

CORROSION/MOISTURE RESISTANT CHAIN

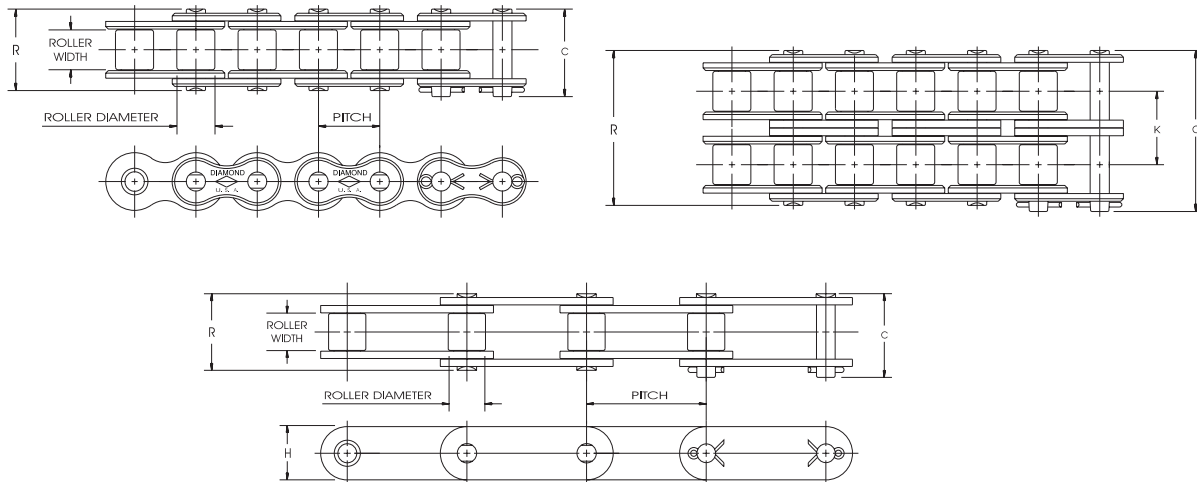
Chain Descriptions and Dimensions

Nickel-Plated Chain

Diamond Chain produces a full line of Nickel-Plated roller chains for a variety of uses in environments where the chains are exposed to moisture. Common uses include applications exposed to the weather, high humidity or those on machines that are frequently washed down with water.

Diamond Nickel-Plated chain is different from many rust-resistant chains, because Diamond electroless nickel plates all of the components before assembly, virtually eliminating the possibility of stress-corrosion cracking. Pre-assembly plating also ensures all components are plated, which prevents internal rust from seeping out and causing contamination.

Note: These chains are not intended to resist corrosion from caustic chemicals or acids. For those types of applications, stainless steel chain is recommended.



Dimensions in Inches and Pounds

Diamond Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight Per Foot	Average Tensile Strength
25NP	1/4	1/8	*.130	.090	.030	.37	.34	.085	875
35NP	3/8	3/16	*.200	.141	.050	.56	.50	.220	2100
40NP	1/2	5/16	.312	.156	.060	.72	.67	.420	4000
50NP	5/8	3/8	.400	.200	.080	.89	.83	.680	6600
60NP	3/4	1/2	.469	.234	.094	1.11	1.04	.970	8500
80NP	1	5/8	.625	.312	.125	1.44	1.32	1.700	14500
100NP	1 1/4	3/4	.750	.375	.156	1.73	1.61	2.500	24000
120NP	1 1/2	1	.875	.437	.187	2.14	2.00	3.700	34000
C2040NP	1	5/16	.312	.156	.060	.76	.68	.320	3700
C2050NP	1 1/4	3/8	.400	.200	.080	.92	.84	.550	6100
C2060HNP	1 1/2	1/2	.469	.234	.125	1.25	1.18	.970	8500

* Chains are rollerless — dimension shown is bushing diameter.

CORROSION/MOISTURE RESISTANT CHAIN

Chain Descriptions and Dimensions



Stainless Steel Chain

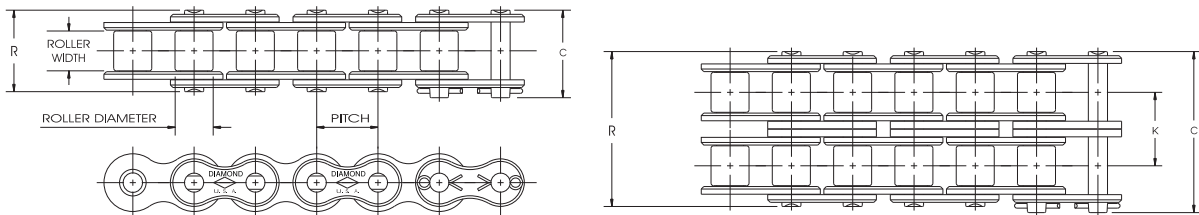
Diamond produces a wide range of Single-Pitch Drive and Double-Pitch Conveyor chains manufactured in four combinations of stainless steel depending upon the specific application.

