



Pall Corporation

www.pall.com

Vector™ High Flow Elements

Ultipleat® Technology engineered for coarse particle filtration applications



Filtration. Separation. Solution.SM

Laid-Over-Pleat Design

The Vector™ High Flow filter cartridge utilizes Pall's unique "Laid-Over-Pleat" or Ultipleat® technology with felt media to extend on-stream service life to your process applications. Vector High Flow elements are available in 20, 40, 60, and 80 inch lengths with media and hardware configurations that allow for broad temperature and chemical compatibility. Additionally, Vector High Flow elements offer the opportunity to employ Pall's Ultipleat technology and system solution resources in coarse high flow applications.

Features and Benefits

- Coreless large diameter cartridge
- Available in both polypropylene and polyester felt media
- High flow rate per filter cartridge
- Up to 2x service life vs. comparable coarse large volume filter elements
- Available in a variety of filter lengths and grades
- Features proprietary unique crescent-shaped pleat geometry
- Inside-to-outside flow pattern that traps contaminants inside the element thus preventing polluting the treated process liquid or gas during cartridge change-out
- Handle for easy cartridge replacement

Typical Applications

- **Oil & Gas:** condensate feed, gas filtration, natural gas transportation pipeline, wastewater filtration, frac water disposal, produced water, general disposal well protection
- **Chemicals:** epoxy resin, disposal wells, feed streams, industrial resins and coatings, agricultural chemicals, acids, alkalis, solvents, silicone solutions, disposal wells, water treatment, final product, tank car loading and unloading
- **Pulp & Paper:** white liquor, black liquor, demin water, shower press, bleach tower processed water treatment
- **Paint/Automotive:** paint feedstocks, intermediates, final products

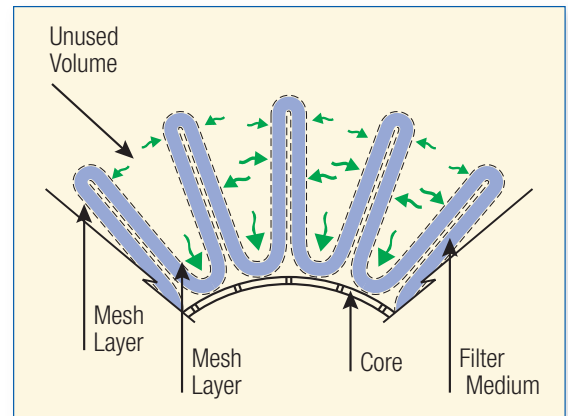


Figure 1: Conventional pleated filter element construction, showing non-uniform flow distribution in a traditional fan-pleat filter.

