	R	R
Frigen 12 (Freon 12)	100%	L	N	L			R	N	L		
Fructose (Fruit Sugar), Aqueous		R	R	R	R	R	R	L	R	R	R
Fruit Juices		R	R	R	R	R	R	R	R	R	R
Fruit Juices, Fermented		R	R	R	R		R	L	R	R	L
Fruit Pulp		R	R	R	R		R	L	R	R	R
Fuel Oil		R	L	R	L		R	L	R	R	R
Fuming Sulfuric Acid (H ₂ SO ₄ + SO ₃)		N		N			N		R	N	
Furfural		R	N	N			N		R	N	
Furfuryl Alcohol		R	R, D	R	L, D		N		R	L	N
Gelatin		R	R	R	R		R	R	R	R	R
Glauber's Salt, Aqueous		R	R	R	R	R	R	R	R	R	R
Glucose, Aqueous		R	R	R	R	R	R	L	R	R	R
Glycerin, Aqueous		R	R	R	R	R	R	R	R	R	R
Glycerin, Chlorohydrin		R	R	R			L	N	R	L	N
Glycine (Aminoacetic Acid)		R	R	R	R		R	L	R	R	L
Glycolic Acid, Aqueous	to 70%	R	R	R			R	L	R	R	R
Glycolic Acid Butyl Ester		R	R				N		R	N	
Glycol, Aqueous	asc	R	R	R	R	R	R	R	R	R	R
Heptane		R	L	L	L		R		R	R	R
Hexafluorosilicic Acid, Aqueous	40%	R	R				R	R	R	R	R
Hexane		R	L	R	L		R		R	R	R
Hexanetriol		R	R	R	R	R	R	R	R	R	L
Honey		R	R	R	R		R	L	R	R	R
Hydraulic Fluid		R	L				L	N	R	R	L
Hydrazine Hydrate		R	R	R			R		R	L	N
Hydrobromic Acid, Aqueous	50%	R	R	R	R		R	R	R	R	R
Hydrochloric Acid, Aqueous		R	R	R, D	R, D	L, D	R	L	R	R	R
Hydrocyanic Acid		R	R	R	R		R	L	R	R	R
Hydrofluoric Acid, Aqueous	85%	R	L	R			R	L	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Hydrogen		R	R	R	R		R	R	R	R	R
Hydrogen Bromide, Gaseous	technical grade	R	R				R		R	R	R
Hydrogen Chloride Gas, Dry and Moist		R	R	R	R, D		R		R	R	R
Hydrogen Peroxide, Aqueous	10%	L	N	R	R		R	L	R	R	R
Hydrogen Peroxide, Aqueous	30%	L	N	R	L		R	L	R	R	R
Hydrogen Sulfide, Aqueous	saturated	R	R	R	R		R	R	R	R	R
Hydrogen Sulfide, Gaseous		R	R	R	R		R	L	R	R	R
Hydroquinone		R, D	R, D	R, D			R	L	R	R	R
Hydroxylamine Sulfate, Aqueous	12%	R	R	R	R		R	L	R	L	N
Hypochlorous Acid		R	L	R to L	L		R	L	R	L	N
Hyposulfite, Aqueous	to 10%	R	R	R	R		R	L	R	L	N
Iodine in Potassium Iodide Solution	3% Iodine	R	R	R	R		L	N	R	R	L
Iodine Tincture, DAB 6	ASC	R	L, D	R			N		R	R	L
Isoamyl alcohol	technical grade	R	L				L	N	R	R	L
Isobutyl Alcohol (Isobutanol)		R	R	R			R	L	R	R	L
Isobutyric Acid	technical grade	R	L				L	N	R	R	R
Isooctane		R	L	R	L		R		R	R	R
Isopropanol	technical grade	R	R	R	R	R	R	L	R	R	L
Isopropyl Acetate	100%	R	L				N		L	N	
Isopropyl Ether	technical grade	R to L	N	L	N		N		R	R	N
Jam		R	R	R	R	R	L	R	R	R	
Kerosene		R	L	R	L		R	R	R	R	R
Lactic Acid, Aqueous		R	R	R	R	R	R	L	R	L	N
Lactose (Milk Sugar)		R	R	R	R		R	L	R	R	R
