






Chemical Resistance Data

























































These recommendations are based upon information from material suppliers and careful examination of available published information and are believed to be accurate. However since the resistance of metals, plastics and elastomers of other chemicals can be affected by concentration, temperature, presence of other chemicals and other factors, this information should be considered as a general guide rather than an unqualified guarantee. Ultimately, the customer must determine the suitability of the material used with various solutions and environments. All recommendations assume ambient temperatures unless otherwise noted.


















































































Atkore[™]
Calbrite

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Acetaldehyde		
Acetamide		
Acetate Solvent		
Acetic Acid 20%		
Acetic Acid 80%		
Acetic Acid, Glacial		
Acetic Anhydride		
Acetone		
Acetylene Bromide		
Acetylene Chloride (dry)		
Acetylene		
Acrylonitrile		
Adipic Acid		
Alcohols: Amyl		
Alcohols: Benzyl		
Alcohols: Butyl		
Alcohols: Diacetone		
Alcohols: Ethyl		
Alcohols: Hexyl		
Alcohols: Isobutyl		
Alcohols: Isopropyl		
Alcohols: Methyl		
Alcohols: Octyl		
Alcohols: Propyl		
Aluminum Chloride		
Aluminum Chloride 20%		
Aluminum Hydroxide		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Acetaldehyde			
Acetamide			
Acetate Solvent			
Acetic Acid 20%			
Acetic Acid 80%			
Acetic Acid, Glacial			
Acetic Anhydride			
Acetone			
Acetylene Bromide			
Acetylene Chloride (dry)			
Acetylene			
Acrylonitrile			
Adipic Acid			
Alcohols: Amyl			
Alcohols: Benzyl			
Alcohols: Butyl			
Alcohols: Diacetone			
Alcohols: Ethyl			
Alcohols: Hexyl			
Alcohols: Isobutyl			
Alcohols: Isopropyl			
Alcohols: Methyl			
Alcohols: Octyl			
Alcohols: Propyl			
Aluminum Chloride			
Aluminum Chloride 20%			
Aluminum Hydroxide			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY































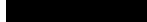
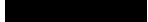


















Chemical	304 Stainless Steel	316 Stainless Steel
Aluminum Nitrate	Excellent	Excellent
Aluminum Potassium Sulfate 10%	Excellent	Excellent
Aluminum Potassium Sulfate 100%	Severe Effect, not recommended for ANY use	Good - Minor Effect, slight corrosion or discoloration
Aluminum Sulfate	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Alums	Information not available at time of Publishing	Excellent
Amines	Excellent	Excellent
Ammonia 10%	Excellent	Excellent
Ammonia Nitrate	Excellent	Excellent
Ammonia, Anhydrous	Excellent	Excellent
Ammonia, Liquid	Good - Minor Effect, slight corrosion or discoloration	Excellent
Ammonium Acetate	Good - Minor Effect, slight corrosion or discoloration	Excellent
Ammonium Bifluoride	Severe Effect, not recommended for ANY use	Good - Minor Effect, slight corrosion or discoloration
Ammonium Carbonate	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Ammonium Caseinate	Information not available at time of Publishing	Excellent
Ammonium Chloride	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration
Ammonium Hydroxide	Excellent	Excellent
Ammonium Nitrate	Excellent	Excellent
Ammonium Oxalate	Excellent	Excellent
Ammonium Persulfate	Excellent	Excellent
Ammonium Phosphate, Dibasic	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration
Ammonium Phosphate, Monobasic	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration
Ammonium Phosphate, Tribasic	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Ammonium Sulfate	Good - Minor Effect, slight corrosion or discoloration	Excellent













































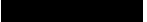
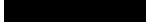
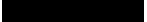




























Chemical	Aluminum	PVC	GALV-ZINC STEEL
Aluminum Nitrate	Severe Effect, not recommended for ANY use	Information not available at time of Publishing	Fair - Moderate Effect, not recommended for continuous use
Aluminum Potassium Sulfate 10%	Fair - Moderate Effect, not recommended for continuous use	Information not available at time of Publishing	Severe Effect, not recommended for ANY use
Aluminum Potassium Sulfate 100%	Fair - Moderate Effect, not recommended for continuous use	Excellent	Severe Effect, not recommended for ANY use
Aluminum Sulfate	Good - Minor Effect, slight corrosion or discoloration	Excellent	Fair - Moderate Effect, not recommended for continuous use
Alums	Excellent	Information not available at time of Publishing	Information not available at time of Publishing
Amines	Good - Minor Effect, slight corrosion or discoloration	Fair - Moderate Effect, not recommended for continuous use	Information not available at time of Publishing
Ammonia 10%	Excellent	Information not available at time of Publishing	Information not available at time of Publishing
Ammonia Nitrate	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration	Information not available at time of Publishing
Ammonia, Anhydrous	Excellent	Severe Effect, not recommended for ANY use	Information not available at time of Publishing
Ammonia, Liquid	Excellent	Excellent	Information not available at time of Publishing
Ammonium Acetate	Excellent	Information not available at time of Publishing	Severe Effect, not recommended for ANY use
Ammonium Bifluoride	Good - Minor Effect, slight corrosion or discoloration	Information not available at time of Publishing	Good - Minor Effect, slight corrosion or discoloration
Ammonium Carbonate	Good - Minor Effect, slight corrosion or discoloration	Information not available at time of Publishing	Good - Minor Effect, slight corrosion or discoloration
Ammonium Caseinate	Information not available at time of Publishing	Information not available at time of Publishing	Information not available at time of Publishing
Ammonium Chloride	Good - Minor Effect, slight corrosion or discoloration	Excellent	Fair - Moderate Effect, not recommended for continuous use
Ammonium Hydroxide	Good - Minor Effect, slight corrosion or discoloration	Excellent	Information not available at time of Publishing
Ammonium Nitrate	Good - Minor Effect, slight corrosion or discoloration	Excellent	Information not available at time of Publishing
Ammonium Oxalate	Information not available at time of Publishing	Information not available at time of Publishing	Information not available at time of Publishing
Ammonium Persulfate	Severe Effect, not recommended for ANY use	Excellent	Information not available at time of Publishing
Ammonium Phosphate, Dibasic	Good - Minor Effect, slight corrosion or discoloration	Excellent	Information not available at time of Publishing
Ammonium Phosphate, Monobasic	Good - Minor Effect, slight corrosion or discoloration	Excellent	Information not available at time of Publishing
Ammonium Phosphate, Tribasic	Good - Minor Effect, slight corrosion or discoloration	Excellent	Information not available at time of Publishing
Ammonium Sulfate	Excellent	Excellent	Fair - Moderate Effect, not recommended for continuous use

