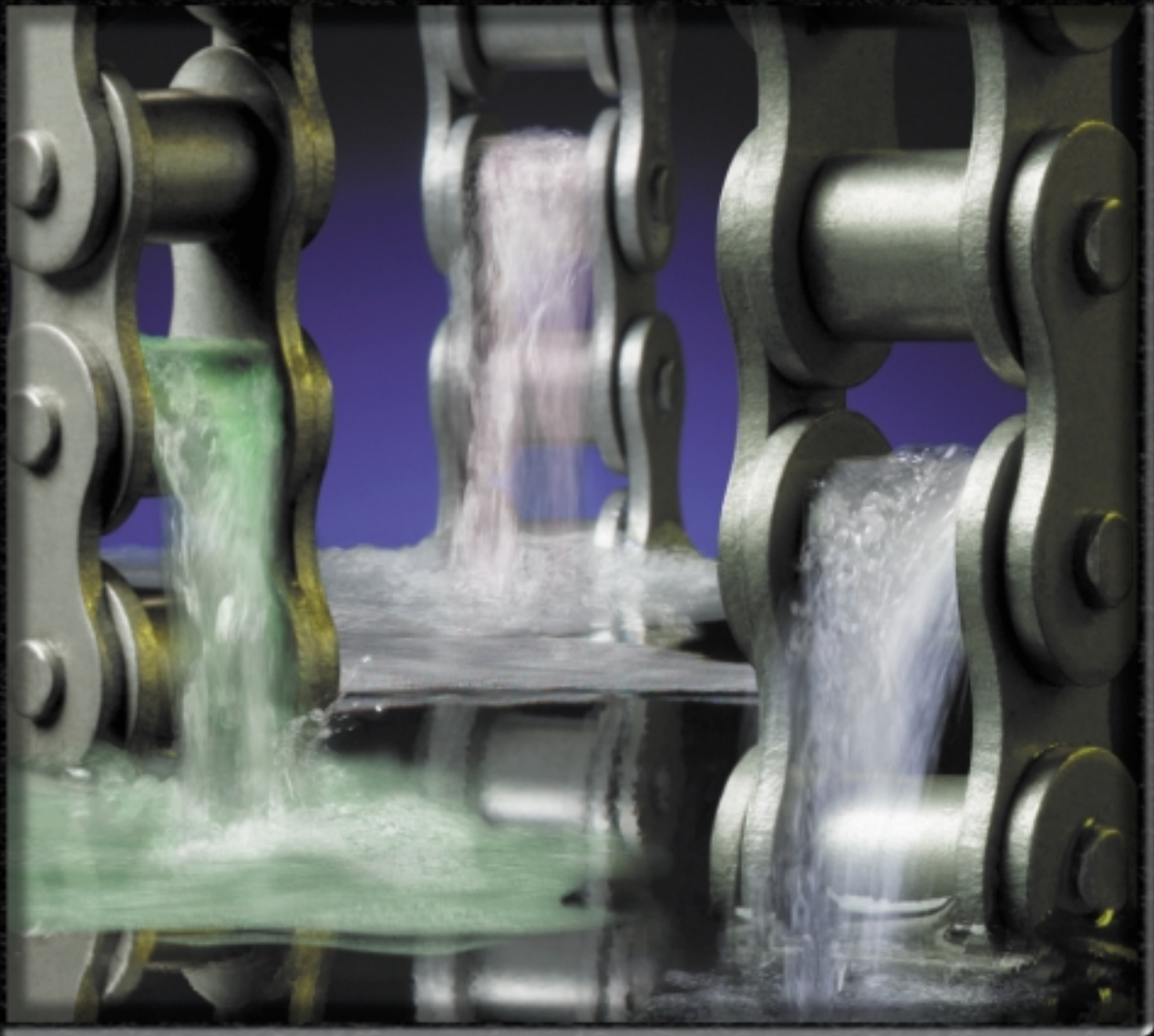


Rex® Roller Chains

REX® PLATINUM SERIES™

CORROSION RESISTANT CHAIN



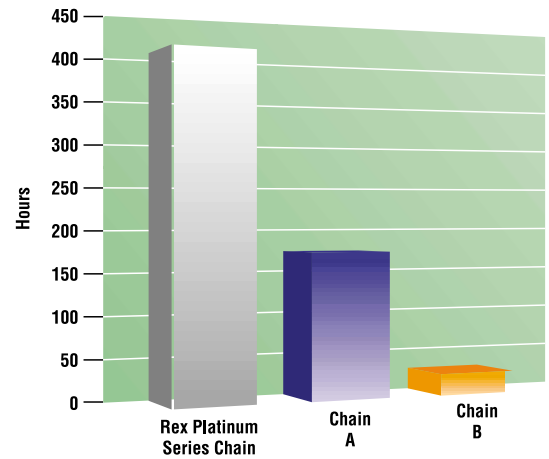
Rexnord
|||||

Rex® Platinum Series™ Chains Provide Superior Performance in Corrosive Environments