AP Stainless Chain: This chain is assembled using 300 Series (austenitic stainless) link plates, bushings and rollers along with a precipitation-hardened stainless steel pin. This combination increases the wear life of this chain over those constructed entirely of 300 Series components. AP Stainless chains are well suited for food processing, and are approved by the Food and Drug Administration. AP Stainless will be supplied unless otherwise specified.

300 Series Stainless Chain: These chains are assembled entirely from 300 Series (austenitic) components. They have excellent corrosion resistance and very low magnetic permeability but cannot be expected to have the same wear resistance of our heat treated stainless chains. For industries that require it, 300 Series chains can be considered "non-sparking."

400 Series Stainless Chain: These chains are manufactured using 300 Series link plates but have pins, bushings and rollers that are produced from 400 Series (martensitic) heat treated stainless. This combination significantly increases wear resistance over those that are constructed using only 300 Series stainless chains. The properties of the 400 Series heat treated parts may, in some instances, cause them to discolor when in contact with certain chemicals.

600 Series Stainless Chain: These chains are assembled using 300 Series link plates, with pins, bushings and rollers made from 600 Series (17-4/17-7) precipitation-hardened stainless.



Dimensions in Inches and Pounds

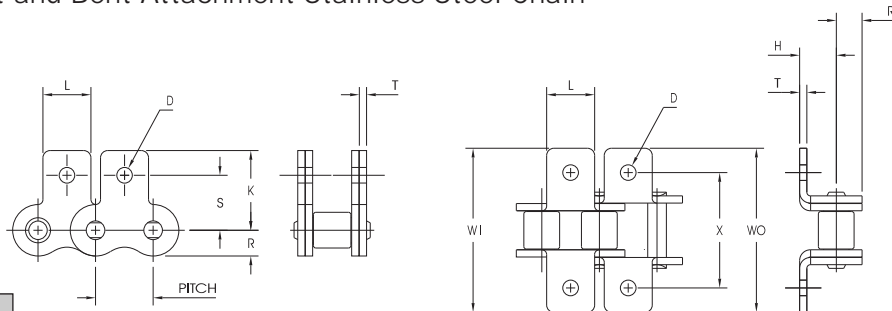
Diamond Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	LinkPlate Thickness	C	R	K	Weight Per Foot	Average Tensile Strength
47SS	.1475	.072	*.090	.062	.015	.25	.22	.....	.035	180
25SS	1/4	1/8	*.130	.090	.030	.37	.34	.....	.084	700
25-2SS	1/4	1/8	*.130	.090	.030	.63	.59	.252	.163	1400
35SS	3/8	3/16	*.200	.141	.050	.56	.50	.....	.210	1700
40SS	1/2	5/16	.312	.156	.060	.72	.67	.....	.410	3000
40-2SS	1/2	5/16	.312	.156	.060	1.29	1.24	.566	.800	6000
41SS	1/2	1/4	.306	.141	.050	.65	.57	.....	.280	1700
50SS	5/8	3/8	.400	.200	.080	.89	.83	.....	.680	4700
50-2SS	5/8	3/8	.400	.200	.080	1.60	1.55	.713	1.320	9400
60SS	3/4	1/2	.469	.234	.094	1.11	1.04	.....	1.000	6750
60-2SS	3/4	1/2	.469	.234	.094	2.01	1.94	.897	1.950	13500
80SS	1	5/8	.625	.312	.125	1.44	1.32	.....	1.690	12000

* Chains are rollerless — dimension shown is bushing diameter.

