

Polypropylene Liquid Element Products



ISO 9001

PERRY EQUIPMENT CORPORATION



**PLEATED  
FILTER ELEMENTS**

ENGINEERED FILTRATION TECHNOLOGIES

The new **ComPleat™ Pleated Polypropylene Filter Element** is one of the latest Engineered Filtration Technologies brought to you by PECO. Featuring advances in pleat and hardware design, the ComPleat™ provides outstanding filtration and contaminant loading performance.

The ComPleat™ 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 ComPleat™ features the unique **W** optimized pleat. This configuration enhances pleat separation and alignment to allow full utilization of the pleat pack surface area.

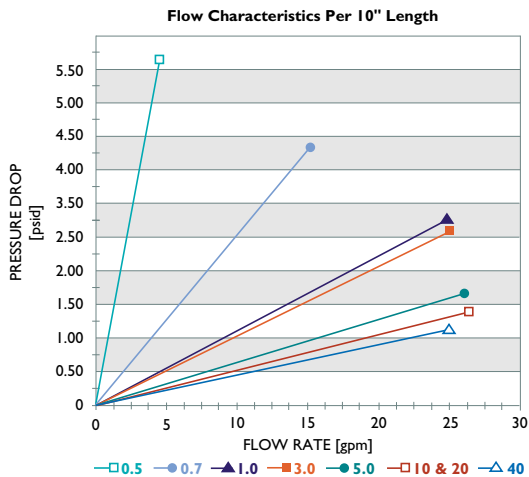


## Specifications

- Media Polypropylene
- Pleat Support Netting Polypropylene
- Core Polypropylene
- Endcaps Polypropylene
- Outer Hard Cage 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

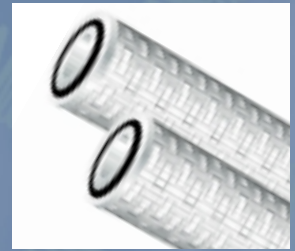


Flow rates given are for water at ambient temperature.

To determine the pressure drop for liquids with different viscosities:

1. Determine Delta P at 1cp per chart at left.
2. Multiply the Delta P at 1cp by the viscosity of the liquid in cp.
3. Divide that pressure drop by 2 to obtain the number of 10" elements required to obtain a clean flow pressure drop of 2 psid for the system.

## ENDCAP OPTIONS



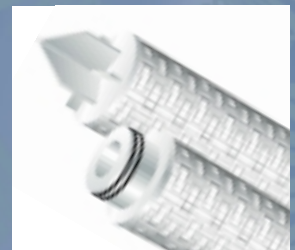
CODE A



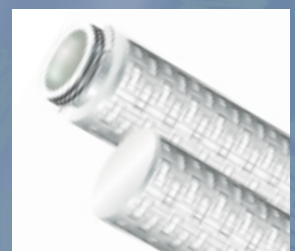
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CODE D



CODE F



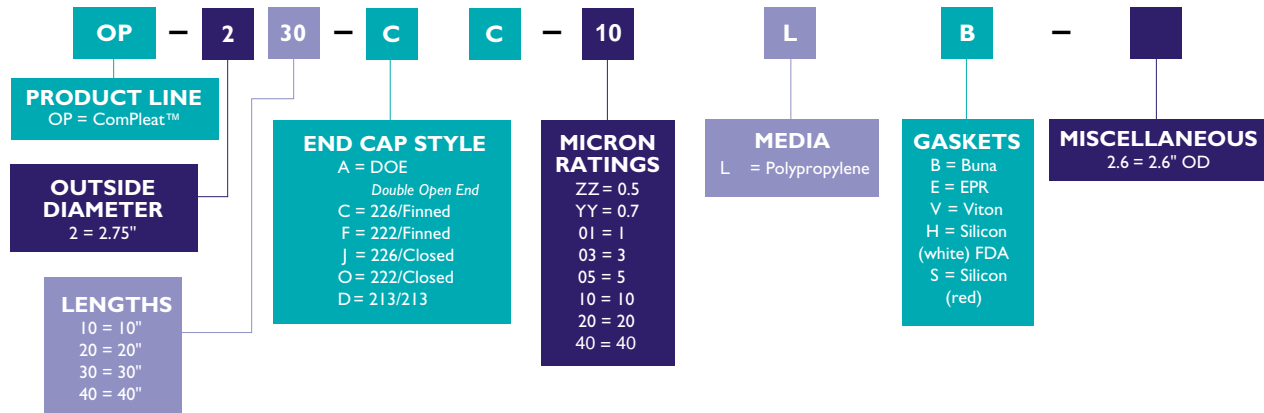
CODE J



CODE O



# ELEMENT NOMENCLATURE



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