Salt Spray Test – Rex® Platinum Series™ Chain Lasts 142% Longer

The salt spray test is a continuous test in which samples are suspended in a salt fog in a heated environment as described in standard ASTM B117. Observations are made periodically to visually determine, and record, the type and extent of corrosion. The test was performed on assembled chain. Results of the test, represented by the hours required to reach 1% red rust, are illustrated.

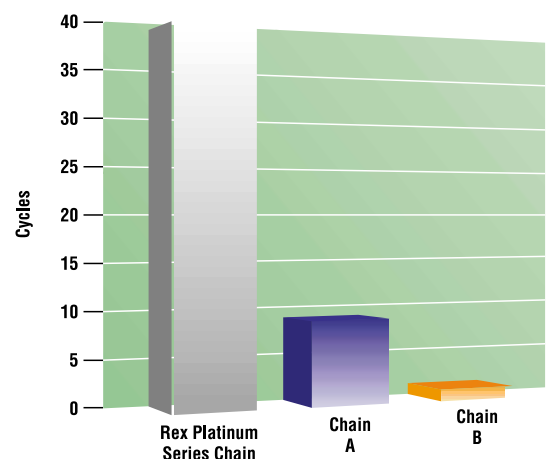
CHAIN DESCRIPTION	HOURS TO 1% RUST
Rex® Platinum Series™ Chain	408
Competitor A	168
Competitor B	24



Saltwater Immersion Test – Rex® Platinum Series™ Chain Lasts 375% Longer

One cycle of the test is performed by immersing chains in a 5% salt-water solution for 8 hours and then air drying for 16 hours. The test is conducted on assembled chain. The results represent the number of cycles required to reach 1% red rust.

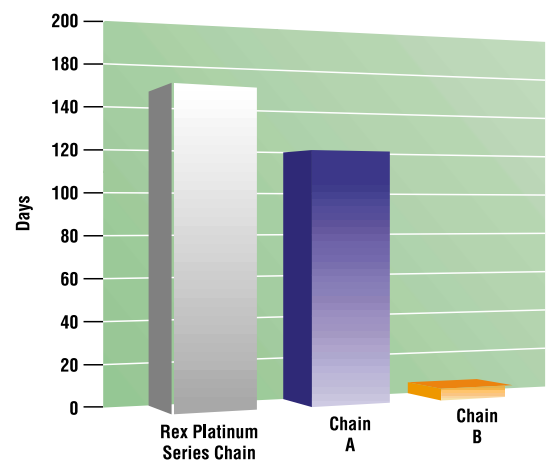
CHAIN DESCRIPTION	CYCLES TO 1% RUST
Rex® Platinum Series™ Chain	39
Competitor A	8
Competitor B	1



Outdoor Exposure Test – Rex® Platinum Series™ Chain Lasts Over 29% Longer

The outdoor exposure test was developed to determine the corrosion resistance of coated chains in an outdoor environment. The test was designed using ASTM G50-76 as a guideline. Coated chains are attached to an appropriate fixture, placed outdoors, and periodically checked for the presence of corrosion. The results of the test are represented by the number of days required to reach 1% red rust.

CHAIN DESCRIPTION	DAYS TO 1% RUST
Rex® Platinum Series™ Chain	155*
Competitor A	120
Competitor B	4



* Showed no sign of rust as of 155 days

Complete test results available upon request.



Introducing The New Rex® Platinum Series™ Chains With Revolutionary Protective Coating



Rexnord, the world leader in the manufacture of superior quality chains, is proud to introduce a new corrosion resistant chain. We have taken our precision, dependable and long-lasting carbon steel roller chain and given it a revolutionary new coating called STAZ®, which greatly increases the chain's durability in corrosive environments. This exclusive roller chain coating uses five distinct metals which are plated as both elemental metals and pseudo alloys.