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





























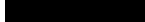

























Chemical	304 Stainless Steel	316 Stainless Steel
Ammonium Sulfite		
Ammonium Thiosulfate		
Amyl Acetate		
Amyl Alcohol		
Amyl Chloride		
Aniline		
Aniline Hydrochloride		
Antifreeze		
Antimony Trichloride		
Aqua Regia (80% HCl, 20% HN03)		
Arochlor 1248		
Aromatic Hydrocarbons		
Arsenic Acid		
Arsenic Salts		
Asphalt		
Barium Carbonate		
Barium Chloride		
Barium Cyanide		
Barium Hydroxide		
Barium Nitrate		
Barium Sulfate		
Barium Sulfide		
Beer		
Beet Sugar Liquids		
Benzaldehyde		












































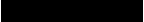
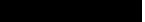




































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Ammonium Sulfite			
Ammonium Thiosulfate			
Amyl Acetate			
Amyl Alcohol			
Amyl Chloride			
Aniline			
Aniline Hydrochloride			
Antifreeze			
Antimony Trichloride			
Aqua Regia (80% HCl, 20% HN03)			
Arochlor 1248			
Aromatic Hydrocarbons			
Arsenic Acid			
Arsenic Salts			
Asphalt			
Barium Carbonate			
Barium Chloride			
Barium Cyanide			
Barium Hydroxide			
Barium Nitrate			
Barium Sulfate			
Barium Sulfide			
Beer			
Beet Sugar Liquids			
Benzaldehyde			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





















































Chemical	304 Stainless Steel	316 Stainless Steel
Benzene		
Benzene Sulfonic Acid		
Benzoic Acid		
Benzol		
Benzyl Chloride		
Bleaching Liquors		
Borax (Sodium Borate)		
Boric Acid		
Brewery Slop		
Butadiene		
Butane		
Butanol (Butyle Alcohol)		
Buttermilk		
Butyle Amine		
Butyle Ether		
Butyle Phthalate		
Butylacetate		
Butylene		
Butyric Acid		
Calcium Bisulfate		
Calcium Bisulfide		
Calcium Bisulfite		
Calcium Carbonate		
Calcium Chlorate		
Calcium Chloride		
Calcium Hydroxide		
Calcium Hypochlorite		










































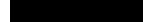




































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Benzene			
Benzene Sulfonic Acid			
Benzoic Acid			
Benzol			
Benzyl Chloride			
Bleaching Liquors			
Borax (Sodium Borate)			
Boric Acid			
Brewery Slop			
Butadiene			
Butane			
Butanol (Butyle Alcohol)			
Buttermilk			
Butyle Amine			
Butyle Ether			
Butyle Phthalate			
Butylacetate			
Butylene			
Butyric Acid			
Calcium Bisulfate			
Calcium Bisulfide			
Calcium Bisulfite			
Calcium Carbonate			
Calcium Chlorate			
Calcium Chloride			
Calcium Hydroxide			
Calcium Hypochlorite			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





















































Chemical	304 Stainless Steel	316 Stainless Steel
Calcium Nitrate		
Calcium Oxide		
Calcium Sulfate		
Calgon		
Cane Juice		
Carbolic Acid (Phenol)		
Carbon Bisulfide		
Carbon Dioxide (dry)		
Carbon Dioxide (wet)		
Carbon Disulfide		
Carbon Monoxide		
Carbon Tetrachloride		
Carbon Tetrachloride(dry)		
Carbon Tetrachloride(wet)		
Carbonated Water		
Carbonic Acid		
Catsup		
Chloric Acid		
Chlorinated Glue		
Chlorine (dry)		
Chlorine Water		
Chlorine, Anhydrous Liquid		
Chloroacetic Acid		
Chlorobenzene(Mono)		
Chlorobromomethane		
Chloroform		






