CORROSION/MOISTURE RESISTANT CHAIN

Chain Descriptions and Dimensions

Standard Straight and Bent Attachment Stainless Steel Chain



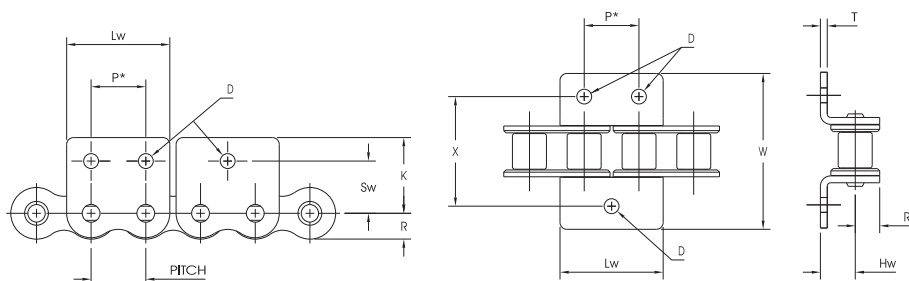
Others	Diamond
M-35, SA1	S1 (one hole)
M-1, SK1	S2 (one hole)

Others	Diamond
A1	B1 (one hole)
K1	B2 (one hole)

Dimensions in Inches

Diamond Number	Pitch Inches	D	H	K	L	R Max.	S	T	WI	WO	X
25SS	.250	.102	.180	.451	.218	.119	.308	.030	.781	.843	.562
35SS	.375	.094	.250	.577	.312	.178	.387	.050	1.125	1.125	.750
40SS	.500	.125	.312	.684	.375	.238	.489	.060	1.390	1.390	1.000
41SS	.500	.125	.282	.698	.375	.192	.482	.050	1.375	1.375	.937
50SS	.625	.203	.406	.895	.500	.297	.618	.080	1.812	1.812	1.250
60SS	.750	.203	.478	1.038	.625	.356	.716	.094	2.135	2.135	1.500
80SS	1.000	.250	.625	1.339	.750	.475	.968	.125	2.750	2.750	2.000

Wide Contour Straight and Bent Attachment Stainless Steel Chain



Others	Diamond	Others	Diamond
WM-35	WCS1 (one hole)	WM-1	WCS2 (one hole)
WM-35-2	WCS1 (two holes)	WM-2	WCS2 (two holes)

Others	Diamond	Others	Diamond
WA-1	WCB1 (one hole)	WK-1	WCB2 (one hole)
WA-2, A2	WCB1 (two holes)	WK-2, K2	WCB2 (two holes)

Dimensions in Inches

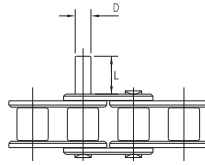
Diamond Number	Pitch Inches	D	Hw	K	Lw	P	R Max.	Sw	T	W	X
35SS	.375	.125	.262	.577	.727	.375	.178	.399	.050	1.105	.750
40SS	.500	.125	.326	.684	.946	.500	.238	.503	.060	1.366	1.000
50SS	.625	.203	.406	.895	1.211	.625	.297	.618	.080	1.807	1.250
60SS	.750	.203	.478	1.038	1.420	.750	.356	.716	.094	2.135	1.500
80SS	1.000	.250	.625	1.339	1.885	1.000	.475	.967	.125	2.750	2.000

CORROSION/MOISTURE RESISTANT CHAIN

Chain Descriptions and Dimensions

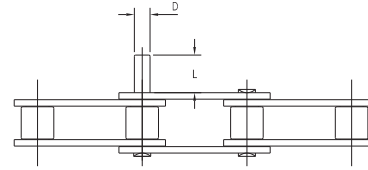
Standard Extended Pin Stainless Steel Chain

Others	Diamond
D1	E1 (one extended pin)
D3	E2 (two extended pins)



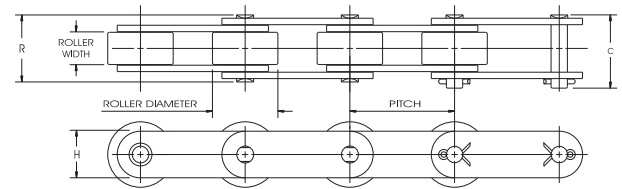
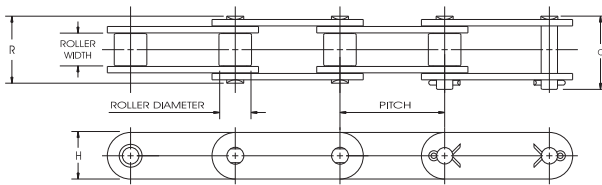
Dimensions in Inches

Diamond Number	Pitch Inches	D ± .0005"	L ± .010"
35SS	.375	.141	.375
40SS	.500	.156	.383
41SS	.500	.141	.375
50SS	.625	.200	.469
60SS	.750	.234	.562
80SS	1.000	.312	.750



