



## BP, BPHE AND BN SERIES FILTER BAGS

- Thermally welded unique design results in consistent filtration efficiencies
- Semi-rigid cylindrical design is easily crushed and incinerated
- Higher productivity – faster bag “change-outs”

Polypropylene bags are compatible with a broad range of corrosive fluids including organic solvents, oils, acids, alkalis and micro-organisms.

### BP Series (Polypropylene Felt) Bags

An assortment of filtration ratings is offered – from 1 to 200 microns – to comply with any filtration requirement.

The bags are manufactured from felt due to its high solids loading capabilities, in comparison to similar mesh fabrics. The media is created by needle-punching two layers of synthetic fibers together in a supporting scrim. A glazed finish, created by melting the outermost surface fibers, is used to produce a

bond that reduces the possibility of migration.

### BPHE Series (High Efficiency) Bags

High efficiency bags are offered for those critical applications when high efficiency combined with high dirt-holding capacity is required. Polypropylene materials are processed into microfibers with diameters of 1-10 microns or more. These fibers are converted into filter material. Microfiber media are covered with spun-bonded polypropylene.

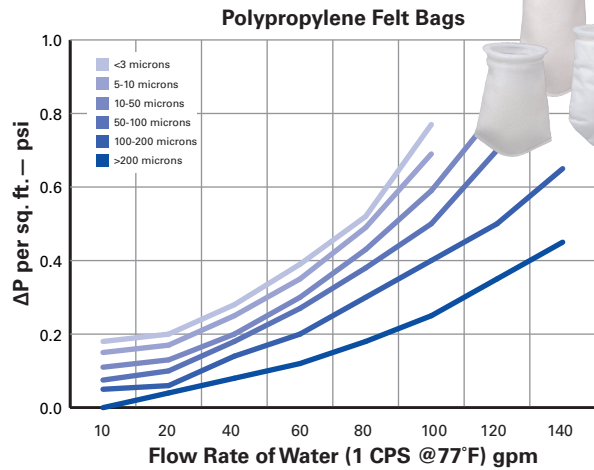
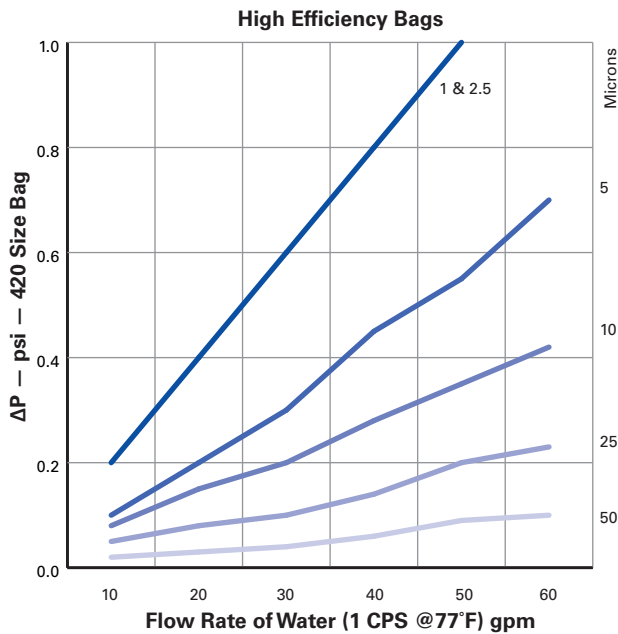
### BN Series (Strainer) Bags

Woven monofilament materials are offered in nylon with micron ratings of 50-800 and efficiencies from 75 to 95 percent. The materials are cleanable and reusable.



**PENTEK**  
Pentair Water

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Viscosity (cps)											
50	100	200	400	800	1000	1500	2000	4000	6000	8000	10000
4.5	8.3	16.6	27.7	50.0	56.2	77.2	113.6	161.0	250.0	325.0	430.0
Correction Factor											

## Cartridge Specifications and Performance Data

Model	Dimensions	Filter Media	Micron Rating	Case Quantity
BP-410	4" x 8 5/8" (102 mm x 218 mm)	Glazed Polypropylene Felt	1, 5, 10, 25, 50, 100, 200	20
BP-420	4" x 18" (102 mm x 457 mm)	Glazed Polypropylene Felt	1, 5, 10, 25, 50, 100, 200	20
BPHE-410	4" x 8 5/8" (102 mm x 218 mm)	Polypropylene microfibers with spun-bonded polypropylene covers	1, 5, 10, 25, 50, 75, 100	20
BPHE-420	4" x 18" (102 mm x 457 mm)	Polypropylene microfibers with spun-bonded polypropylene covers	1, 5, 10, 25, 50, 75, 100	20
BN-410	4" x 8 5/8" (102 mm x 218 mm)	Nylon monofilament mesh	50, 100, 150, 200, 250, 300, 400, 600, 800	20
BN-420	4" x 18" (102 mm x 457 mm)	Nylon monofilament mesh	50, 100, 150, 200, 250, 300, 400, 600, 800	20

Maximum Temperature	200°F (93.3°C)
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See application literature for housing rating.

**WARNING:** For drinking water applications, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

**NOTE:** This information is for general guidance. Users should test bag materials with media involved to determine compatibility.

**CAUTION:** Protect against freezing to prevent cracking of the filter and water leakage.



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