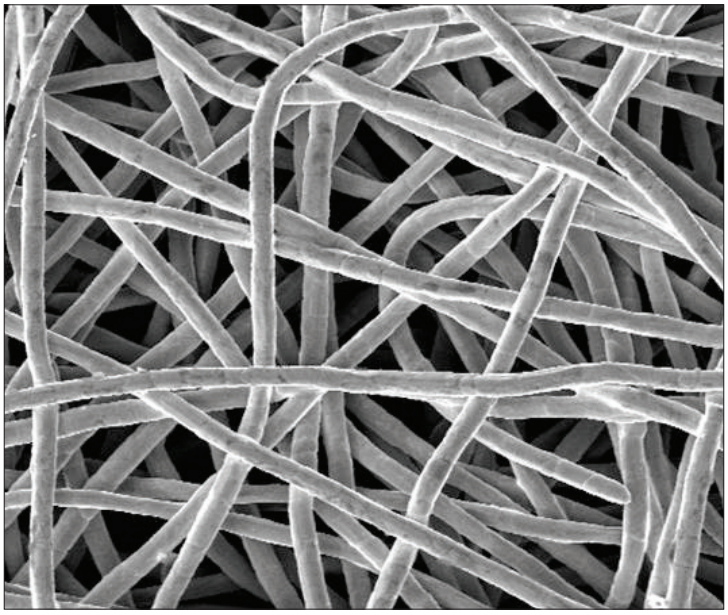
# STAINLESS FIBER

## Filter elements for power generation and other fire resistant applications



## High Performance protection against corrosive fluid & high temperatures. S FIBER upgrades from glass media

## Performance

Temperature: Viton®: -20°F ~ 250°F, -29°C ~ 121°C

Standard Element Collapse:
Up to ΔP 3000 psi, ΔP 204 bar

### Media Description

EHC systems commonly use phosphate ester which can develop high TAN (total acid number) when exposed to water. The acid attacks the binding agent in glass fiber media. The result is lower efficiency and media migration, or fiber shedding, where the filter is generating contamination.
S FIBER media utilizes sintered stainless steel fibers which are impervious to the acidic compounds that form in EHC systems.

Non-compressible media yields long on-stream life in high differential pressure applications.

Not affected by water & gelatinous contamination.

Absolute ratings from $\beta 2 = 200$, $\beta 4.4_{[c]} = 1000$, and $\beta 4.4_{[c]}D = 500$ (DFE efficiency rating)

### Dynamic Filter Efficiency Testing

DFE rated elements perform true to rating even under demanding variable flow and vibration conditions.

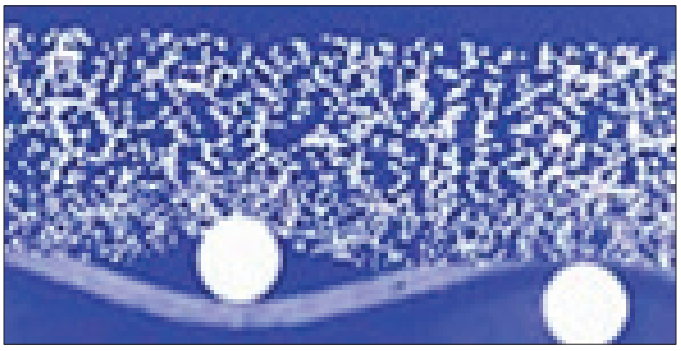
Today's industrial and mobile hydraulic circuits require elements that deliver specified cleanliness under all circumstances. Wire mesh supports the media to ensure against cyclical flow fatigue, temperature, and chemical resistance failures possible in filters with synthetic support mesh.

### Applications

Hydraulic applications where fire resistant fluids are utilized. Including EHC for power generation, jack-up/lift-up system for turbine start up, governor control circuit for turbine speed. Primary metals applications.