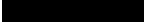













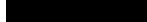















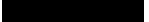


















Chemical	Aluminum	PVC	GALV-ZINC STEEL
Calcium Nitrate			
Calcium Oxide			
Calcium Sulfate			
Calgon			
Cane Juice			
Carbolic Acid (Phenol)			
Carbon Bisulfide			
Carbon Dioxide (dry)			
Carbon Dioxide (wet)			
Carbon Disulfide			
Carbon Monoxide			
Carbon Tetrachloride			
Carbon Tetrachloride(dry)			
Carbon Tetrachloride(wet)			
Carbonated Water			
Carbonic Acid			
Catsup			
Chloric Acid			
Chlorinated Glue			
Chlorine (dry)			
Chlorine Water			
Chlorine, Anhydrous Liquid			
Chloroacetic Acid			
Chlorobenzene(Mono)			
Chlorobromomethane			
Chloroform			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Chlorosulfonic Acid		
Chocolate Syrup		
Chromic Acid 50%		
Chromic Acid 10%		
Chromic Acid 30%		
Chromic Acid 5%		
Chromium Salts		
Cider		
Citric Acid		
Citric Oils		
Cloroxr (Bleach)		
Coffee		
Copper Chloride		
Copper Cyanide		
Copper Fluoborate		
Copper Nitrate		
Copper Sulfate > 5%		
Copper Sulfate 5%		
Cream		
Cresols		
Cresylic Acid		
Cupric Acid		
Cyanic Acid		
Cyclohexane		
Cyclohexanone		
Detergents		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Chlorosulfonic Acid			
Chocolate Syrup			
Chromic Acid 50%			
Chromic Acid 10%			
Chromic Acid 30%			
Chromic Acid 5%			
Chromium Salts			
Cider			
Citric Acid			
Citric Oils			
Cloroxr (Bleach)			
Coffee			
Copper Chloride			
Copper Cyanide			
Copper Fluoborate			
Copper Nitrate			
Copper Sulfate > 5%			
Copper Sulfate 5%			
Cream			
Cresols			
Cresylic Acid			
Cupric Acid			
Cyanic Acid			
Cyclohexane			
Cyclohexanone			
Detergents			

Ratings

■	Excellent
■	Good - Minor Effect, slight corrosion or discoloration
■	Fair - Moderate Effect, not recommended for continuous use
■	Severe Effect, not recommended for ANY use
■	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Diacetone Alcohol	■	■
Dichlorobenzene	■	■
Dichloroethane	■	■
Diesel Fuel	■	■
Diethyl Ether	■	■
Diethylamine	■	■
Diethylene Glycol	■	■
Dimethyl Aniline	■	■
Dimethyl Formamide	■	■
Diphenyl	■	■
Diphenyl Oxide	■	■
Dyes	■	■
Epsom Salts (Magnesium Sulfate)	■	■
Ethane	■	■
Ethanol	■	■
Ethanolamine	■	■
Ether	■	■
Ethyl Acetate	■	■
Ethyl Benzoate	■	■
Ethyl Chloride	■	■
Ethyl Ether	■	■
Ethyl Sulfate	■	■
Ethylene Bromide	■	■
Ethylene Chloride	■	■
Ethylene Chlorohydrin	■	■
Ethylene Diamine	■	■

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Diacetone Alcohol	■	■	■
Dichlorobenzene	■	■	■
Dichloroethane	■	■	■
Diesel Fuel	■	■	■
Diethyl Ether	■	■	■
Diethylamine	■	■	■
Diethylene Glycol	■	■	■
Dimethyl Aniline	■	■	■
Dimethyl Formamide	■	■	■
Diphenyl	■	■	■
Diphenyl Oxide	■	■	■
Dyes	■	■	■
Epsom Salts (Magnesium Sulfate)	■	■	■
Ethane	■	■	■
Ethanol	■	■	■
Ethanolamine	■	■	■
Ether	■	■	■
Ethyl Acetate	■	■	■
Ethyl Benzoate	■	■	■
Ethyl Chloride	■	■	■
Ethyl Ether	■	■	■
Ethyl Sulfate	■	■	■
Ethylene Bromide	■	■	■
Ethylene Chloride	■	■	■
Ethylene Chlorohydrin	■	■	■
Ethylene Diamine	■	■	■

Ratings






■	Excellent
■	Good - Minor Effect, slight corrosion or discoloration
■	Fair - Moderate Effect, not recommended for continuous use
■	Severe Effect, not recommended for ANY use
■	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY















































Chemical	304 Stainless Steel	316 Stainless Steel
Ethylene Dichloride	■	■
Ethylene Glycol	■	■
Ethylene Oxide	■	■
Fatty Acids	■	■
Ferric Chloride	■	■
Ferric Nitrate	■	■
Ferric Sulfate	■	■
Ferrous Chloride	■	■
Ferrous Sulfate	■	■
Fluboric Acid	■	■
Fluorine	■	■
Fluosilicic Acid	■	■
Formaldehyde 100%	■	■
Formaldehyde 40%	■	■
Formic Acid	■	■
Freon 113	■	■
Freon 12	■	■
Freon 22	■	■
Freon TF	■	■
Freon 11	■	■
Fruit Juice	■	■
Fuel Oils	■	■
Furan Resin	■	■
Furfural	■	■
Gallic Acid	■	■
Gasoline (high-aromatic)	■	■































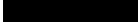






































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Ethylene Dichloride	■	■	■
Ethylene Glycol	■	■	■
Ethylene Oxide	■	■	■
Fatty Acids	■	■	■
Ferric Chloride	■	■	■
Ferric Nitrate	■	■	■
Ferric Sulfate	■	■	■
Ferrous Chloride	■	■	■
Ferrous Sulfate	■	■	■
Fluboric Acid	■	■	■
Fluorine	■	■	■
Fluosilicic Acid	■	■	■
Formaldehyde 100%	■	■	■
Formaldehyde 40%	■	■	■
Formic Acid	■	■	■
Freon 113	■	■	■
Freon 12	■	■	■
Freon 22	■	■	■
Freon TF	■	■	■
Freon 11	■	■	■
Fruit Juice	■	■	■
Fuel Oils	■	■	■
Furan Resin	■	■	■
Furfural	■	■	■
Gallic Acid	■	■	■
Gasoline (high-aromatic)	■	■	■

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY



















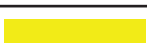
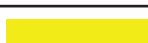




