The STAZ® coating significantly increases the life of our standard roller chain and out-performs the competition's corrosive resistant chains by up to 375% in certain applications. The unique silver STAZ® coating won't chip, rust or flake, so it is especially well suited for use in outdoor applications, saltwater environments or the food and beverage industry where frequent wash downs occur.



STAZ® is environmentally safe and the plating process takes place here in the USA, so there are no delays in fulfilling orders. The chain components are individually plated, then assembled to assure a continuous and complete coverage of the special process. You can now have the strength and durability of carbon steel chain with exceptional corrosion resistance.



For typical applications in harsh environments such as saltwater, high humidity or where moisture is present, the new Rex® Platinum Series™ chain will provide superior corrosion resistance, reducing your downtime related to unsightly rust and premature wear. Anywhere frequent wash downs occur or in extreme temperature environments, this chain will be a problem solver – food and beverage applications such as pasteurizers, rinsers, washers and marine applications are just a few examples of typical applications.



The new Rex® Platinum Series™ chains are less expensive than stainless and provide the same strength and working loads of Rex carbon steel precision roller chains. Depend on these chains for your corrosive environment applications.

STAZ® is a registered trademark of Wisconsin Mechanical Metal Finishers, Inc.

Rex® Platinum Series™ Standard Features

Rex® Platinum Series™ chains have the same strengths and quality features as our carbon steel chains.

Armor-Cased Pin Design

Provides high core hardness for greater breaking strength. Durable armor casing assures uniform case depth providing maximum live bearing area wear life.

Wide-Waisted Link Plates

Virtually eliminates link plate waist fatigue failures because of better stress distribution. Gives chain a heavy, rugged appearance and reduces vibration when chain tensioner is used.

Heavy Walled Bushings (up to 25% heavier)

Higher horsepower capacity – transmit higher loads without failure. Deep carburized case gives longer life. Greater bushing rigidity improves resistance to tight joints.

Bushing and Roller Roundness

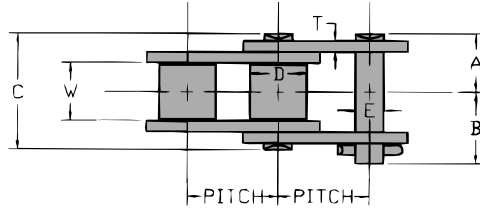
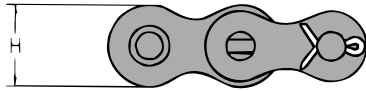
Bushings and rollers are formed by unique equipment which guarantees roundness and uniformity of wall thickness. Grain flow of product is superior because of the lack of stress concentrations normally found in deep drawn, small, inside diameter parts.

Heavy Press Fits of Pins and Bushings

Optimal press fits assures maximum fatigue life in critical areas around sidebar holes where cracks most often develop. This provides maximum fatigue resistance by minimizing the stress range associated with cycle loading.



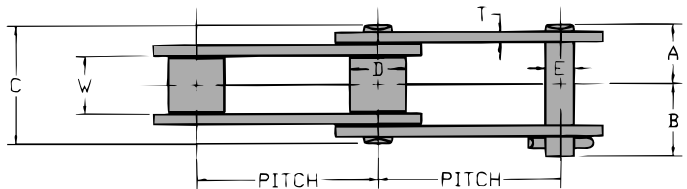
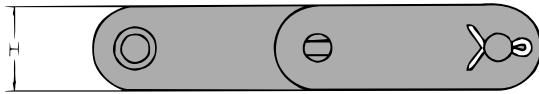
Corrosion Resistant Rex® Platinum Series™ Chains



Standard Roller Chain

REX CHAIN NO.	DIMENSIONS - INCHES										AVERAGE ULTIMATE STRENGTH, LBS.	MINIMUM ULTIMATE STRENGTH ANSI STD. LBS.	AVERAGE WEIGHT PER FOOT, LBS.	STD. TYPE OF PIN LINK	TYPE OF CONNECTING LINK
	PITCH	ROLLER/BUSHING		RIV. END TO CENTER LINE A	CONN. END TO CENTER LINE B	OVERALL WIDTH C		LINK PLATE		PIN DIAM. E					
		WIDTH	DIAM.			RIV.	COT.	HEIGHT	THICKNESS						
		W	D					H	T						
40P*	0.500	0.31	0.312	0.32	0.38	0.64	0.70	0.47	0.060	0.156	3,700	3,125	0.41	Riv	SCCLK
50P*	0.625	0.38	0.400	0.41	0.48	0.82	0.89	0.59	0.080	0.200	6,100	4,882	0.68	Riv	SCCLK
60P*	0.750	0.50	0.469	0.50	0.60	1.00	1.10	0.71	0.094	0.234	8,500	7,030	1.04	Riv	DC
80P*	1.000	0.63	0.625	0.63	0.74	1.26	1.37	0.91	0.125	0.312	14,500	12,500	1.70	DC	DC
100P*	1.250	0.75	0.750	0.76	0.89	1.52	1.65	1.13	0.156	0.375	24,000	19,530	2.70	DC	DC

