The new Com-Pleat Pleated Polypropylene Filter Element is the latest Engineered Filtration Technology brought to you by PECO. Featuring advances in pleat and hardware design, the Com-Pleat™ provides outstanding filtration and contaminant loading performance.

The Com-Pleat™ features a one piece cage design that eliminates joints and connectors. This allows the use of a continuous length polypropylene media pack, providing more continuous surface area. This translates into increased dirt holding capacity, which yields long on-stream life.

Applications

- Chemicals
  - Solvents, acids, intermediates.
- Electronics
  - RO/DI, resin traps, solvents, acids.
- Pharmaceuticals
  - Make-up water, fermentation media wash water.
- Food and Beverage
  - Water, syrups, oils, flavorings, wine, beer, vinegar.
- Coatings
  - Paints, masks, inks, mag coatings, alcohols, water, lotion, perfumes.

The Com-Pleat™ features the unique W-optimized pleat. This configuration enhances pleat separation and alignment to allow full utilization of the pleat pack surface area.
Specifications

• Media          Polypropylene
• Core           Polypropylene
• Endcaps        Polypropylene
• FDA            All components meet FDA requirements for food and beverage.
• Toxicity       Cartridge meets USP-XXIII, Class VI criteria.

Operational Data

• Recommended Change Out  16 - 20 psid
• Maximum Operating Temperature 180° F / 82° C
• Maximum Differential Pressure
  110 psid @ 77° F / 25° C
  75 psid @ 125° F / 52° C
  50 psid @ 180° F / 82° C

Flow Characteristics

Flow Rate [gpm] | Pressure Drop [psi]
----------------|-------------------
0               | 0.50              
5               | 0.75              
10              | 1.00              
15              | 1.50              
20              | 2.00              
25              | 2.50              
30              | 3.00              
50              | 4.00              
100             | 5.00              
200             | 5.50              

CODE A

CODE C

CODE F

CODE J

CODE O

CODE A

CODE C

CODE F

CODE J

CODE O
## ELEMENT NOMENCLATURE

### PRODUCT LINE
- **OP** = Com-Pleat™

### OUTSIDE DIAMETER
- 2 = 2.75"

### LENGTHS
- 10 = 10"
- 20 = 20"

### END CAP STYLE
- **A** = DOE
- **C** = 222/Finned
- **F** = 222/Finned
- **J** = 226/Closed
- **O** = 222/Closed

### MICRON RATINGS
- ZZ = 0.5
- YY = 0.7
- 01 = 1
- 03 = 3
- 05 = 5
- 10 = 10
- 20 = 20
- 40 = 40

### MEDIA
- **L** = Polypropylene

### GASKETS
- **B** = Buna
- **E** = EPR
- **S** = Silicon
- **V** = Viton

### MISCELLANEOUS

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