



## ENVIREX® HS730-PD COLLECTOR CHAIN

The Envirex® HS730-PD (Premium Duty) Chain is constructed out of high-strength composite and stainless steel materials. Loop Chain is suited for collectors that are long and/or heavily loaded. The premium duty series offers superior 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 wear resistant 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 304 or 316 stainless steel live rollers, 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 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
- 304 or 316 stainless steel roller
- Kevlar® filled bushings
- Fiberglass rod with Delrin sleeve
- 316 stainless steel brackets (similar to molded chain attachment)
- Heat-treated stainless steel flight attachment pins
- Lightweight