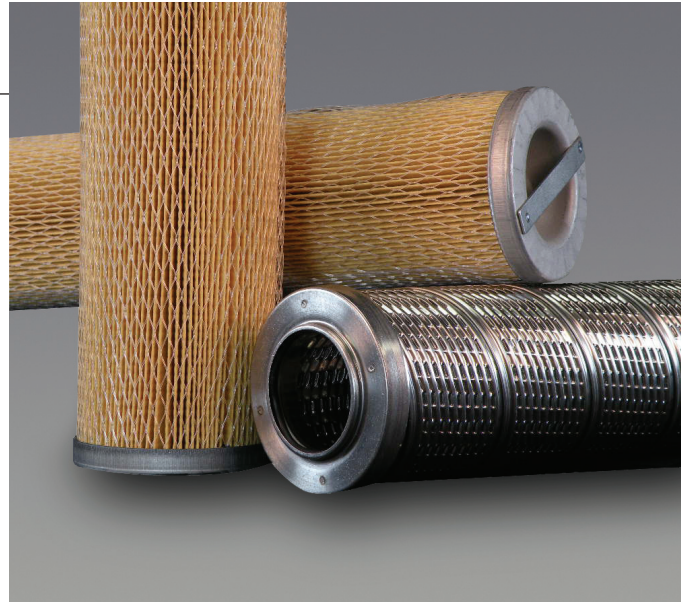


3739™

Pleated High Pressure Elements For Liquid or Gas Service

Replacement Option for 1401 Style Elements

3739 series elements provide long service life, absolute efficiency, economical filtration for liquid or gas streams in a wide variety of applications. The robust design of the 3739 series allows this element to withstand differential pressure up to 100 psid, making it a perfect choice for high pressure applications. Other features include a lifting handle for easy installation and removal, as well as, an o-ring seal that offers exceptional protection against contaminant by-pass.



THE BOTTOM LINE

Extended Service Life

With up to 60 square feet of effective filtering area in a relatively small element, the 3739 Series optimizes dollars spent per unit volume of fluid filtered. More effective surface area increases the amount of contaminant that an element can hold. More contaminant holding capacity lowers maintenance costs and reduces the number of elements needed to filter a given volume of fluid. Don't expect to change these filters too often. Expect to increase your facility's bottom line when you choose to install the 3739 series.

Easy to Install and Seal

High efficiency filters are only as good as the seal achieved between the dirty and clean side of the filter vessel. That is why the 3739 series is designed exclusively with a sealed top end cap and an internal o-ring seal at the bottom. Although a tight seal can be achieved by other means, other designs present more room for error during installation. Problems with the seal will lead to contaminant bypass that can significantly damage downstream equipment, increasing operational and maintenance costs.

Worry-free Absolute Filtration Performance

Unlike sock and string wound elements, every 3739 element offers bonded media that will not migrate or unload contaminant. Under many conditions, unbonded medias shed fiber and contaminant into the filtered fluid to be carried into downstream equipment. From start-up to shutdown you can rest assured that 3739 elements are working at peak performance.

Exceptional Structural Design

From the bonded media to the steel core and end caps 3739 elements are built for rugged service. Whether it's high pressure or high flow rates these elements can take the stresses of the application without being damaged. A single damaged element can send large amounts of debris downstream crashing equipment and shutting down critical operations. This could easily add five to six figure expenses to your facility's bottom line.

APPLICATIONS

- High pressure gas streams
- High pressure water injection streams
- High pressure water disposal streams

SPECIFICATIONS

MATERIALS

- MEDIA**
 - resin impregnated cellulose
 - resin bonded glass
- CORE**
 - steel (galvanized or tin plated)
- OUTER SUPPORT**
 - nylon netting
- END CAPS**
 - steel (galvanized or tin plated)
- O-RING**
 - buna-n
- OPTIONS**
 - s.s. hardware, o-ring materials, other media materials available

NOMINAL DIMENSIONS

O.D. [in.]	I.D. [in.]	Length [in.]	Surface Area [ft ²]
3.75	2.2	38.56	up to 60

OPERATING DATA

Media	Max Temp. [F]	Max D.P. ¹ [psid]
Cellulose	250	100
Glass	250	100

- ¹ Recommended change-out D.P. is 35 - 60 psid.
- Normal flow is outside to inside.



A Name You Know...Filters You Can Trust™

perryequipment.com

Replacement Option for 1401 Style Elements

PARTICLE RETENTION

- **Efficiency:** Absolute
- **Liquid Grades [µm]:** 2, 5, 10, 20, 30, 50
- **Gas Grades [µm]:** 0.3

REPLACEMENT OPTION FOR

- Filter-Fab
- Filter-Mart
- Fluitek
- Jonell JPMG 4240 and JPMK 4240 Series
- Pall MCC1401 Series
- Porous Media FE3639OC Series
- Royal
- Others

ORDERING INFORMATION

Glass:	2 µm	FI3739G2A
Cellulose:	5 µm	FI3739C5A
Cellulose:	10 µm	FI3739C10A
Cellulose:	20 µm	FI3739C20A
Cellulose:	30 µm	FI3739C30A
Cellulose:	50 µm	FI3739C50A

VESSELS

- Vessels designed to be compatible with 1401 style elements
- Manufactures like Porous Media and Pall
- Other manufacturers where aftermarket 1401 element support posts have been installed

NOTES

1. Max D.P. may be limited by the vessel manufacturer's design.



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