Lanolin (Wool Fat)		R	R	R	L		R	L	R	R	R
Latex		R	R	R	R		R	R	R	R	R
Lead Acetate, Aqueous		R	R	R	R		R	R	R	R	R
Lead Tetraethyl		R		R			R		R	R	R
Lime		R	R	R	R	R	R	R	R	R	R
Lime Water		R	R	R	R		R	R	R	R	L
Linseed Oil	technical grade	R	R	R	R	R	R	L	R	R	R
Liquor		R		R			R	R	R	R	L
Liquid Soaps		R	R	R	R		R	L	R	R	R
Lithium Bromide		R	R	R	R		R	L	R	R	R
Lubricating Oils	technical grade	R	R to L	R			R	L	R	R	R
Lysol		R	L	R	L		R	N	R	L	N
Machine Oil		R	L	R	L	N	R	L	R	R	R
Magnesium Carbonate, Aqueous		R	R	R	R		R	L	R	R	R
Magnesium Fluorsilicate		R	R				R	L	R	R	R
Magnesium Hydroxide		R	R	R	R		R	R	R	R	R
Magnesium Iodide		R	R	R	R		R	L	R	R	L
Magnesium Salts, Aqueous		R	R	R	R	R	R	L	R	R	R
Magnesium Sulfate, Aqueous		R	R	R	R		R	L	R	R	R
Maleic Acid, Aqueous		R	R	R	R	R	R	L	R	R	R
Manganese Sulfate		R	R	R			R	R	R	R	R
Margarine		R	R	R	R		R	L	R	R	R
Mayonnaise		R		R			R	L	R	R	R
Menthol		R	L	R			R	L	R	R	L
Mercury		R	R	R	R		R	R	R	R	R
Mercury Chloride		R	R				R	L	R	R	R
Mercury Salts		R	R	R	R		R	L	R	R	R
Metal Soaps		R	R	R			R	L	R	R	L
Methacrylic Acid		R	R	R	R		R	L	R	L	N
Methanol	technical grade	R	R	R	R		R	L	R	R	R
Methoxybutanol		R	L	R			N	N	R	R	L
Methoxybutyl Acetate (Butoxyl)		R	L	R			N		R	L	N
Methylamine, Aqueous	32%	R		R			L	N	L	N	
Methylene Chloride (Dichloromethane)		L	L*	L	N*		N		R	L	N

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Methylisobutyl Ketone		R	L to N	R			N		N		
Methyl Acetate	technical grade	R		R	L		N		R	N	
Methyl Acrylate		R	R				N		R	N	
Methyl Alcohol		R	R	R	R		R	L	R	R	R
Methyl Benzene		L	N	L	N		N		R	L	N
Methyl Benzoic Acids (Toluyl Acids)	saturated	L					R	L	R	R	R
Methyl Bromide, Gaseous	technical grade	N		N			N		R	R	R
Methyl Chloride, Gaseous	technical grade	L		N			N		R	R	L
Methyl Cyclohexane		L	L to N	L			N		R	R	L
Methyl Ethyl Ketone	technical grade	R	L	R	L		N		L	N	
Methyl Glycol		R	R	R	R		R	L	R	R	R
Methyl Methacrylate		R	R				N		R	L	N
Methyl Propyl Ketone		R	L	R			N		N		
N-Methyl Pyrrolidone		R	R				N		R	N	
Methyl Salicylate (Salicylic Acid Methyl Ester)		R	L	R			N		R	R	R
Methyl Sulfuric Acid	50%	R	R	R	R		R	R	R	R	L
Milk		R	R	R	R	R	R	R	R	R	R
Mineral Oil		R	R to L	R	L	N	R	L	R	R	R
Mineral Water		R	R	R	R	R	R	R	R	R	R
Molasses		R	R	R	R		R	L	R	R	R
Molasses Wort		R	R	R	R		R	L	R	R	R
Monochloroacetic Acid		R	R	R	R		L	N	R	N	
Monochloroacetic Acid Ethyl Ester		R	R	R	R		L	N	R	L	N