Dimensions in Inches

Diamond Number	Pitch Inches	D ± .0005"	L ± .010"
C2040SS	1.00	.156	.375
C2042SS	1.00	.156	.375
C2050SS	1.25	.200	.469
C2052SS	1.25	.200	.469
C2060SS	1.50	.234	.562
C2062SS	1.50	.234	.562
C2080SS	2.00	.312	.750
C2082SS	2.00	.312	.750



Double-Pitch Oval Contour Stainless Steel Conveyor Chain - Standard Diameter Roller

Dimensions in Inches and Pounds

Diamond Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight Per Foot	Average Tensile Strength
C-2040SS	1	5/16	.312	.156	.060	.76	.68	.34	3000
C-2050SS	1 1/4	3/8	.400	.200	.080	.92	.84	.56	4700
C-2060SS	1 1/2	1/2	.469	.234	.094	1.11	1.05	.81	6750
C-2080SS	2	5/8	.625	.312	.125	1.44	1.32	1.40	12000

Double-Pitch Oval Contour Stainless Steel Conveyor Chain - Large Diameter Roller

Dimensions in Inches and Pounds

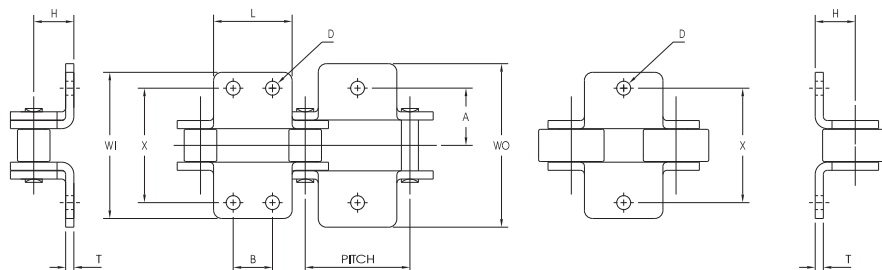
Diamond Number	Pitch Inches	Roller Width	Roller Diameter	Pin Diameter	Link Plate Thickness	C	R	Weight Per Foot	Average Tensile Strength
C-2042SS	1	5/16	.625	.156	.060	.76	.68	.55	3000
C-2052SS	1 1/4	3/8	.750	.200	.080	.92	.84	.86	4700
C-2062SS	1 1/2	1/2	.875	.234	.094	1.11	1.05	1.27	6750
C-2082SS	2	5/8	1.125	.312	.125	1.44	1.32	2.06	12000

CORROSION/MOISTURE RESISTANT CHAIN

Chain Descriptions and Dimensions

Double-Pitch Oval Contour Stainless Steel Conveyor Chain Bent Attachments

Oval Contour Link Plates
Standard and Oversized Roller



Others	Diamond
A1	B1 (one hole)
A2	B1 (two holes)

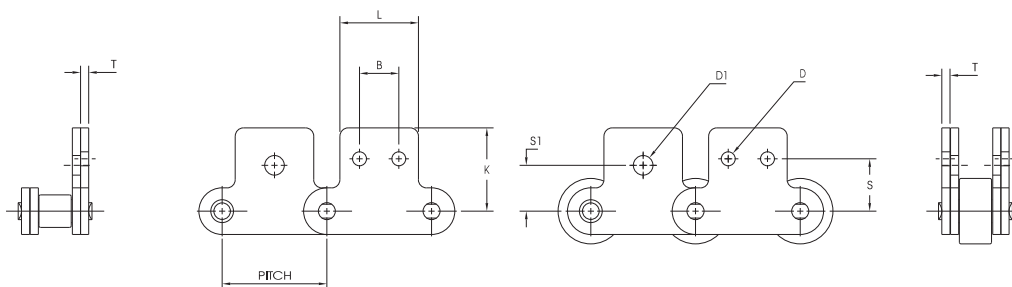
Others	Diamond
K1	B2 (one hole)
K2	B2 (two holes)

Dimensions in Inches

Standard Roller		Pitch Inches	A	B	D	H	L	T	WI	WO	X	Large Roller	
Diamond Number	Roller Diameter											Diamond Number	Roller Diameter
C2040SS	.312	1.00	.500	.375	.125	.355	.750	.060	1.350	1.488	1.000	C2042SS	.625
C2050SS	.400	1.25	.625	.469	.203	.453	.937	.080	1.692	1.863	1.250	C2052SS	.750
C2060SS	.469	1.50	.844	.562	.203	.561	1.125	.094	2.115	2.317	1.688	C2062SS	.875
C2080SS	.625	2.00	1.094	.750	.266	.739	1.500	.125	2.760	3.028	2.188	C2082SS	1.125