### Upgrades from glass media available for the following manufacturers:

| | | |
|---|---|---|
| GE | Westinghouse | ABB |
| Pall | Parker | Hilco |
| Kaydon | Indufil | |







HY-PRO FILTRATION

## Typical Elements Upgraded to Stainless Fiber

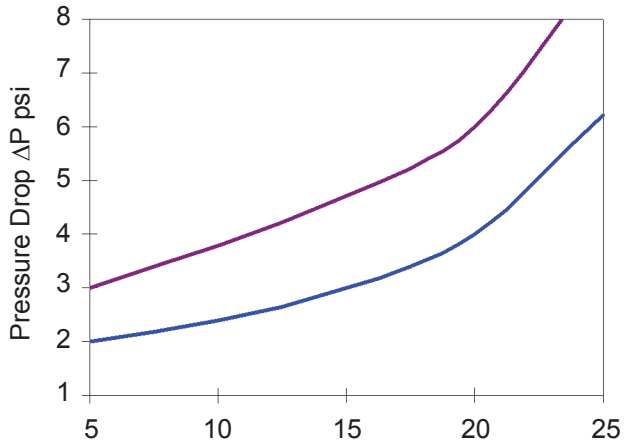
| Pall | Hy-Pro |
|---|---|
| HC9401FDP13Z | HP41L13-3SFV |
| HC9401FDP13ZYGE | HP41L13-3SFV |
| HC9401FDT13Z | HP41L13-10SFV |
| HC9401FDT13ZYGE | HP41L13-10SFV |
| HC9601FDP11Z | HP61L11-3SFV |
| HC9601FDP11ZYGE | HP61L11-3SFV |
| HC9601FDT11Z | HP61L11-10SFV |
| HC9601FDT11ZYGE | HP61L11-10SFV |
| HC9601FDP16Z | HP61L16-3SFV |
| HC9601FDT16Z | HP61L16-10SFV |
| HC9601FDP21ZYGE | HP61L21-3SFV |
| HC9601FDT21Z | HP61L21-10SFV |
| HC9601FDT21ZYGE | HPz1L21-10SFV |
| HC9651FDP8Z | HP51L8-3SFV |
| HP9651FDT8Z | HP51L8-10SFV |
| HP9651FDP16Z | HP51L16-3SFV |
| HP9651FDT16Z | HP51L16-10SFV |

| Pall | Hy-Pro |
|---|---|
| HC9021FDP4Z | HP21L4-3SFV |
| HC9021FDP4ZYGE | HP21L4-3SFV |
| HC9021FDT4Z | HP21L4-10SFV |
| HC9021FDT4Z YGE | HP21L4-10SFV |
| HC9021FDP8Z | HP21L8-3SFV |
| HC9021FDP8ZYGE | HP21L8-3SFV |
| HC9021FDT8Z | HP21L8-10SFV |
| HC9021FDT8ZYGE | HP21L8-10SFV |

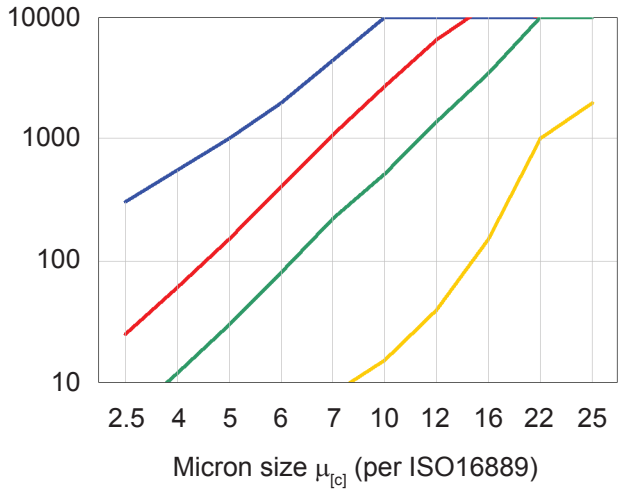
| General Electric | Hy-Pro |
|---|---|
| 234A6578P0002 | HPQ210128L13-3SFV |
| 234A6579P0002 | HPQ210129L13-3SFV |
| 254A7229P0005 | HPQ210130L13-3SFV |
| 254A7729P0008 | HPQ210131L13-3SFV |
| 254A7220P0008 | HPQ210132L13-3SFV |
| 258A4860P002 | HPQ210133L11-3SFV |
| 258A4860P004 | HPQ210134L21-3SFV |
| 361A6256P010 | HPQ210135L18-3SFV |
| B984C302P012 | HP21L4-10SFV |

## Typical Pressure Drop Performance vs Glass

Flow Rate vs Element Pressure Drop
(Test Fluid: Mil-H-5606, 100°, 150 sus viscosity)




Media Efficiency Curves

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