

AQUA-Proof Roller Chains (AP-Series)

Feature

SY's Aqua-Proof roller chains are the perfect choice where corrosion resistance and high strength are needed. AP-Series chains are treated with a special rust preventative dual coating and its corrosion resistance is far superior to nickel or zinc plated chains. No hydrogen embrittlement failures and same strength as Silver SBR steel roller chain

Results of corrosion resistant tests

Salt spray test

CHAINS	Initial rust observed(hours)
AP-Series	1000 (no rust)
Glossy chromating	72 - 96
Colored chromating	120 - 240
Molten zinc plating	120 - 240

Saturated salt water Immersion Test

CHAINS	Initial rust observed(hours)
Nickel plated	48
AP-Series	600 - 840
304 Stainless Steel	After 840 hours - No rust

Applications

- Wash-down applications
- Outdoor service
- Farm equipment
- Paper mills
- Mining Industries

Applicable Chains

- #40 - #240
- Attachment chain is available.

Purpose of Special surface treatment

- Linkplate : for anticorrosion
- Other parts : for anticorrosion and to reduce friction

Caution

AQUA-Proof Roller Chains should not be used in applications where chain may come in contact with food. SY always recommends using stainless steel when contact with food is possible.

Applicable Chains

- SY40AP - SY240AP
- Attachment chain is available.
- For identification, a suffix is added to the chain numbers.

Note: SY's Aqua-Proof (AP) Roller chains with full line of attachments are available.

