

Corrosion Resistant Chain

Corrosion and Heat Resistance

Hydro-Service® Chains

Hydro-Service® chains possess a unique dual coating that offers superior corrosion protection compared to nickel or zinc plating. These chains perform exceptionally well in freshwater, saltwater, or other mild corrosive conditions. The strength and working load values of Hydro-Service® chains are the same as our standard series roller chains.

300 Series Stainless Steel Chains

SS series stainless steel roller chains are made from AISI type 304 stainless steel to provide excellent corrosion protection. These versatile chains also operate successfully over a wide range of temperatures. The 304SS series is our standard stainless steel product.

600 Series Stainless Steel Chains

The PHSS series offers improved wear resistance and only slightly reduced corrosion resistance than our standard 304SS series chains. Precipitation-hardened pins and rollers combine with special nitrogen treated in austenitic stainless steel bushings to provide excellent resistance to galling — a problem found in other chains that use precipitation-hardened 600 series stainless steel pins and bushings.

316 Series Stainless Steel Chains

316SS series chains use parts made from AISI type 316 stainless steel for superior corrosion and heat resistance for the most difficult applications.

Nickel-Plated Chains

Nickel-Plated chains are well suited for outdoor service and/or mild corrosive applications. All components are plated prior to assembly to ensure uniform coverage.

Materials of Component Parts

Stainless Steel	Pin	Bushing	Roller	Link Plate
300SS	AISI 304	AISI 304	AISI 304	AISI 304
316SS	AISI 316	AISI 316	AISI 304	AISI 304
600SS	17-4 PH SS	17-4 PH SS	AISI 304	AISI 304

Performance of Corrosion Resistant Chains (Best = 1)

Chain	Corrosion Resistance	Temperature Resistance	Magnetism	Wear Resistance
Hydro-Service®	4	4	Magnetic	1
316SS	1	1	Non Magnetic	3
300SS	2	2	Slightly Magnetic	3
600SS	3	3	Magnetic	2
Nickel-Plated	5	4	Magnetic	1