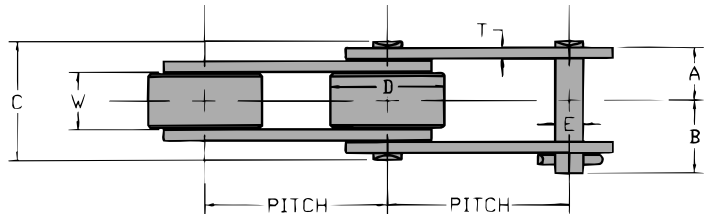
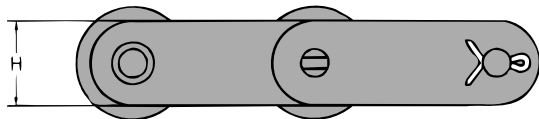
* These sizes available in stock. However, other size chain may be coated. Please contact the factory for details.



Double-Pitch Roller Chain

REX CHAIN NO.	DIMENSIONS - INCHES										AVERAGE ULTIMATE STRENGTH, LBS.	MINIMUM ULTIMATE STRENGTH ANSI STD. LBS.	AVERAGE WEIGHT PER FOOT, LBS.	STD. TYPE OF PIN LINK	TYPE OF CONNECTING LINK
	PITCH	ROLLER/BUSHING		RIV. END TO CENTER LINE A	CONN. END TO CENTER LINE B	OVERALL WIDTH C		LINK PLATE		PIN DIAM. E					
		WIDTH	DIAM.			RIV.	COT.	HEIGHT	THICKNESS						
		W	D					H	T						
C2040P*	1.000	0.31	0.312	0.32	0.38	0.64	0.70	0.47	0.060	0.156	3,900	3,125	0.34	Riv	SCCLK
C2050P*	1.250	0.38	0.400	0.41	0.48	0.82	0.89	0.59	0.080	0.200	6,300	4,882	0.58	Riv	SCCLK
C2060HP*	1.500	0.50	0.469	0.50	0.60	1.00	1.10	0.71	0.125	0.234	8,500	7,030	1.00	Riv	SCCLK
C2080HP*	2.000	0.63	0.625	0.63	0.74	1.26	1.37	0.91	0.156	0.312	14,500	12,500	1.60	DC	DC

* These sizes available in stock. However, other size chain may be coated. Please contact the factory for details.



Delrin Carrier Roller Chain

REX CHAIN NO.	DIMENSIONS - INCHES										AVERAGE ULTIMATE STRENGTH, LBS.	MINIMUM ULTIMATE STRENGTH ANSI STD. LBS.	AVERAGE WEIGHT PER FOOT, LBS.	STD. TYPE OF PIN LINK	TYPE OF CONNECTING LINK
	PITCH	ROLLER/BUSHING		RIV. END TO CENTER LINE A	CONN. END TO CENTER LINE B	OVERALL WIDTH C		LINK PLATE		PIN DIAM. E					
		WIDTH	DIAM.			RIV.	COT.	HEIGHT	THICKNESS						
		W	D					H	T						
C2042DP	1.000	0.31	0.625	0.32	0.38	0.64	0.70	0.47	0.060	0.156	3,900	3,125	0.33	Riv	SCCLK
C2052DP	1.250	0.38	0.750	0.41	0.48	0.82	0.89	0.59	0.080	0.200	6,300	4,882	0.57	Riv	SCCLK
C2062HDP	1.500	0.50	0.875	0.50	0.60	1.00	1.10	0.71	0.125	0.234	8,500	7,030	0.98	Riv	SCCLK
C2082HDP	2.000	0.63	1.125	0.63	0.74	1.26	1.37	0.91	0.156	0.312	14,500	12,500	1.35	DC	DC