

Tru-Pleat™

Pleated Synthetic Elements

Tru-Pleat elements feature 100% polypropylene or polyester construction. These versatile industrial filters are optimized to provide more usable surface area, high flow rates, and excellent contaminant loading capacity. End caps, media, cores and netting are all thermally bonded providing a high degree of compatibility with a wide range of process fluids.

Tru-Pleat elements are available in a broad range of efficiency ratings and with common endcap configurations, such as double open end, single open end, 222 o-rings, 226 o-ring with locking ears, fins, and core extender. You won't find a more versatile and durable all synthetic element.

THE BOTTOM LINE

- All Synthetic Materials**
 Improved process compatibility over cellulose products. Ensures against failures that lead to untimely process upsets and shut-downs.
- Optimized Surface Area & Configuration**
 Allows thorough usage of the filter media, translating into fewer element change-outs and reduced operations and maintenance costs.
- Common Sizes and End Cap Styles**
 Easy installation in existing housings without modifications. Saves costly downtime and maintenance expenses associated with housing modifications.

APPLICATIONS

- Gas Processing**
 amine and glycol
- Natural Gas Production & Gathering**
 amine, glycol, produced water, well completion fluids
- General Industrial**
 pre-R.O., well injection, bottle wash, water, solvents, acids, alkalis, alcohols
- Industrial**
 water, solvents, acids, D.I., alcohols
- Food & Beverage**
 water, flavorings, beer, wine, vinegar



SPECIFICATIONS

MATERIALS

- MEDIA** polypropylene or polyester
- CORE¹** polypropylene or polyester
- OUTER NETTING** polypropylene or polyester
- END CAPS** polypropylene or polyester
- SPRINGS** polypropylene, steel or stainless steel
- GASKET** buna-n
- OPTIONS** gasket materials, steel hardware, support layer materials

OPERATING DATA

Media	Max Temp. [F]	pH Range	Max D.P. ² [psid] 80F / 125F / 180F
Polypropylene	180	0 - 14	110/75/50
Polyester	240	0 - 9	110/75/50

- ¹ Recommended change-out D.P. is 20 psid.
- ² Normal flow direction is outside to inside

NOMINAL DIMENSIONS

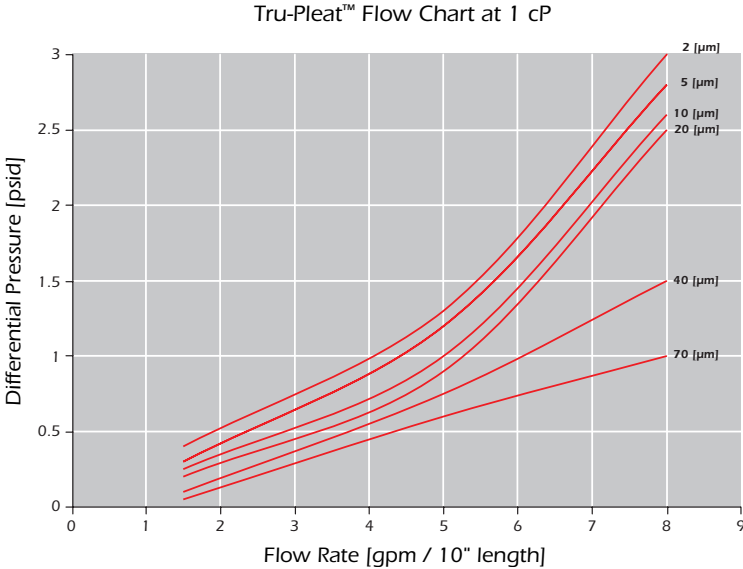
Model	O.D. [in.]	I.D. [in.]	Length [in.]	Surface Area [ft ²]
PS-209	2.5	1.08	9.75	4.5
PS-210	2.5	1.08	10	4.5
PS-219	2.5	1.08	19.5	9.5
PS-220	2.5	1.08	20	9.5
PS-229	2.5	1.08	29.25	14
PS-230	2.5	1.08	30	14
PS-240	2.5	1.08	40	19
PS-336	3.0	1.545	36	14.5

PARTICLE RETENTION

- Efficiency:** 99.98% or beta 5000
- Grade [µm]:** 0.5, 2, 5, 10, 20, 40, 70

PERFORMANCE

- **DIRT HOLDING:** Up to 0.3 lbs per 10 in. of element length.



Note: 0.5 µm = 0.7 gpm / 10" (<2 psid)

REPLACEMENT OPTION FOR

- Filter-Mart
- Fluitek
- FTC AB & DF Series
- Gardner & Clark
- Jonell JPMP, JPME Series
- Matrix PE & PP Series
- Parker PM & PXD Series
- Royal RSL Series
- Others

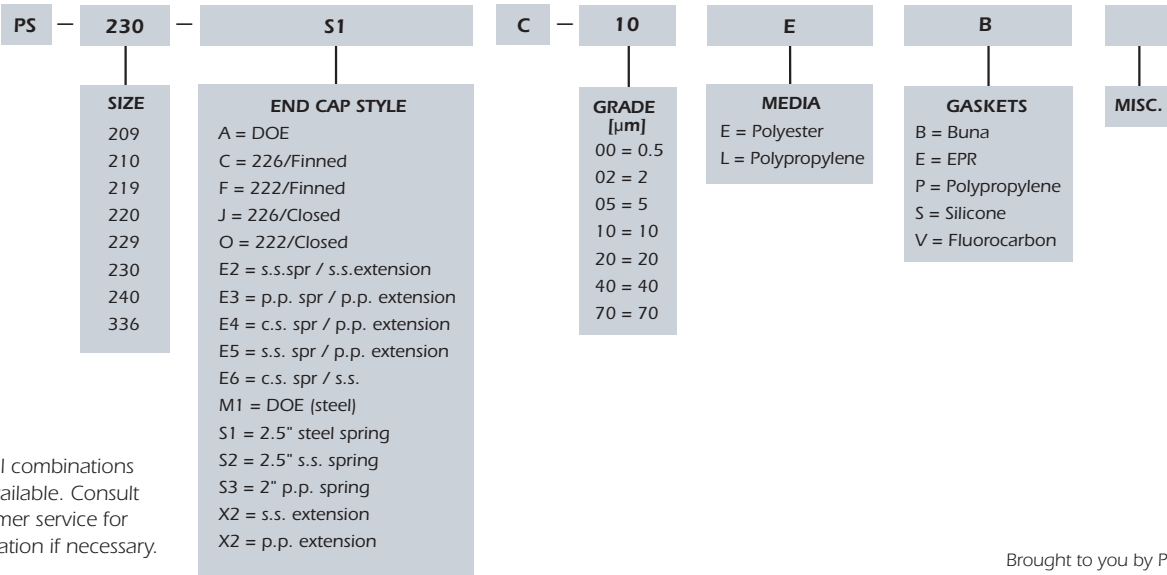
NOTES

1. Carbon steel cores are installed in 336 size elements.
2. Max. D.P. may be limited by the vessel manufacturer's design.
3. Polypropylene elements are made with FDA compliant materials.

VESSELS

- PECO Series 55, 56, 65, 66, Chemelean and Industrial Housing Series
- Other vessels designed for standard 2.5" and 3.0" O.D. elements.

ORDERING INFORMATION



- Not all combinations are available. Consult customer service for verification if necessary.

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