

STAINLESS STEEL CHAIN (SS-Chain)

MAXTOP stainless steel chain is manufactured from AISI 304, which has excellent corrosion and heat resisting properties. It should be considered whenever extremely cold temperatures are encountered.

SS-Chain does not have hardened round parts and should be selected when resistance to normal joint-wear is less essential than resistance to chemical action.

(Note: AISI 304 Chain is with slightly magnetic due to cold forming of parts. If a complete non-magnetic permeability is required, please consult MAXTOP for AISI 316 grade)



CORROSION RESISTANT CHAIN (CR-Chain)

"CR" chain is an excellent choice for drives requiring both corrosion resistance and high allowable load. Parts are made from heat treated standard carbon steel and with unique corrosion-resistant coating. This coating consists of zinc flakes, chromate and pore-sealing, silver-gray, smooth and uniform appearance. CR-Chains has excellent corrosion resistance performance, warranty resistant to at least 500 hours of salt spray test (ASTM B117 by 5% NaCl solution). With equivalent strength and wear resistant to standard carbon chains but longer lasting than standard, nickel-plated and even zinc-plated chains and cost much less than stainless steel chains.

(Note: CR-Chain is good for outdoor operation, wet environment, and general alkali, but not recommendable for acid. If an acid application is required, please consult MAXTOP for Acid Resistant Chain)



Photo of CR-Chain after Salt Spray Test of 1200hrs

NICKEL PLATED CHAIN (NP-Chain)

NP-Chain is ideal of shining outlook and situation of where the equipment must be operated in a mildly corrosive atmosphere.

Performance Comparison

TYPE	Max. Allowable Load Ratio	Hours of Salt Spray Test. (ASTM B117)
CR chain	100%	Min. 500 hrs
CRF chain	100%	Min. 500 hrs
Standard chain	100%	Less 4 hrs
Nickel plated chain	100%	Less 20 hrs
Zinc plated chain	100%	Less 80 hrs
Stainless steel chain	10%	- - - -

CRF chain see page 20

CAUTION : For the food products industry where the chain may be exposed to food contact, coating chain is not suggested. Please contact us for stainless steel chain.

A HEXAVALENT CHROMIUM-FREE COATING TO PROTECT OUR ENVIRONMENT

"CRF Coating Chain" developed as a chromium-free solution to the environmental regulations enacted by the government and automotive industry, is next generation in the Metal Coating International product line.

SGS

測試報告 TEST REPORT

號碼: XE/2007/11768 日期: 20070201 頁數: 2 of 3



測試結果 (單位: mg/kg)

測試項目	測試方法 (請參考)	結果	方法偵測 極限值
		NO.1	
六價鉻	(1)	n.d.	2

測試部位描述:

測試部位 NO.1 : GEONET 320(銀灰色)

備註: 1. mg/kg = ppm

2. n.d. = Not Detected / 未檢出

3. MDL = Method Detection Limit / 方法偵測極限值

EXCELLENT CORROSION RESISTANT

Warranty resistant to at least 500Hrs of salt spray test
(ASTM B117 By 5% NaCl solution)

LESS COSTLY THAN STAINLESS STEEL

Higher allowable load than Stainless Steel chain but with cheaper price

STRENGTH OF CARBON STEEL

Carbon Steel base chain with CRF coating and our special process in no hydrogen embitterment, so there are no adverse affects on the strength of the chain. CRF coating chain has the equivalent average tensile strength and maximum allowable tension as standard carbon steel chain.

REDUCED DOWNTIME

A performance of CRF coating chain lasts 5 times as traditional Zinc coating chain. In operations exposed to water, outdoor condition, even acid rain, CRF coating chain keeps your lines moving.

ENVIRONMENTALLY SAFE

Contain no Hexavalent Chromium as concerns about its toxicity. CRF coating chain is chromium-free and environmentally safe, protecting equipments and environment from corrosion. Many industries such as - automotive, construction, steel Industry have already announce new regulation to protect our environment. To avoid costly retrofits to comply with environmental regulation and also protect your equipment and environment from corrosion, contact us today for more information of CRF coating chain.



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