Chemical	304 Stainless Steel	316 Stainless Steel
Gasoline, Leaded, ref.		
Gasoline, Unleaded		
Gelatin		
Glucose		
Glue, P.V.A		
Glycerin		
Glycolic Acid		
Gold Monocyanide		
Grape Juice		
Grease		
Heptane		
Hexane		
Honey		
Hydraulic Oil (Petro)		
Hydraulic Oil (Synthetic)		
Hydrazine		
Hydrobromic Acid 100%		
Hydrobromic Acid 20%		
Hydrochloric Acid 100%		
Hydrochloric Acid 20%		
Hydrochloric Acid 37%		
Hydrochloric Acid, Dry Gas		
Hydrocyanic Acid		









































































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Gasoline, Leaded, ref.			
Gasoline, Unleaded			
Gelatin			
Glucose			
Glue, P.V.A			
Glycerin			
Glycolic Acid			
Gold Monocyanide			
Grape Juice			
Grease			
Heptane			
Hexane			
Honey			
Hydraulic Oil (Petro)			
Hydraulic Oil (Synthetic)			
Hydrazine			
Hydrobromic Acid 100%			
Hydrobromic Acid 20%			
Hydrochloric Acid 100%			
Hydrochloric Acid 20%			
Hydrochloric Acid 37%			
Hydrochloric Acid, Dry Gas			
Hydrocyanic Acid			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Hydrocyanic Acid (Gas 10%)		
Hydrofluoric Acid 100%		
Hydrofluoric Acid 20%		
Hydrofluoric Acid 50%		
Hydrofluoric Acid 75%		
Hydrofluosilicic Acid 100%		
Hydrofluosilicic Acid 20%		
Hydrogen Gas		
Hydrogen Peroxide 10%		
Hydrogen Peroxide 30%		
Hydrogen Peroxide 50%		
Hydrogen Peroxide 100%		
Hydrogen Sulfide (aqua)		
Hydrogen Sulfide (dry)		
Hydroquinone		
Hydroxyacetic Acid 70%		
Ink		
Iodine		
Iodine (in alcohol)		
Iodoform		
Isooctane		
Isopropyl Acetate		
Isopropyl Ether		
Isotane		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Hydrocyanic Acid (Gas 10%)			
Hydrofluoric Acid 100%			
Hydrofluoric Acid 20%			
Hydrofluoric Acid 50%			
Hydrofluoric Acid 75%			
Hydrofluosilicic Acid 100%			
Hydrofluosilicic Acid 20%			
Hydrogen Gas			
Hydrogen Peroxide 10%			
Hydrogen Peroxide 30%			
Hydrogen Peroxide 50%			
Hydrogen Peroxide 100%			
Hydrogen Sulfide (aqua)			
Hydrogen Sulfide (dry)			
Hydroquinone			
Hydroxyacetic Acid 70%			
Ink			
Iodine			
Iodine (in alcohol)			
Iodoform			
Isooctane			
Isopropyl Acetate			
Isopropyl Ether			
Isotane			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

















































Chemical	304 Stainless Steel	316 Stainless Steel
Jet Fuel (JP3, JP4, JP5)		
Kerosene		
Ketones		
Lacquer Thinners		
Lacquers		
Lactic Acid		
Lard		
Latex		
Lead Acetate		
Lead Nitrate		
Lead Sulfamate		
Ligroin		
Lime		
Linoleic Acid		
Lithium Chloride		
Lithium Hydroxide		
Lubricants		
Lye: Ca (OH) ₂ Calcium Hydroxide		
Lye: KOH Potassium Hydroxide		
Lye: NaOH Sodium Hydroxide		
Magnesium Bisulfate		
Magnesium Carbonate		
Magnesium Chloride		
Magnesium Hydroxide		















































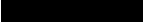
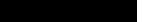
























Chemical	Aluminum	PVC	GALV-ZINC STEEL
Jet Fuel (JP3, JP4, JP5)			
Kerosene			
Ketones			
Lacquer Thinners			
Lacquers			
Lactic Acid			
Lard			
Latex			
Lead Acetate			
Lead Nitrate			
Lead Sulfamate			
Ligroin			
Lime			
Linoleic Acid			
Lithium Chloride			
Lithium Hydroxide			
Lubricants			
Lye: Ca (OH) ₂ Calcium Hydroxide			
Lye: KOH Potassium Hydroxide			
Lye: NaOH Sodium Hydroxide			
Magnesium Bisulfate			
Magnesium Carbonate			
Magnesium Chloride			
Magnesium Hydroxide			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

















































Chemical	304 Stainless Steel	316 Stainless Steel
Magnesium Nitrate		
Magnesium Oxide		
Magnesium Sulfate (Epsom Salts)		
Maleic Acid		
Maleic Anhydride		
Malic Acid		
Manganese Sulfate		
Mash		
Mayonnaise		
Melamine		
Mercuric Chloride (dilute)		
Mercuric Cyanide		
Mercurous Nitrate		
Mercury		
Methane		
Methanol (Methyl Alcohol)		
Methyl Acetate		
Methyl Acetone		
Methyl Acrylate		
Methyl Alcohol 10%		
Methyl Bromide		
Methyl Butyl Ketone		
Methyl Cellosolve		
Methyl Chloride		

























