Double-Pitch Oval Contour Stainless Steel Conveyor Chain Straight Attachments

Oval Contour Link Plates
Standard and Oversized Roller



Others	Diamond
M-35, SA1	S1 (one hole)
M-35-2, SA2	S1 (two holes)

Others	Diamond
M-1, SK1	S2 (one hole)
M-2, SK2	S2 (two holes)

Dimensions in Inches

Standard Roller		Pitch Inches	2 Attachment Holes			K	L	T	1 Attachment Hole		Large Roller	
Diamond Number	Roller Diameter		B	D	S				D1	S1	Diamond Number	Roller Diameter
C2040SS	.312	1.00	.375	.125	.531	.773	.750	.060	.188	.438	C2042SS	.625
C2050SS	.400	1.25	.469	.203	.625	.971	.937	.080	.250	.563	C2052SS	.750
C2060SS	.469	1.50	.562	.203	.750	1.203	1.125	.094	.329	.688	C2062SS	.875
C2080SS	.625	2.00	.750	.266	1.000	1.590	1.500	.125	.375	.875	C2082SS	1.125

CORROSION/MOISTURE RESISTANT CHAIN



TR = Total Resistance

SR = Satisfactory Resistance

PR = Partial Resistance

NR = Not Recommended

Corrosion Resistance of Stainless Steel Chains

	AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated		AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated
Acetic Acid					Bichloride of Mercury				
Dilute 70°F	TR	TR	PR	NR	less than 0.1%	TR	TR	----	NR
Dilute Boiling	TR	PR	PR	NR	greater than 0.7%-cold	SR	SR	----	NR
Conc. 70°F	TR	TR	PR	NR	greater than 0.7%-hot	PR	PR	----	----
Conc. Boiling	PR	SR	PR	NR	Calcium Hypochloride	PR	PR	PR	NR
Acetic Anhydride	TR	TR	SR	NR	Blood (Meat Juices)	TR	TR	TR	NR
Acetic Vapors	TR	PR	----	NR	Blue Vitriol (Copper Sulfate)				
Acetone	TR	TR	SR	NR	5%-70°F	TR	TR	TR	NR
Alcohol (Methyl, Ethyl, Propyl, and Butyl)	TR	TR	TR	NR	Saturated Solution-Boiling	TR	TR	----	NR
Aluminum Acetate	TR	TR	----	NR	Borax	TR	TR	TR	NR
Aluminum Chloride	PR	PR	PR	NR	Boric Acid	TR	TR	TR	NR
Aluminum Sulfate					Bromine	NR	NR	NR	NR
70°F	SR	TR	----	NR	Buttermilk	TR	TR	TR	NR
Boiling	SR	SR	----	NR	Butyric Acid	SR	TR	TR	NR