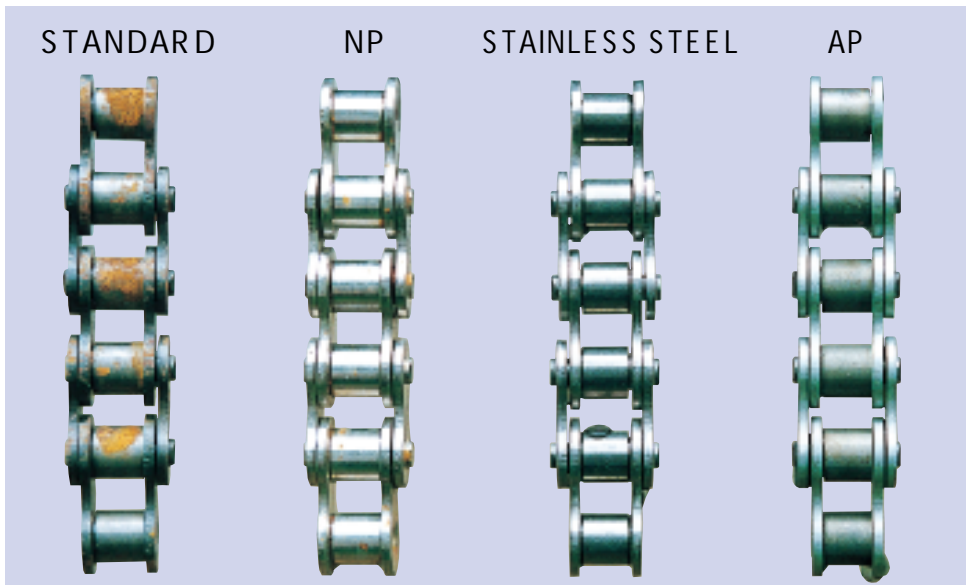
THE ULTIMATE ROLLER CHAIN **LONG LIFE SERIES**

SBR

AQUA-PROOF
ROLLER CHAIN

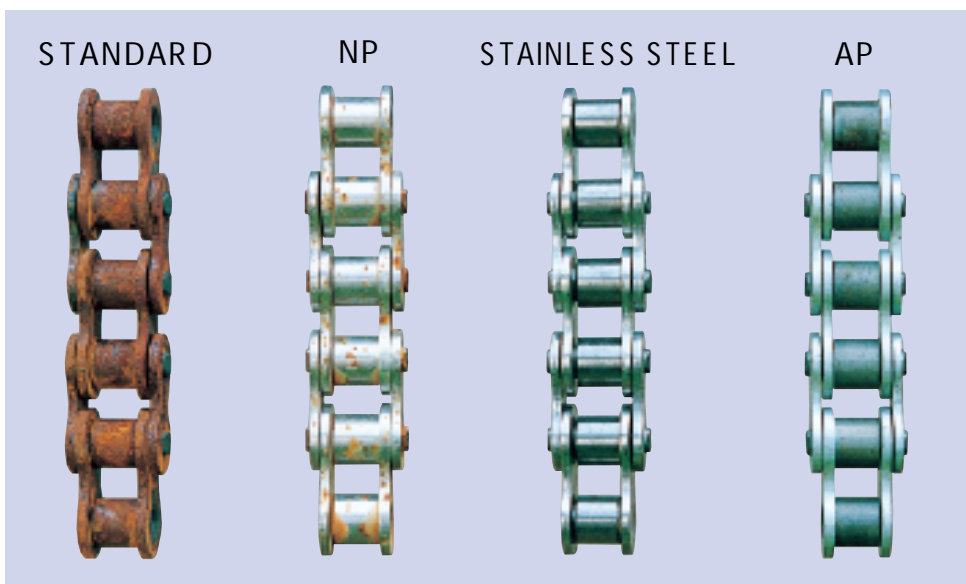
BS STANDARD ROLLER CHAINS
ANSI STANDARD ROLLER CHAINS
HEAVY-SERIES ROLLER CHAINS
S-SERIES ROLLER CHAINS
SUPER ROLLER CHAINS
OIL-FIELD CHAINS
ROLLERLESS CHAINS
STRAIGHT SIDEBAR CHAINS
DOUBLE PITCH ROLLER CHAINS etc.

Water/Salt Water Corrosion Resistance Test



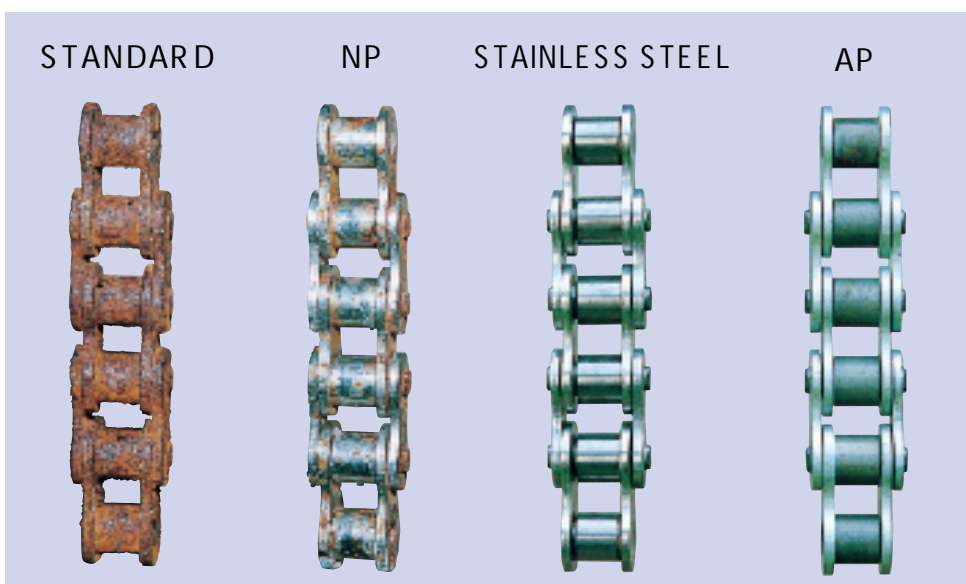
Test results after 3 days chains left outdoors water-sprayed once in the morning and evening

3days after



Test results after 15 days chains left outdoors water-sprayed once in the morning and evening

15days after



Test results after 15 days chains left indoors 5% salt solution sprayed once in the morning and evening

15days after