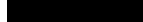















Chemical	Aluminum	PVC	GALV-ZINC STEEL
Magnesium Nitrate			
Magnesium Oxide			
Magnesium Sulfate (Epsom Salts)			
Maleic Acid			
Maleic Anhydride			
Malic Acid			
Manganese Sulfate			
Mash			
Mayonnaise			
Melamine			
Mercuric Chloride (dilute)			
Mercuric Cyanide			
Mercurous Nitrate			
Mercury			
Methane			
Methanol (Methyl Alcohol)			
Methyl Acetate			
Methyl Acetone			
Methyl Acrylate			
Methyl Alcohol 10%			
Methyl Bromide			
Methyl Butyl Ketone			
Methyl Cellosolve			
Methyl Chloride			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Methyl Dichloride		
Methyl Ethyl Ketone		
Methyl Ethyl Ketone Peroxide		
Methyl Isobutyl Ketone		
Methyl Isopropyl Ketone		
Methyl Methacrylate		
Methylamine		
Methylene Chloride		
Milk		
Mineral Spirits		
Molasses		
Monochloroacetic Acid		
Monoethanolamine		
Morpholine		
Motor Oil		
Mustard		
Naphtha		
Naphthalene		
Natural Gas		
Nickel Chloride		
Nickel Nitrate		
Nickel Sulfate		
Nitrating Acid (<15% HNO3)		
Nitrating Acid (>15% H2SO4)		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Methyl Dichloride			
Methyl Ethyl Ketone			
Methyl Ethyl Ketone Peroxide			
Methyl Isobutyl Ketone			
Methyl Isopropyl Ketone			
Methyl Methacrylate			
Methylamine			
Methylene Chloride			
Milk			
Mineral Spirits			
Molasses			
Monochloroacetic Acid			
Monoethanolamine			
Morpholine			
Motor Oil			
Mustard			
Naphtha			
Naphthalene			
Natural Gas			
Nickel Chloride			
Nickel Nitrate			
Nickel Sulfate			
Nitrating Acid (<15% HNO3)			
Nitrating Acid (>15% H2SO4)			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

















































Chemical	304 Stainless Steel	316 Stainless Steel
Nitrating Acid (S1% Acid)		
Nitrating Acid (S15% H2SO4)		
Nitric Acid (Concentrated)		
Nitric Acid (20%)		
Nitric Acid (50%)		
Nitric Acid (5-10%)		
Nitrobenzene		
Nitrogen Fertilizer		
Nitromethane		
Nitrous Acid		
Nitrous Oxide		
Oils:Aniline		
Oils:Anise		
Oils: Bay		
Oils:Bone		
Oils:Castor		
Oils:Cinnamon		
Oils:Citric		
Oils:Clove		
Oils:Coconut		
Oils:Cod Liver		
Oils:Corn		
Oils:Cottonseed		
Oils:Creosote		































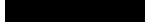









































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Nitrating Acid (S1% Acid)			
Nitrating Acid (S15% H2SO4)			
Nitric Acid (Concentrated)			
Nitric Acid (20%)			
Nitric Acid (50%)			
Nitric Acid (5-10%)			
Nitrobenzene			
Nitrogen Fertilizer			
Nitromethane			
Nitrous Acid			
Nitrous Oxide			
Oils:Aniline			
Oils:Anise			
Oils: Bay			
Oils:Bone			
Oils:Castor			
Oils:Cinnamon			
Oils:Citric			
Oils:Clove			
Oils:Coconut			
Oils:Cod Liver			
Oils:Corn			
Oils:Cottonseed			
Oils:Creosote			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY















































Chemical	304 Stainless Steel	316 Stainless Steel
Oils:Diesel Fuel (20, 30, 40, 50)		
Oils:Fuel (1, 2, 3, 5A, 5B, 6)		
Oils:Ginger		
Oils:Hydraulic Oil (Petro)		
Oils:Hydraulic Oil (Synthetic)		
Oils:Lemon		
Oils:Linseed		
Oils:Mineral		
Oils:Olive		
Oils:Orange		
Oils:Palm		
Oils:Peanut		
Oils:Peppermint		
Oils:Pine		
Oils:Rapeseed		
Oils:Rosin		
Oils:Sesame Seed		
Oils:Silicone		
Oils:Soybean		
Oils:Sperm (whale)		
Oils:Tanning		
Oils:Transformer		
Oils:Turbine		
Oleic Acid		




































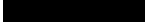

































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Oils:Diesel Fuel (20, 30, 40, 50)			
Oils:Fuel (1, 2, 3, 5A, 5B, 6)			
Oils:Ginger			
Oils:Hydraulic Oil (Petro)			
Oils:Hydraulic Oil (Synthetic)			
Oils:Lemon			
Oils:Linseed			
Oils:Mineral			
Oils:Olive			
Oils:Orange			
Oils:Palm			
Oils:Peanut			
Oils:Peppermint			
Oils:Pine			
Oils:Rapeseed			
Oils:Rosin			
Oils:Sesame Seed			
Oils:Silicone			
Oils:Soybean			
Oils:Sperm (whale)			
Oils:Tanning			
Oils:Transformer			
Oils:Turbine			
Oleic Acid			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Oleum 25%		
Oleum 100%		
Oxalic Acid (cold)		
Ozone		
Palmitic Acid		
Paraffin		
Pentane		
Perchloric Acid		
Perchloroethylene		
Petrolatum		
Petroleum		
Phenol (10%)		
Phenol (Carbolic Acid)		
Phosphoric Acid (>40%)		
Phosphoric Acid (crude)		
Phosphoric Acid (molten)		
Phosphoric Acid (S40%)		
Phosphoric Acid Anhydride		
Phosphorus		
Phosphorus Trichloride		
Photographic Developer		
Photographic Solutions		
Phthalic Acid		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Oleum 25%			
Oleum 100%			
Oxalic Acid (cold)			
Ozone			
Palmitic Acid			
Paraffin			
Pentane			
Perchloric Acid			
Perchloroethylene			
Petrolatum			
Petroleum			
Phenol (10%)			
Phenol (Carbolic Acid)			
Phosphoric Acid (>40%)			
Phosphoric Acid (crude)			
Phosphoric Acid (molten)			
Phosphoric Acid (S40%)			
Phosphoric Acid Anhydride			
Phosphorus			
Phosphorus Trichloride			
Photographic Developer			
Photographic Solutions			
Phthalic Acid			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





















