

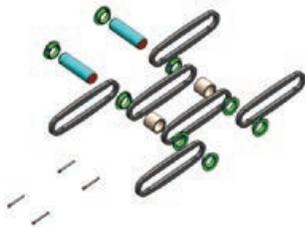
Envirex® HS730-NX Collector Chain for Chain & Scraper Systems

NEXT GENERATION LOOP CHAIN FROM THE OEM

The Envirex® HS730-NX Collector Chain is designed to be as strong as steel, but one-third of the weight of stainless-steel conveyor chain, reducing installation time and cost. The design has virtually no elongation in comparison to molded chain and is wear resistant to abrasive materials such as sand and grit, which can be carried through pretreatment systems. This translates to less frequent tensioning of the collector chain, which requires basins to be drained.

The composite construction of the Envirex HS730-NX Collector Chain includes a tapered roller design distributing wear completely around the chain roller and sprocket teeth. This design provides a longer wear life versus conventional molded chain or fabricated steel chain with an integral or stationary barrel. In addition, filament wound fiberglass side bars are included to eliminate stretching under loading due to water absorption, high temperature or tension.

EXPLODED ISOMETRIC



HS730 Collector Chain



HS730-NX Collector Chain

The Envirex® HS730-NX Collector Chain includes fewer components compared to first generation HS730 collector chain, reducing assembly and installation time while improving durability.

APPLICATIONS

- Long heavily loaded collectors
- Covered tanks
- Harsh industrial environments
- Rag laden basins
- Drinking and Wastewater plants



FEATURES

- Strong as steel with one-third of the weight of stainless-steel conveyor chain reducing installation time and cost.
- Chemically resistant and non-corrosive construction allows for installation in covered tanks or in harsh industrial environments.
- Optional 'rag guard' with a single recessed cotter pin and loop cover, reducing maintenance and potential derailment in tanks without robust headworks.
- ANSI/NSF-61 Drinking Water system certified
- Retrofit compatible

SPECIFICATIONS

- 4,500 lbf (20 kN) working load
- 20,000 lbf (89 kN) ultimate tensile strength
- Filament wound sidebars
- Fiberglass rod with polymeric sleeve

OPTIONS

- 316 stainless-steel tapered rollers
- 316 stainless-steel flight attachment brackets
- Heat-treated stainless-steel flight attachment pins
- Non-metallic rag guard shield

Extend the Useful Life of your Wastewater Treatment Assets

Components and systems age at varying rates with some parts remaining useful while others are in imminent danger of failing. Often, the failure of vulnerable components can trigger larger failures and result in damages and/or compliance issues.



Installation and aftermarket services are available to plant operators and managers to help protect equipment and the investment in utility assets.

EVOQUA CAN HELP

- **Inspect**—Quantitative and qualitative assessment of the condition of components and systems with recommendations from OEM experts
- **Restore**—Rehabilitation of your system to improve operational efficiency and extend life
- **Install**—A single source of responsibility for supply and installation
- **Update**—Component and systems that improve capacity and performance in existing tanks with little or no structural modification

Evoqua's dedicated team of technical experts can help save your plant time and costs with maintenance training, system evaluations, rehabilitation's and retrofit services available.

We will ensure efficient and reliable operation of your equipment and systems to maximize process uptime and equipment life. Our extensive inventory of parts and can provide service for primary and secondary clarifiers, clarifier drives, chain and scraper systems, diffused aeration, high-speed aerators, and sludge digestion equipment. Evoqua is the original equipment manufacturer (OEM) of Envirex®, FMC, Aqua-Lator®, Link-Belt®, Passavant Mammoth Rotors™, PFT® and many other brands.



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