Monochloroacetic Acid Methyl Ester		R	R	R	R		L	N	R	L	N
Monochlorobenzene		L	N	R			N		R	R	N
Morphine		R	R	R	R		N		R	N	
Motor Oil (Heavy Duty Oil)		R	R to L	R	L		R	L	R	R	R
Mustard		R	R	R			R	L	R	R	R
Nail Varnish Remover		R	L	R	L		N		L	N	
Naphthalene		R	L	R			N		R	R	
Naphtha		R	L	R	L		L	N	R	R	R
Naphtha/Benzene Mixture	80/20	R	L	L	N		N		R	L	N
Nickel Chloride		R	R	R	R		R	L	R	R	R
Nickel Nitrate		R	R	R	R		R	L	R	R	R
Nickel Salts, Aqueous		R	R	R	R		R	L	R	R	R
Nickel Sulfate, Aqueous		R	R	R	R		R	L	R	R	R
Nicotine	<10%	R	R				R	L	N	N	
Nicotinic Acid		R		R			R	L	R	R	R
Nitric Acid	10%	R**	R**	R**	R**		R	R	R	R	R
Nitric Acid	25%	L**	L**	L**	L**		R	R	R	R	R
2,2,2-Nitritotriethanol (Triethanolamine), Aqueous				R, L	R		N		R	L	N
Nitrobenzene		R	L	R	R		N		R	R	R
o-Nitrotoluene		R	L	R	N		N		R	R	L
Nonyl Alcohol (Nonanol)		R	R	R			L	N	R	L	N
Octyl Cresol	technical grade	L	N	L	N		N		R	L	N
Oils, Ethereal		L	N	L	N		R	L	R	R	R
Oleic Acid		R	L	R	L	N	R	R	R	R	R
Olive Oil		R	R	R	R	R	R	R	R	R	R
Orange Juice		R	R	R	R		R	L	R	R	R
Oxalic Acid, Aqueous		R	R	R	R	R	R	R	R	L	N
Oxygen		R	R	R	R		R	R	R	R	L
Palmitic Acid		R	R	R	R		R	L	R	R	R
Palmityl Alcohol		R		R	R		R	N	R	R	L
Palm Nut Oil		R		R			R	N	R	R	R
Paraffin, Liquid		R	R	R	L	N	R	L	R	R	R
Paraffin Emulsions	asc	R	L	R	R		R	L	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Paraformaldehyde		R	R	R			R	L	R	R	L
Peanut Oil	technical grade	R		R	R		R	L	R	R	R
Pentanol		R		R			R	L	R	R	L
Peppermint Oil		R		R			R	L	R	R	R
Perchloric Acid, Aqueous	20%	R	R	R	R		R	L	R	R	R
Perchloric Acid, Aqueous	50%	R	L				L	N	R	R	R
Perchloric Acid, Aqueous	70%	R	N				L	N	R	R	R
Perchloroethylene		L	N	L	N		N		R	R	L
Petroleum Ether		R	L	R	L		R	R	R	R	R
Phenolic Resin Moulding Compounds		R	R	R	R		R	L	R	R	R
Phenol		R	R, D	R	R, D		R	L	R	R	R
Phenyl Ethyl Alcohol		R	R	R			L	N	R	R	L
Phenyl Hydrazine	technical grade	L	L to N	L			N		R	L	N
Phenyl Hydrazine Hydrochloride		R	N	R			L	N	R	R	L
Phenyl Sulfonate (Sodium Dodecyl Benzene Sulfonate)		R	R	R	R		L	N	R	R	L
Phosgene, Gaseous		L		L	L		N		R	N	
Phosgene, Liquid	100%	N		N			N		L		
Phosphoric Acid, Aqueous	50%	R	R	R	R	R	R	R	R	R	R
Phosphoric Acid, Aqueous	80% to 95%	R	L, D	R	R, D	R, D	R	R	R	R	R
Phosphorus Oxychloride		R	L	R	L		N		R	R	L
Phosphorus Pentoxide	100%	R	R	R			R	R	R	R	R
Phosphorus Trichloride		R	L	R			N		R	R	L
Photographic Developers		R, D	R, D	R, D	R, D		R	L	R	R	L