Chemical	304 Stainless Steel	316 Stainless Steel
Phthalic Anhydride		
Picric Acid		
Plating Solutions, Antimony Plating 130°F		
Plating Solutions, Arsenic Plating 110°F		
Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F		
Plating Solutions, Brass Plating: Regular Brass Bath 100°F		
Plating Solutions, Bronze Plating: Cu- Cd Bronze Bath R.T.		
Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F		
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F		
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F		
Plating Solutions, Cadmium Plating: Fluob- orate Bath 100°F		
Plating Solutions, Chro- mium Plating: Barrel Chrome Bath 95°F		































Chemical	Aluminum	PVC	GALV- ZINC STEEL
Phthalic Anhydride			
Picric Acid			
Plating Solutions, Antimony Plating 130°F			
Plating Solutions, Arsenic Plating 110°F			
Plating Solutions, Brass Plating: High-Speed Brass Bath 110°F			
Plating Solutions, Brass Plating: Regular Brass Bath 100°F			
Plating Solutions, Bronze Plating: Cu- Cd Bronze Bath R.T.			
Plating Solutions, Bronze Plating: Cu-Sn Bronze Bath 160°F			
Plating Solutions, Bronze Plating: Cu-Zn Bronze Bath 100°F			
Plating Solutions, Cadmium Plating: Cyanide Bath 90°F			
Plating Solutions, Cadmium Plating: Fluob- orate Bath 100°F			
Plating Solutions, Chro- mium Plating: Barrel Chrome Bath 95°F			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY















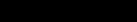







Chemical	304 Stainless Steel	316 Stainless Steel
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F		
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F		
Plating Solutions, Chromium Plating: Fluoride Bath 130°F		
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F		
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F		
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.		
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F		
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F		
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F		
Plating Solutions, Copper Plating (Misc): Copper (Electroless)		






















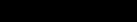
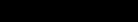
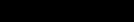









Chemical	Aluminum	PVC	GALV-ZINC STEEL
Plating Solutions, Chromium Plating: Black Chrome Bath 115°F			
Plating Solutions, Chromium Plating: Chromic-Sulfuric Bath 130°F			
Plating Solutions, Chromium Plating: Fluoride Bath 130°F			
Plating Solutions, Chromium Plating: Fluosilicate Bath 95°F			
Plating Solutions, Copper Plating (Acid): Copper Fluoborate Bath 120°F			
Plating Solutions, Copper Plating (Acid): Copper Sulfate Bath R.T.			
Plating Solutions, Copper Plating (Cyanide): Copper Strike Bath 120°F			
Plating Solutions, Copper Plating (Cyanide): High-Speed Bath 180°F			
Plating Solutions, Copper Plating (Cyanide): Rochelle Salt Bath 150°F			
Plating Solutions, Copper Plating (Misc): Copper (Electroless)			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY























Chemical	304 Stainless Steel	316 Stainless Steel
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate		
Plating Solutions, Gold Plating: Acid 75°F		
Plating Solutions, Gold Plating: Cyanide 150°F		
Plating Solutions, Gold Plating: Neutral 75°F		
Plating Solutions, Indium Sulfamate Plating R.T.		
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F		
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F		
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F		
Plating Solutions, Iron Plating: Fluoborate Bath 145°F		
Plating Solutions, Iron Plating: Sulfamate 140°F		
Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F		









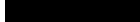
























Chemical	Aluminum	PVC	GALV-ZINC STEEL
Plating Solutions, Copper Plating (Misc): Copper Pyrophosphate			
Plating Solutions, Gold Plating: Acid 75°F			
Plating Solutions, Gold Plating: Cyanide 150°F			
Plating Solutions, Gold Plating: Neutral 75°F			
Plating Solutions, Indium Sulfamate Plating R.T.			
Plating Solutions, Iron Plating: Ferrous Am Sulfate Bath 150°F			
Plating Solutions, Iron Plating: Ferrous Chloride Bath 190°F			
Plating Solutions, Iron Plating: Ferrous Sulfate Bath 150°F			
Plating Solutions, Iron Plating: Fluoborate Bath 145°F			
Plating Solutions, Iron Plating: Sulfamate 140°F			
Plating Solutions, Iron Plating: Sulfate-Chloride Bath 160°F			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Plating Solutions, Lead Fluoborate Plating		
Plating Solutions, Nickel Plating: Electro-less 200°F		
Plating Solutions, Nickel Plating: Fluoborate 100-170°F		
Plating Solutions, Nickel Plating: High-Chloride 130-160°F		
Plating Solutions, Nickel Plating: Sulfamate 100-140°F		
Plating Solutions, Nickel Plating: Watts Type 115-160°F		
Plating Solutions, Rhodium Plating 120°F		
Plating Solutions, Silver Plating 80-120°F		
Plating Solutions, Tin-Fluoborate Plating 100°F		
Plating Solutions, Tin-Lead Plating 100°F		
Plating Solutions, Zinc Plating: Acid Chloride 140°F		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Plating Solutions, Lead Fluoborate Plating			
Plating Solutions, Nickel Plating: Electro-less 200°F			
Plating Solutions, Nickel Plating: Fluoborate 100-170°F			
Plating Solutions, Nickel Plating: High-Chloride 130-160°F			
Plating Solutions, Nickel Plating: Sulfamate 100-140°F			
Plating Solutions, Nickel Plating: Watts Type 115-160°F			
Plating Solutions, Rhodium Plating 120°F			
Plating Solutions, Silver Plating 80-120°F			
Plating Solutions, Tin-Fluoborate Plating 100°F			
Plating Solutions, Tin-Lead Plating 100°F			
Plating Solutions, Zinc Plating: Acid Chloride 140°F			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

















































