



ENVIREX® HS730 COLLECTOR CHAIN

The Envirex® HS730 Chain is constructed out of high-strength composite materials; Loop Chain is suited for collectors that are long and/or heavily loaded. It offers strength nearly equal to cast and stainless steel chain at a fraction of the weight. The Loop Chain has virtually no elongation in comparison to molded chain and is much more wear resistant including to abrasive materials such as sand and grit which can be carried through pretreatment systems. This translates to less frequent re-tensioning of the collector chain. The Loop Chain is Evoqua's standard chain used in American Petroleum Institute (API) separators located in oil and gas refineries which demonstrates the chain's chemical resistance.

The HS730 chain has filament wound fiberglass side bars that will not stretch under loading due to water absorption, high temperature, or tension. The chain's composite construction has a live roller, thus the chain will provide longer wear life than conventional molded type chain or a fabricated steel chain having an integral or stationary barrel. This is because the roller rotates with each contact with a sprocket tooth, thus

distributing the wear completely around the chain roller and sprocket teeth. Each pin is supported by a non-metallic bushing made of either Polyester (BLUE) or heavy-duty, grit-resistant Kevlar (GREEN) bushing for additional chain life.

Features

- 20,000 lbs. (89 kN) ultimate
- 10,000 lbs. (44.5 kN) proof-load
- 4,500 lbs. (20 kN) working load
- Filament wound fiberglass sidebars
- Acetal/Kevlar® roller
- Polyester Valox bushings
- Fiberglass rod with Delrin sleeve
- Polyester brackets (similar to molded chain attachment)
- Lightweight at 1.6 lbs./ft.