Photographic Emulsions	ASC	R		R	R		R	L	R	R	L
Photographic Mixing Baths	ASC	R		R	R		R	L	R	R	L
Phthalic Acid, Aqueous	50%	R	R	R	R		R	N	R	R	R
Phthalic Acid Dibutyl Ester (Dibutyl Phthalate)	technical grade	R	L	R	L		N		R	N	
Phthalic Acid Ester		R	R to L	R	L		N		R	N	
Picric Acid, Aqueous	1%	R		R			R		R	R	R
Pineapple Juice		R	R	R	R		R	L	R	R	R
Plant Protection Agents, Aqueous	asc	R	R	R			R	L	R	R	L
Plasticizers		R	L	R	L		N		R	N	
Polyacrylic Acid Emulsions		R	R				R	L	R	R	R
Polyester Plasticizers		R	R to L	R			N		R	N	
Polyester Resins		L	N	L			N		R	R	L
Polyglycols		R	R	R	R		L	N	R	R	L
Potassium Aluminum Sulfate, Aqueous		R	R	R	R	R	R	L	R	R	R
Potassium Bicarbonate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Potassium Bichromate, Aqueous		R	R	R	R		R	L	R	R	R
Potassium Bisulfate, Aqueous	saturated	R	R	R	R	R	R	L	R	R	R
Potassium Bisulfite, Aqueous	saturated	R	R				R	L	R	R	R
Potassium Borate, Aqueous	1%	R	R	R	R		R	L	R	R	R
Potassium Bromate, Aqueous	to 10%	R	R	R	R	R	R	L	R	R	R
Potassium Bromide, Aqueous		R	R	R	R	R	R	L	R	R	R
Potassium Carbonate, Aqueous		R	R	R	R		R	L	R	L	N
Potassium Chlorate, Aqueous		R	R	R	R	R	R	R	R	R	R
Potassium Chloride, Aqueous		R	R	R	R	R	R	R	R	R	R
Potassium Chromate, Aqueous	40%	R	R	R	R	R	R	R	R	R	R
Potassium Chromic Sulfate (Chrome Alum), Aqueous	saturated	R	R	R	R		R	R	R	R	L
Potassium Cyanide, Aqueous		R	R	R	R		R	R	R	L	N
Potassium Dichromate, Aqueous	saturated	R	R	R	R		R	R	R	R	R
Potassium Ferricyanide, Aqueous		R	R	R	R		R	R	R	R	R
Potassium Ferricyanide & Ferrocyanide		R	R	R	R		R	R	R	R	R
Potassium Fluoride, Aqueous		R	R	R	R		R	R	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Potassium Hexacyanoferrate, Aqueous		R	R	R	R		R	R	R	R	R
Potassium Hydrogen Varbonate, Aqueous	saturated	R	R	R	R	R	R	R	R	R	R
Potassium Hydrogen Sulfate, Aqueous	saturated	R	R				R	R	R	R	R
Potassium Hydrogen Sulfite, Aqueous	saturated	R	R	R	R		R	L	R	R	L
Potassium Hydroxide, Aqueous		R	R	R	R		R	L	R	L	N
Potassium Hydroxide Solution	50%	R	R	R	R	R	R	L	R	L	N
Potassium Hypochlorite, Aqueous	saturated	R	R				R	L	R	R	L
Potassium Iodide, Aqueous		R	R	R	R		R	R	R	R	R
Potassium Nitrate, Aqueous		R	R	R	R		R	R	R	R	R
Potassium Perborate		R	R				R	L	R	R	R
Potassium Perchlorate, Aqueous	to 10%	R	L				R	L	R	R	L
Potassium Permanganate		R	R	R			R	L	R	R	R
Potassium Persulfate, Aqueous		R	R	R	R		R	L	R	R	L