Aluminum Potassium Sulfate					Calcium Chloride (Alkaline)				
70°F	TR	TR	PR	NR	Boiling	TR	TR	----	NR
Boiling	SR	SR	----	NR	Boiling, 300 lbs. Pressure	NR	PR	----	NR
Ammonia					Calcium Carbonate	TR	TR	TR	NR
(Ammonium Hydroxide)	TR	TR	TR	NR	Calcium Oxychloride	PR	PR	----	NR
Ammonium Bicarbonate	TR	TR	TR	NR	Calcium Sulfate	TR	TR	----	NR
Ammonium Chloride					Carbolic Acid	TR	TR	TR	NR
70°F	TR	TR	SR	NR	Carbon Disulfide	TR	TR	TR	NR
Boiling	NR	SR	----	NR	Carbon Monoxide	TR	TR	TR	NR
Ammonium Nitrate	TR	TR	TR	NR	Carbon Tetrachloride (Pure)	TR	TR	TR	NR
Ammonium Oxalate	TR	TR	TR	NR	Carnallite (Potassium, Magnesium Chloride)	SR	SR	----	NR
Ammonium Persulfate	TR	TR	----	NR	Caustic Lime, Potash or Soda (Calcium, Potassium, or So- dium Hydroxide), Lye				
Ammonium Sulfate					70°F	TR	TR	TR	NR
70°F	TR	TR	SR	NR	Boiling	SR	SR	SR	NR
plus 0.5% H ₂ SO ₄	TR	TR	----	NR	Cellulose	TR	TR	----	NR
plus 5.0% H ₂ SO ₄	TR	PR	----	NR	Chlorine Gas				
Ammonium Stannichloride					Dry	NR	PR	PR	NR
70°F	SR	SR	----	NR	Moist	NR	NR	NR	NR
120°F	NR	NR	----	NR	Chlorinated Water	NR	PR	TR	NR
Aniline	TR	TR	TR	NR	Chlorobenzine	TR	TR	----	NR
Aniline Hydrochloride	PR	PR	----	NR	Chloroform	TR	TR	----	NR
Antimony, Molten, 1100°F	NR	NR	NR	NR	Chromic Acid				
Baking Soda (Sodium Bicarbonate)	TR	TR	TR	NR	70°F	TR	SR	PR	NR
Barium Carbonate	TR	TR	TR	NR	Boiling	PR	PR	----	NR
Barium Chloride					with SO ₃ , Boiling	NR	NR	NR	NR
70°F	TR	TR	SR	NR	Chrome Aluminum	TR	TR	----	NR
Hot	SR	SR	----	NR	Boiling	NR	NR	----	NR
Barium Nitrate	TR	TR	----	NR	Citric Acid-10%				
Barium Sulfate	TR	TR	----	NR	70°F	TR	TR	TR	NR
Beer	TR	TR	TR	NR	Boiling	PR	PR	NR	NR
Beet Juice	TR	TR	TR	NR	Cola Syrup	TR	TR	SR	NR
Benzene (Benzol)	TR	TR	TR	NR	Copperas (Ferrous Sulfate)	SR	SR	SR	NR
Benzine	TR	TR	TR	NR	Copper Acetate	TR	TR	----	NR
Benzoic Acid	TR	TR	TR	NR					