Chemical	304 Stainless Steel	316 Stainless Steel
Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.		
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F		
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.		
Potash (Potassium Carbonate)		
Potassium Bicarbonate		
Potassium Bromide		
Potassium Chlorate		
Potassium Chloride		
Potassium Chromate		
Potassium Cyanide Solutions		
Potassium Dichromate		
Potassium Ferricyanide		
Potassium Ferrocyanide		
Potassium Hydroxide (Caustic Potash)		
Potassium Hypochlorite		
Potassium Iodide		
Potassium Nitrate		
Potassium Oxalate		






















































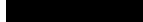


















Chemical	Aluminum	PVC	GALV-ZINC STEEL
Plating Solutions, Zinc Plating: Acid Fluoborate Bath R.T.			
Plating Solutions, Zinc Plating: Acid Sulfate Bath 150°F			
Plating Solutions, Zinc Plating: Alkaline Cyanide Bath R.T.			
Potash (Potassium Carbonate)			
Potassium Bicarbonate			
Potassium Bromide			
Potassium Chlorate			
Potassium Chloride			
Potassium Chromate			
Potassium Cyanide Solutions			
Potassium Dichromate			
Potassium Ferricyanide			
Potassium Ferrocyanide			
Potassium Hydroxide (Caustic Potash)			
Potassium Hypochlorite			
Potassium Iodide			
Potassium Nitrate			
Potassium Oxalate			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Potassium Permanganate		
Potassium Sulfate		
Potassium Sulfide		
Propane (liquified)		
Propylene		
Propylene Glycol		
Pyridine		
Pyrogallic Acid		
Resorcinal		
Rosins		
Rum		
Rust Inhibitors		
Salad Dressings		
Salicylic Acid		
Salt Brine (NaCl saturated)		
Sea Water		
Shellac (Bleached)		
Shellac (Orange)		
Silicone		
Silver Bromide		
Silver Nitrate		
Soap Solutions		
Soda Ash (see Sodium Carbonate)		
Sodium Acetate		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Potassium Permanganate			
Potassium Sulfate			
Potassium Sulfide			
Propane (liquified)			
Propylene			
Propylene Glycol			
Pyridine			
Pyrogallic Acid			
Resorcinal			
Rosins			
Rum			
Rust Inhibitors			
Salad Dressings			
Salicylic Acid			
Salt Brine (NaCl saturated)			
Sea Water			
Shellac (Bleached)			
Shellac (Orange)			
Silicone			
Silver Bromide			
Silver Nitrate			
Soap Solutions			
Soda Ash (see Sodium Carbonate)			
Sodium Acetate			

Ratings






- Excellent
- Good - Minor Effect, slight corrosion or discoloration
- Fair - Moderate Effect, not recommended for continuous use
- Severe Effect, not recommended for ANY use
- Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





















































Chemical	304 Stainless Steel	316 Stainless Steel
Sodium Aluminate	Excellent	Excellent
Sodium Benzoate	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Bicarbonate	Excellent	Excellent
Sodium Bisulfate	Severe Effect, not recommended for ANY use	Fair - Moderate Effect, not recommended for continuous use
Sodium Bisulfite	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Borate (Borax)	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Bromide	Fair - Moderate Effect, not recommended for continuous use	Fair - Moderate Effect, not recommended for continuous use
Sodium Carbonate	Excellent	Excellent
Sodium Chlorate	Excellent	Good - Minor Effect, slight corrosion or discoloration
Sodium Chloride	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Chromate	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Cyanide	Excellent	Good - Minor Effect, slight corrosion or discoloration
Sodium Ferrocyanide	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Fluoride	Severe Effect, not recommended for ANY use	Severe Effect, not recommended for ANY use
Sodium Hydrosulfite	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Hydroxide (20%)	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Hydroxide (50%)	Good - Minor Effect, slight corrosion or discoloration	Good - Minor Effect, slight corrosion or discoloration
Sodium Hydroxide (80%)	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration
Sodium Hypochlorite (<20%)	Fair - Moderate Effect, not recommended for continuous use	Fair - Moderate Effect, not recommended for continuous use
Sodium Hypochlorite (100%)	Severe Effect, not recommended for ANY use	Severe Effect, not recommended for ANY use
Sodium Hyposulfate	Excellent	Excellent
Sodium Metaphosphate	Excellent	Excellent















































































Chemical	Aluminum	PVC	GALV- ZINC STEEL
Sodium Aluminate	Information not available at time of Publishing	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Benzoate	Excellent	Information not available at time of Publishing	Good - Minor Effect, slight corrosion or discoloration
Sodium Bicarbonate	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Bisulfate	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Bisulfite	Severe Effect, not recommended for ANY use	Information not available at time of Publishing	Severe Effect, not recommended for ANY use
Sodium Borate (Borax)	Fair - Moderate Effect, not recommended for continuous use	Fair - Moderate Effect, not recommended for continuous use	Good - Minor Effect, slight corrosion or discoloration
Sodium Bromide	Severe Effect, not recommended for ANY use	Information not available at time of Publishing	Severe Effect, not recommended for ANY use
Sodium Carbonate	Severe Effect, not recommended for ANY use	Excellent	Good - Minor Effect, slight corrosion or discoloration
Sodium Chlorate	Fair - Moderate Effect, not recommended for continuous use	Excellent	Good - Minor Effect, slight corrosion or discoloration
Sodium Chloride	Fair - Moderate Effect, not recommended for continuous use	Excellent	Fair - Moderate Effect, not recommended for continuous use
Sodium Chromate	Good - Minor Effect, slight corrosion or discoloration	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Cyanide	Severe Effect, not recommended for ANY use	Excellent	Information not available at time of Publishing
Sodium Ferrocyanide	Excellent	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Fluoride	Good - Minor Effect, slight corrosion or discoloration	Severe Effect, not recommended for ANY use	Information not available at time of Publishing
Sodium Hydrosulfite	Excellent	Fair - Moderate Effect, not recommended for continuous use	Information not available at time of Publishing
Sodium Hydroxide (20%)	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Hydroxide (50%)	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Hydroxide (80%)	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Hypochlorite (<20%)	Severe Effect, not recommended for ANY use	Excellent	Fair - Moderate Effect, not recommended for continuous use
Sodium Hypochlorite (100%)	Severe Effect, not recommended for ANY use	Excellent	Severe Effect, not recommended for ANY use
Sodium Hyposulfate	Severe Effect, not recommended for ANY use	Information not available at time of Publishing	Information not available at time of Publishing
Sodium Metaphosphate	Fair - Moderate Effect, not recommended for continuous use	Information not available at time of Publishing	Information not available at time of Publishing