Potassium Phosphate, Aqueous	saturated	R	R				R	L	R	R	L
Potassium Sulfate, Aqueous		R	R	R	R		R	L	R	R	R
Potassium Sulfide, Aqueous	saturated	R	R	R	R		R	R	R	R	L
Potassium Sulfite, Aqueous	saturated	R	R	R	R		R	L	R	N	L
Potassium Tetracyanocuprate	saturated	R	R				R	L	R	R	R
Potassium Thiosulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Propane, Gaseous	technical grade	R		R			R		R	R	R
Propanol (Propyl Alcohol)		R	R	R	R		R	L	R	R	N
I-Propanol (I-Propyl Alcohol)		R	R	R	R		R	L	R	R	N
N-Propanol (N-Propyl Alcohol)		R	R	R	R		R	L	R	R	N
Propargyl Alcohol, Aqueous	7%	R	R	R	R		R	R	R	L	N
Propionic Acid, Aqueous		R	R	R	R		R	L	R	R	L
Propylene Dichloride	100%	N		N			N		R	R	L
Propylene Glycol		R	R	R	R		R	R	R	R	L
Propylene Oxide		R	R				L		R	N	
Pyridine		R	L	L	L		N		R	L	N
Quinine		R	R	R	R		R	L	R	R	L
Rubber Dispersions (Latex)		R	R	R	R		R	R	R	R	R
Salicylic Acid		R	R	R	R		R	R	R	R	L
Salt Brines	saturated	R	R	R	R		R	R	R	R	R
Sea Water		R	R	R	R	R	R	R	R	R	R
Silicic Acid, Aqueous		R	R	R	R		R	R	R	R	R
Silicone Emulsion	asc	R	R	R	R		R	R	R	R	R
Silicone Oil	technical grade	R	R	R	R	R	R	N	R	R	R
Silver Nitrate		R	R	R	R		R	L	R	R	R
Silver Salts, Aqueous	cold saturated	R	R	R	R		R	L	R	R	R
Soap Solution, Aqueous		R	R	R	R		R	L	R	R	R
Soda (Sodium Carbonate), Aqueous		R	R	R	R	R	R	R	R	L	N
Sodium Acetate, Aqueous		R	R	R	R	R	R	L	R	R	L
Sodium Aluminum Sulfate		R	R	R	R		R	R	R	R	R
Sodium Benzoate, Aqueous		R	R	R	R		R	L	R	R	L
Sodium Bicarbonate, Aqueous	saturated	R	R	R	R	R	R	R	R	R	L
Sodium Bisulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Sodium Bisulfite, Aqueous	saturated	R	R	R	R		R	N	R	R	R
Sodium Borate		R	R	R	R		R	L	R	L	N
Sodium Bromide		R	R	R	R		R	L	R	R	R
Sodium Carbonate, Aqueous		R	R	R	R	R	R	R	R	L	N
Sodium Chlorate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Sodium Chloride, Aqueous		R	R	R	R	R	R	R	R	R	R
Sodium Chlorite, Aqueous	50%	R		R	L		L	N	R	R	L
Sodium Chromate		R	R	R	R		R	L	R	R	R
Sodium Cyanide		R	R	R	R		R	L	R	R	R
Sodium Dichromate		R	R	R	R		R	R	R	R	L

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Sodium Dodecylbenzenesulfonate		R	R	R	R		L	N	R	R	L
Sodium Ferricyanide		R	R	R	R		R	R	R	R	R
Sodium Fluoride		R	R	R	R		R	R	R	R	R
Sodium Hexacyanoferrate (III) (Na Ferricyanide), Aqueous		R	R	R	R		R	L	R	R	R
Sodium Hexametaphosphate, Aqueous	saturated	R		R	R		R	L	R	R	R
Sodium Hydrogen Carbonate, Aqueous		R	R	R	R	R	R	L	R	R	L