Chart continues on next page.

CORROSION/MOISTURE RESISTANT CHAIN

Corrosion Resistance of Stainless Steel Chains

Chart continued from previous page.

	AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated		AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated
Copper Carbonate	TR	TR	TR	NR	Lactic Acid				
Copper Chloride					70°F	SR	TR	SR	NR
70°F	PR	PR	PR	NR	150°F	PR	PR	PR	NR
Boiling	NR	NR	NR	NR	Lard	TR	TR	---	NR
Copper Cyanide	TR	TR	TR	NR	Lead, Molten, 1200°F	SR	SR	PR	NR
Copper Nitrate	TR	TR	TR	NR	Linseed Oil	SR	TR	SR	NR
Copper Sulfate	TR	TR	TR	NR	Lye (Sodium or Potassium Hydroxide)				
Creosote	TR	TR	TR	NR	70°F	TR	TR	TR	NR
Cyanogen Gas	TR	TR	---	NR	Boiling	SR	SR	SR	NR
Dichloro-ethane (Ethylidene Chloride, Ethylene Chloride, Dutch Liquor)	TR	TR	---	NR	Lysol	TR	TR	PR	NR
Dyewood Liquor	TR	TR	---	NR	Magnesium Chloride				
Epsom Salts (Magnesium Sulfate)	TR	TR	SR	NR	70°F	SR	SR	SR	NR
Ether	TR	TR	TR	NR	Hot	PR	PR	PR	NR
Ferric Hydroxide	TR	TR	TR	NR	Magnesium Oxychloride	PR	PR	---	NR
Ferric Chloride	PR	PR	PR	NR	Magnesium Sulfate (Epsom Salt)	TR	TR	SR	NR
Ferric Nitrate	TR	TR	TR	NR	Malic Acid	TR	TR	SR	NR
Ferric or Ferrous Sulfate	SR	SR	SR	NR	Manganese Chloride	TR	TR	---	NR
Formaldehyde (Formalin)	TR	TR	TR	NR	Marsh Gas (Illuminating Gas)	TR	TR	---	NR
Formic Acid	PR	SR	PR	NR	Mash, Hot	TR	TR	---	NR
Fruit Juices	SR	TR	PR	NR	Mayonnaise	TR	SR	PR	NR
Fuel Oil	TR	TR	---	NR	Mercury	TR	TR	---	NR
Fuel Oil Containing Sulfuric Acid	PR	PR	---	NR	Methyl Aldehyde	TR	TR	---	NR
Gallic Acid	TR	TR	TR	NR	Milk-Sweet or Sour	TR	TR	TR	NR
Gasoline	TR	TR	TR	NR	Mine Water, Acid	TR	TR	TR	NR
Glauber's Salt (Sodium Sulfate)	TR	TR	TR	NR	Mixed Acids				
Glue acidified	SR	SR	---	NR	a. 50% H ₂ SO ₄ 50% HNO ₃				
Glycerine	TR	TR	TR	NR	70°F	SR	SR	SR	NR
Grape Juice	SR	TR	TR	NR	Boiling	PR	PR	PR	NR
Gypsum (Calcium Sulfate)	TR	TR	---	NR	b. 75% H ₂ SO ₄ 25% HNO ₃				
Hydrogen Peroxide	SR	SR	SR	NR	70°F	SR	SR	SR	NR
Hydrobromic Acid	PR	PR	PR	NR	Boiling	PR	PR	PR	NR
Hydrochloric Acid (Muriatic)					c. 5% H ₂ SO ₄ 5% HNO ₃				
70°F	NR	PR	PR	NR	80% H ₂ O				
Boiling	NR	NR	NR	NR	70°F	SR	SR	SR	NR
Fumes-70°F	NR	PR	PR	NR	Boiling	SR	SR	---	NR
Hydrocyanic Acid (Prussic Acid)	TR	TR	PR	NR	d. Chromic and Sulfuric	PR	PR	---	NR
Hydrofluoric Acid Fumes	PR	PR	---	NR	Molasses	TR	TR	---	NR
Hydrafluosilic Acid	PR	PR	---	NR	Mustard (Prepared)	TR	TR	NR	NR
Hydrofluosilic Acid Fumes	NR	NR	NR	NR	Naphtha, Pure or Crude	TR	TR	TR	NR
Hyposulfite of Soda (Hypo, Sodium Thiosulfate)	TR	TR	SR	NR	Nickel Chloride	SR	SR	---	NR
Hydrogen Sulfide					Nickel Sulfate	TR	TR	---	NR
Dry	TR	TR	---	NR	Nitre (Potassium Nitrate)	TR	TR	TR	NR
Moist, H ₂ SO ₄ Present	NR	PR	---	NR	Nitric Acid				
Inks					70°F	SR	TR	TR	NR
Alkaline	TR	TR	---	NR	Concentrated, Boiling	SR	SR	NR	NR
Acid	SR	SR	---	NR	Fuming, Concentrated, Boiling	PR	PR	NR	NR
Iodine					Nitrous Acid	SR	TR	SR	NR
Dry	NR	TR	---	NR	Oleic Acid	TR	SR	SR	NR
Moist	NR	NR	NR	NR	Oils, Mineral or Vegetable				
Iodotorm	TR	TR	---	NR	Refined	TR	TR	TR	NR
Kerosene	TR	TR	TR	NR	Crude	SR	SR	SR	NR
Ketchup	TR	SR	SR	NR	Oxalic Acid	PR	PR	SR	NR
					Paraffin	TR	TR	TR	NR
					Phenol (Carbolic Acid)	TR	TR	TR	NR

Chart continues on next page.

CORROSION/MOISTURE RESISTANT CHAIN



Corrosion Resistance of Stainless Steel Chains

Chart continued from previous page.

	AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated		AP & 600 Series Stainless	300 Series Stainless	400 Series Stainless	NP Nickel Plated
Petroleum	TR	TR	TR	NR	Sodium Nitrate (Chili				
Petroleum Ether	TR	TR	TR	NR	Sallpeter, Soda Nitre)	TR	TR	TR	NR
Phosphoric Acid, Technical	TR	SR	PR	NR	Molten, 600°F	SR	SR	----	NR
Boiling Crude	NR	NR	NR	NR	Sodium Peroxide	TR	TR	----	NR
Picric Acid	TR	TR	TR	NR	Sodium Salicylate	TR	TR	TR	NR
Plaster of Paris (Sulfate of					Sodium Sulfate (Glauber's Salt)	TR	TR	TR	NR
Lime, Gypsum)	TR	TR	----	NR	Sodium Sulfide	SR	SR	SR	NR
Potash (Potassium Carbonate)	TR	TR	TR	NR	Sodium Thiosulfate (Hypo)	TR	TR	SR	NR
Potassium Bitartrate	SR	SR	----	NR	Stannic Chloride				
Potassium Bichromate	TR	TR	TR	NR	(Tetrachloride of Tin)	NR	NR	NR	NR
Potassium Bromide	SR	SR	PR	NR	Stannous Chloride	PR	PR	NR	NR
Potassium Chlorate	TR	TR	TR	NR	Starch	TR	TR	----	NR
Potassium Chloride	SR	SR	SR	NR	Strontium Hydroxide	TR	TR	----	NR
Potassium Cyanide	TR	TR	TR	NR	Strontium Nitrate	TR	TR	----	NR
Potassium Hydroxide					Sugar or Cane Juice	TR	TR	----	NR
Boiling	SR	SR	SR	NR	Sulfur, Dry				
Molten, 650°F	NR	NR	NR	NR	Molten, 260°F	TR	TR	----	NR
Potassium Hypochlorite	SR	SR	----	NR	Molten, 750°F	PR	PR	----	NR
Potassium Iodide	TR	TR	----	NR	Sulfur Monochloride				
Potassium Nitrate					(Rubber Vulcanizing)	TR	TR	----	NR
(Nitre, Saltpeter)	TR	TR	TR	NR	Sulfur Dioxide Gas, Moist	NR	SR	----	NR
Potassium Oxylate	TR	TR	SR	NR	Sulfurous Acid Water Solution				
Potassium Permanganate	TR	TR	TR	NR	Atmospheric Pressure	TR	TR	----	NR
Potassium Sulfate	TR	TR	TR	NR	Over 60 lbs. Pressure	PR	PR	----	NR
Potassium Sulfide	TR	TR	----	NR	Sulfuric Acid				
Pyrogallic Acid	TR	TR	TR	NR	70°F	SR	SR	----	NR
Prussic Acid					Boiling	NR	NR	NR	NR
(Hydrocyanic Acid)	TR	TR	PR	NR	Fuming	PR	PR	----	NR
Quinine Sulfate	TR	TR	SR	NR	Vapor (Battery Room)	SR	SR	----	NR
Quinine Bisulfate	SR	SR	PR	NR	Tannic Acid	TR	TR	SR	NR
Rosin, Molten	TR	TR	TR	NR	Tanning Liquor	TR	TR	----	NR
Salt (Sodium Chloride, Salt Brine)					Tartaric Acid	TR	TR	SR	NR
70°F	SR	SR	PR	NR	Tetrachloride of Tin	NR	NR	NR	NR
150°F	SR	SR	PR	NR	Tin, Molten, 1100°F	NR	NR	NR	NR
Sea Water	SR	SR	PR	NR	Trichloroethylene	SR	SR	SR	NR
Sewage, Sulfuric Acid Present	SR	SR	----	NR	Uric Acid	TR	TR	TR	NR
Silver Bromide	SR	SR	SR	NR	Varnish	TR	TR	TR	NR
Silver Nitrate	TR	TR	TR	NR	Vegetables	TR	TR	TR	NR
Soda Ash (Sodium Carbonate)	TR	TR	TR	NR	Vinegar (Acetic Acid)	TR	TR	PR	NR
Sodium Acetate	TR	TR	TR	NR	Whiskey	TR	TR	----	NR
Sodium Bicarbonate (Baking Soda)	TR	TR	TR	NR	Wood Pulp	TR	TR	----	NR
Sodium Bisulfate, Dilute	TR	TR	----	NR	Yeast	TR	TR	----	NR
Sodium Bisulfate	TR	TR	----	NR	Zinc, Molten, 1100°F	NR	NR	NR	NR
Sodium Citrate	TR	TR	TR	NR	Zinc Chloride				
Sodium Chlorate	TR	TR	TR	NR	100°F	TR	TR	PR	NR
Sodium Chloride (Salt, Salt Brine)					Boiling	PR	PR	----	NR
70°F	SR	SR	PR	NR	Zinc Cyanide	TR	TR	----	NR
150°F	SR	SR	PR	NR	Zinc Nitrate	TR	TR	----	NR
Sodium Cyanide	TR	TR	----	NR	Zinc Sulfate (White Vitriol)	SR	TR	TR	NR
Sodium Fluoride	SR	SR	SR	NR					
Sodium Hydroxide									
70°F	TR	TR	TR	NR					
Molten, 600°F	SR	SR	----	NR					
Sodium Hypochlorite	SR	SR	PR	NR					
Slightly Alkaline	TR	TR	----	NR					
Sodium Perchlorate	NR	TR	----	NR					
Sodium Hyposulfite (Hypo)	TR	TR	SR	NR					