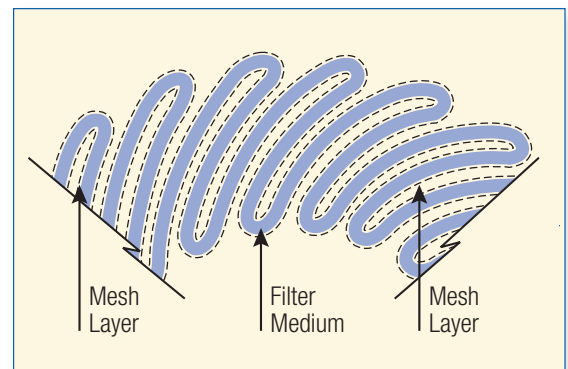



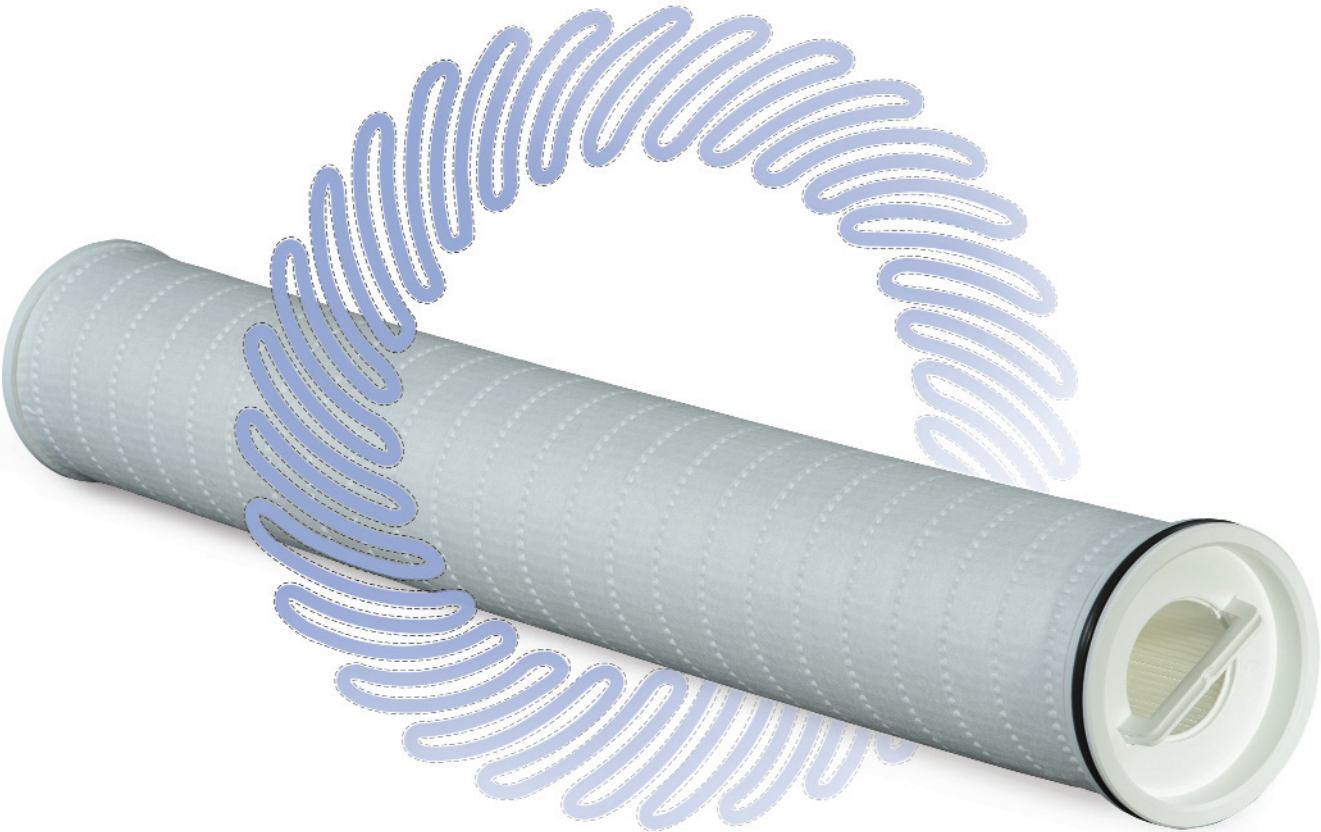
Figure 2: Ultipleat filter element construction, showing uniform flow distribution.



Broad Range of Configurations. Best Value.

Manufacturer	Polypropylene Media	Polyester Media	Acetal Hardware	Polypropylene Hardware	Price
	Yes	Yes	Yes	Yes	\$\$
Competitor 1	Yes	No	No	Yes	\$\$
Competitor 2	Yes	No	No	Yes	\$\$\$
Competitor 3	Yes	Yes	No	Yes	\$\$\$
Competitor 4	Yes	No	No	Yes	\$\$\$\$

* The above data is based on internal lab testing for a standard 60 inch element.



About Pall

For over 70 years, Pall Corporation has been solving complex contamination problems for our customers around the world. As a recognized leader in the field of filtration, separation and purification technologies, our products and services enable our customers to meet stringent regulatory requirements while increasing productivity, reliability and safety to reduce total cost of ownership. Our advanced technologies enable improved product quality and consistency while protecting and extending component and fluid life.

Contact Pall today to see how we can help you protect your valuable assets.



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Better Lives.
Better Planet.™

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Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com.

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