

Tru-Pleat™ G

Pleated Microglass Elements

Tru-Pleat G elements feature microglass filtration media. Designed specifically for micro-filtration, Tru-Pleat G elements are optimized to provide high flow rates, and excellent contaminant loading capacity at absolute micron ratings. 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 G elements are available with common endcap configurations, such as double open end, single open end, 222 o-rings, 226 o-ring with locking ears, fins, and core extenders. When you need micro-filtration that performs, ask for Tru-Pleat G.

THE BOTTOM LINE

- **Synthetic Hardware**
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. Our microglass media offers higher porosity than polymeric medias. With more porosity you can expect longer service life and lower energy demands.
- **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** microglass
- **CORE²** polyester
- **OUTER NETTING** polyester
- **END CAPS** polyester
- **SPRINGS** polypropylene, steel, stainless steel
- **GASKET** buna-n
- **OPTIONS** gasket materials, steel hardware, various support layer materials

OPERATING DATA

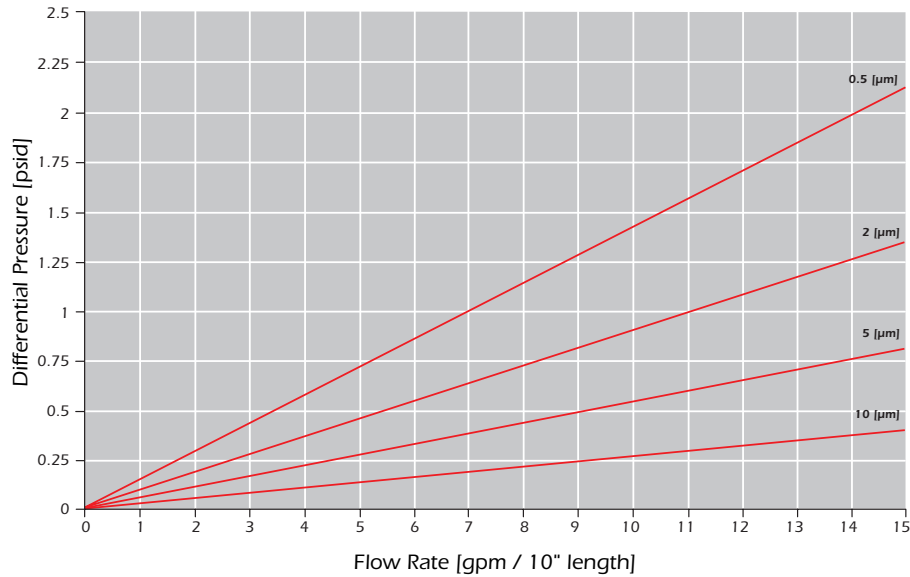
Media	Max Temp. [F]	pH Range	Max D.P. ¹ [psid] 80F / 125F / 180F
Microglass	240 ³	0 - 9	110/75/50

- Recommended change-out D.P. is 20 psid.
- 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	3.7
PS-210	2.5	1.08	10	3.7
PS-219	2.5	1.08	19.5	7.3
PS-220	2.5	1.08	20	7.3
PS-229	2.5	1.08	29.25	11
PS-230	2.5	1.08	30	11
PS-240	2.5	1.08	40	14.5
PS-336	3.0	1.545	36	14.5

Tru-Pleat G™ Flow Chart at 1 cP



PARTICLE RETENTION

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

REPLACEMENT OPTION FOR

- Filter-Mart
- Jonell JPMG Series
- Others
- Fluitek
- Matrix
- FTC
- Parker
- Gardner & Clark
- Royal

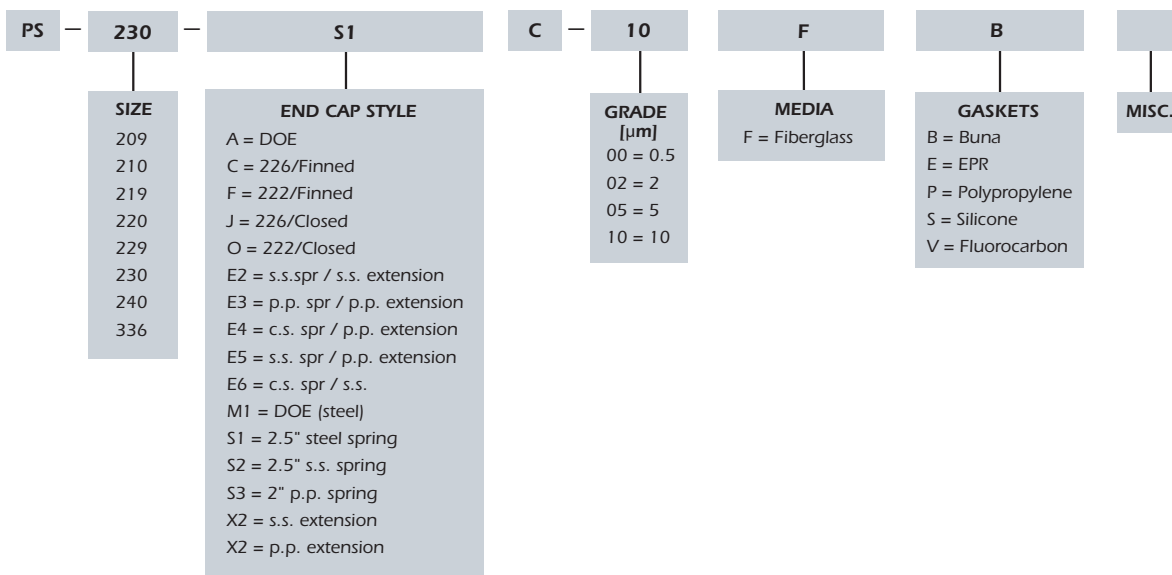
NOTES

1. Max. D.P. may be limited by the vessel manufacturer's design.
2. Carbon steel cores are installed in 336 size elements.
3. Based on using polyester core and endcaps.

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



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