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY





















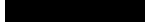
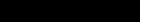


























Chemical	304 Stainless Steel	316 Stainless Steel
Sodium Metasilicate		
Sodium Nitrate		
Sodium Perborate		
Sodium Peroxide		
Sodium Polyphosphate		
Sodium Silicate		
Sodium Sulfate		
Sodium Sulfide		
Sodium Sulfite		
Sodium Tetraborate		
Sodium Thiosulfate (hypo)		
Sorghum		
Soy Sauce		
Stannic Chloride		
Stannic Fluoborate		
Stannous Chloride		
Starch		
Stearic Acid		
Stoddard Solvent		
Styrene		
Sugar (Liquids)		
Sulfate (Liquors)		
Sulfur Chloride		
Sulfur Dioxide		
Sulfur Dioxide (dry)		
Sulfer Hexafluoride		































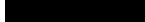







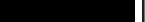


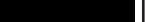





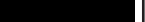
























Chemical	Aluminum	PVC	GALV-ZINC STEEL
Sodium Metasilicate			
Sodium Nitrate			
Sodium Perborate			
Sodium Peroxide			
Sodium Polyphosphate			
Sodium Silicate			
Sodium Sulfate			
Sodium Sulfide			
Sodium Sulfite			
Sodium Tetraborate			
Sodium Thiosulfate (hypo)			
Sorghum			
Soy Sauce			
Stannic Chloride			
Stannic Fluoborate			
Stannous Chloride			
Starch			
Stearic Acid			
Stoddard Solvent			
Styrene			
Sugar (Liquids)			
Sulfate (Liquors)			
Sulfur Chloride			
Sulfur Dioxide			
Sulfur Dioxide (dry)			
Sulfer Hexafluoride			

Ratings






	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY



















































Chemical	304 Stainless Steel	316 Stainless Steel
Sulfer Trioxide		
Sulfer Trioxide (dry)		
Sulfuric Acid (<10%)		
Sulfuric Acid (10-75%)		
Sulfuric Acid (75-100%)		
Sulfuric Acid (cold concentrated)		
Sulfuric Acid (hot concentrated)		
Sulfurous Acid		
Sulfuryl Chloride		
Tallow		
Tannic Acid		
Tanning Liquors		
Tartaric Acid		
Tetrachloroethane		
Tetrachloroethylene		
Tetrahydrofuran		
Tin Salts		
Toluene (Toluol)		
Tomato Juice		
Trichloroacetic Acid		
Trichloroethane		
Trichloroethylene		
Trichloropropane		
Tricresylphosphate		









































































Chemical	Aluminum	PVC	GALV-ZINC STEEL
Sulfer Trioxide			
Sulfer Trioxide (dry)			
Sulfuric Acid (<10%)			
Sulfuric Acid (10-75%)			
Sulfuric Acid (75-100%)			
Sulfuric Acid (cold concentrated)			
Sulfuric Acid (hot concentrated)			
Sulfurous Acid			
Sulfuryl Chloride			
Tallow			
Tannic Acid			
Tanning Liquors			
Tartaric Acid			
Tetrachloroethane			
Tetrachloroethylene			
Tetrahydrofuran			
Tin Salts			
Toluene (Toluol)			
Tomato Juice			
Trichloroacetic Acid			
Trichloroethane			
Trichloroethylene			
Trichloropropane			
Tricresylphosphate			

Ratings

	Excellent
	Good - Minor Effect, slight corrosion or discoloration
	Fair - Moderate Effect, not recommended for continuous use
	Severe Effect, not recommended for ANY use
	Information not available at time of Publishing

CONDUIT ALLOY COMPATABILITY

Chemical	304 Stainless Steel	316 Stainless Steel
Triethylamine		
Trisodium Phosphate		
Turpentine		
Urea		
Uric Acid		
Urine		
Varnish		
Vegetable Juice		
Vinegar		
Vinyl Acetate		
Vinyl Chloride		
Water, Acid, Mine		
Water, Deionized		
Water, Distilled		
Water, Fresh		
Water, Salt		
Weed Killers		
Whey		
Whiskey & Wines		
White Liquor (Pulp Mill)		
White Water(Paper Mill)		
Xylene		
Zinc Chloride		
Zinc Hydrosulfite		
Zinc Sulfate		

Chemical	Aluminum	PVC	GALV-ZINC STEEL
Triethylamine			
Trisodium Phosphate			
Turpentine			
Urea			
Uric Acid			
Urine			
Varnish			
Vegetable Juice			
Vinegar			
Vinyl Acetate			
Vinyl Chloride			
Water, Acid, Mine			
Water, Deionized			
Water, Distilled			
Water, Fresh			
Water, Salt			
Weed Killers			
Whey			
Whiskey & Wines			
White Liquor (Pulp Mill)			
White Water(Paper Mill)			
Xylene			
Zinc Chloride			
Zinc Hydrosulfite			
Zinc Sulfate	