Sodium Hydrogen Sulfate, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Sodium Hydrogen Sulfite, Aqueous	saturated	R	R	R	R		R	L	R	R	R
Sodium Hydroxide, Aqueous		R	R	R	R		R	L	L	N	N
Sodium Hydroxide, Solid		R	R	R	R		R	L	N		
Sodium Hypochlorite, Aqueous 12.5% Active Chlorine		L**	N	L**	L**	N	R	L	L	N	
Sodium Sulfate		R	R	R	R	L	R	R	R	R	R
Sodium Sulfide		R	R	R	R	L	R	R	L	L	L
Sodium Sulfite		R	R	R	R	L	R	R	R	R	R
Sulfuric Acid, Aqueous	to 50%	R	R	R	R	L	R	R	R	R	R
Sulfuric Acid, Aqueous	51% to 80%	R	L	R	L	N	R	R	R	R	R
Sulfuric Acid, Aqueous	93%	L	N	L	N		R	L	R	R	R
Sulfuric Acid, Aqueous	98%	L	N	L	N		L	N	R	R	N
Sulfur		R	R	R	R	R	L	N	R	R	R
Sulfurous Acid		R	R	R	R		R	L	R	R	R
Sulfuryl Chloride (Sulfonyl Chloride)	technical grade	N		N			N		L	N	
Sulfur Dioxide, Aqueous		R	R	R	R		R	L	R	N	
Sulfur Dioxide, Gaseous		R	R	R	R		R	R	L	N	
Sulfur Trioxide		N		N			N		L	N	
Tallow	technical grade	R	R	R	R		R	R	R	R	R
Tannic Acid (Tannin), Aqueous	10%	R	R	R	R		R	L	R	R	R
Tanning Extracts, Vegetable	asc	R		R	L		R	L	R	R	L
Tartaric Acid, Aqueous		R	R	R	R		R	L	R	R	R
Tetrabromomethane		L to N	N	L to N			N		R	L	N
Tetrachloroethane		L to N	N	L	N		N		R	L	N
Tetrachloroethylene		L to N	N	L	N		N		R	R	L
Tetrachloromethane (Carbon Tetrachloride)	technical grade	L to N	N	N			N		R	R	R
Tetrahydrofuran	technical grade	L to N	N	L	N		N		L	L	N
Tetrahydronaphthalene (Tetralin)	technical grade	R	N	N			N		R	L	N
Thioglycolic Acid		R	R	R	R		L	N	R	R	L
Thionyl Chloride		N		N			N		R	L	N
Thiophene		L	N	L	N		N				
Toluene	technical grade	L	N	L	N		N		R	R	N
Toluic Acids (Methyl Benzoic Acids)	saturated	L		L			R	L	R	R	L
Tomato Juice		R	R	R	R		R	L	R	R	L
Transformer Oil	technical grade	R	L	R	L		L	N	R	R	L
Tributyl Phosphate		R	R	R	R		N		R	N	
Trichloroacetaldehyde (Chloral)	technical grade	R	R	R	R		L	N	N		
Trichloroacetic Acid	technical grade	R	L to N	R					L	N	
Trichloroacetic Acid, Aqueous	50%	N	N				L	N	R	L	N
Trichlorobenzene		N	N				N				
Trichloroethylene	technical grade	R to L	N				N		R	R	N
Tricresyl Phosphate		R	R	R	L		N		R	N	
Triethanolamine		R	R, D	R	R, D		L	N	R	N	
Triethylene Glycol		R	R	R	R		L	N	R	R	L
Trimethylol Propane, Aqueous		R	R	R	R		R	L	R	N	
Trimethyl Borate		R	L to N				L	N	R	N	
Trioctyl Phosphate		R	L	R			N		R	N	
Trisodium Phosphate		R	R	R	R		R	L	R	R	R

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.

