Durability, flexibility, consistent performance, and extended service life, that’s what to expect when you employ EPIC II melt blown elements in your filtration application. Manufactured with dual zone technology, EPIC II elements offer optimized filtration properties while raising the bar for structural integrity. 100% polypropylene construction provides excellent chemical compatibility in a broad range of fluid applications, including acids, bases, salts and many organic solvents. Polypropylene elements use 100% FDA compliant materials, assuring safe use in food and beverage applications. With a wide range of lengths, end cap configurations and grades we are sure you will find that the EPIC II offers the flexibility to fit in most commercially available vessels. Convert to EPIC II today for longer on-stream life and lower operating costs.

**THE BOTTOM LINE**

- **Durability & Consistency**
  100% thermally bonded filter construction offers the most consistent filtration with minimal fiber shed and media migration. Automated manufacturing ensures repeatability of product quality and consistency. Dual zone graded density filters enhance contaminant holding capacity resulting in improved filtration performance.

- **Extended Service Life**
  Extended service life is achieved through graded density media to stratify debris within the matrix. EPIC II exhibits high dirt holding capacity and low initial clean differential pressure. The solid core provides superior strength which is essential for filters that range to 50" length and have a recommended maximum differential pressure of 35 psid. The combination of core strength and high dirt holding capacity translates into longer on-stream life.

- **The Choice is Yours**
  PECOFacet is an industry leader in fluid filtration products. Don’t get locked into a single source. Adding PECOFacet to the supplier list for all your fluid filtration needs will ensure your access to the best products at competitive prices. EPIC II elements are made with quality materials in an ISO certified manufacturing environment. Performance and structural integrity are backed by a no-nonsense factory warranty. Send us the manufacturer model number and we’ll do the rest.

**SPECIFICATIONS**

**MATERIALS**

- MEDIA: micro-denier polypropylene
- CORE: polypropylene
- OPTIONS: end treatments; gasket/o-ring materials

**OPERATING DATA**

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- Recommended change-out D.P. is 35 psid.
- Normal flow direction is outside to inside.

**NOMINAL DIMENSIONS**

- **Outside Diameter** (nominal) 2.5"  
- **Inside Diameter** (nominal) 1.08"  
- **Lengths** (nominal) 10", 20", 30", 40"

**APPLICATIONS**

General Industrial  
Food & Beverage  
Metal Finishing/Plating Solutions  
Municipal & Potable Water Systems  
High Purity Chemicals  
Paint & Coatings  
RO Pre-Treatment  
Cooling Water  
Process Water  
Pulp & Paper
**PARTICLE RETENTION**

- **Grade [µm]**: 0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100

**REPLACEMENT OPTION FOR**

- Cuno
- Filter-Mart
- Filter Specialists, Inc.
- Fluitek
- GE / Osmonics
- Jonell
- Matrix Separations
- Pall
- Parker
- Other

**PERFORMANCE & CERTIFICATIONS**

- **Biosafety** - Meets USP-XXIII, Class VI-121° C plastics
- **FDA** - 100% FDA compliant material for food & beverage contact
- **Free of surfactants, binders and adhesives**
- **WQA** - Tested & Certified to NFS Standards
- **Certified Kosher**
- **Free of surfactants, binders and adhesives**

**NOTES**

1. Max D.P. may be limited by the vessel manufacturer’s design. It also varies with temperature.

**ORDERING INFORMATION**

- **EPIC II**
- **5**
- **10**
- **F**
- **B**

- **GRADE (µm)**
  - 0.5
  - 1
  - 3
  - 5
  - 10
  - 20
  - 30
  - 50
  - 75
  - 100

- **NOMINAL LENGTH (in)**
  - 9.75
  - 9.87
  - 10
  - 19.75
  - 20
  - 29
  - 29.25
  - 29.75
  - 30
  - 39
  - 39.5
  - 40
  - 50

- **END TREATMENT**
  - No Symbol=DOE
  - C=SOE Blind Cap
  - G=DOE with foam gaskets
  - D=DOE w/plastic caps & gaskets
  - X=DOE w/ Polypro Core Extender
  - F= 222 O-ring / Flat
  - F7= 226 O-ring / Flat
  - S= 222 O-ring / Fin
  - S7= 226 O-ring / Fin
  - K= Self Sealing Poly Spring

- **GASKET / O-RING**
  - for end treatment code D, F, F7, S, S7
  - B=Buna-N
  - E=EPDM
  - S=Silicone
  - V=Fluorocarbon

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