CHEMICAL ENVIRONMENT	CONCENTRATION	ANCHOR-LOK PE		ANCHOR-LOK PP			ANCHOR-LOK PVC		ANCHOR-LOK PVDF		
		68°F	140°F	68°F	140°F	212°F	68°F	140°F	68°F	140°F	212°F
Tri-β-chloroethylphosphate		R	R	R			N		R	N	
Turpentine Oil	technical grade	R to L	L	N			R	L	R	R	R
Urea, Aqueous	to 33%	R	R	R	R		R	L	R	R	L
Uric Acid		R	R	R			R	L	R	R	L
Urine		R	R	R	R		R	L	R	R	R
Vaseline	technical grade	R to L	L	R	L		R	L	R	R	R
Vaseline Oil	technical grade	R to L	L	R	L	N	R	L	R	R	R
Vegetable Oil		R	L	R	L	N	R	L	R	R	R
Vinegar (Wine Vinegar)	asc	R	R	R	R		R	R	R	R	R
Vinylidene Chloride (1,1-Dichloroethylene)	technical grade	N		N			N		R	R	R
Vinyl Acetate		R	R	R	L		N		R	R	R
Viscose Spinning Solutions		R	R	R	R				R	R	L
Vitamin C		R		R			R	L	R	R	R
Vitamin Preparations, Dry (Powder)		R		R			R		R	R	R
Walnut Oil		R	L	R			R	L	R	R	R
Washing Up Liquids	usual	R	R	R	R				R	R	R
Waste Gases Containing Carbonic Acid Derivatives		R	R	R	R		R	R	R	R	R
Waste Gases Containing Carbon Dioxide		R	R	R	R		R	R	R	R	R
Waste Gases Containing Carbon Monoxide		R	R	R	R		R	R	R	R	R
Waste Gases Containing Hydrochloric Acid		R	R	R	R		R	R	R	R	R
Waste Gases Containing Hydrogen Gases	trace	R	R				R	R	R	R	R
Waste Gases Containing Nitrose	trace	R	R				R	R	R	R	R
Waste Gases Containing SO ₂	low	R	R	R	R		R	R	R	R	R
Waste Gases Containing Sulfuric Acid (Moist)		R	R	R	R		R	R	R	R	R
Waste Gases Containing Sulfur Trioxide (Fuming Sulfuric Acid)	trace	N		N			R	R	R	R	R
Water, Distilled		R	R	R	R		R	R	R	R	R
Waxes		R	R to L	R	R to L		R	L	R	R	L
Wax Alcohols	technical grade	L	L	L	N		R	R	R	R	L
Whey		R	R	R	R		R	L	R	R	R
Whiskey		R		R			R	L	R	R	L
White Spirit	technical grade	R	L	L	N		R	L	R	R	R
Wine		R		R	R		R	L	R	R	R
Xylene		L	N	N			N		R	L	N
Yeast		R	R	R			R	L	R	R	L
Zinc Carbonate		R	R	R	R		R	L	R	R	R
Zinc Chloride, Aqueous		R	R	R	R		R	L	R	R	R
Zinc Oxide		R	R	R	R	R	R	L	R	R	R
Zinc Salts, Aqueous		R	R	R	R		R	L	R	R	R
Zinc Sludge		R	R	R	R		R	L	R	R	R
Zinc Stearate		R	R	R	R	R	R	L	R	R	R
Zinc Sulfate, Aqueous		R	R	R	R	R	R	L	R	R	R

NOTE: Atlas makes it a practice to continuously update and enhance our CCM (Corrosion Resistant Construction Materials) products. For the most recent version of any Data Sheet, please visit our Web site at www.atlasmin.com

KEY: R = Resistant / L = Limited Resistance / N = Not Resistant / D = Discoloration Possible / asc = As Supplied Commercially / * = Or Boiling Point / ** = Does not apply to welded joints (including joints produced by thermal bending). Information available from ATLAS.