



## BP, BPHE & BN Series

### FILTER BAGS

BP, BPHE & BN Series Filter Bags feature a thermally-welded, unique design that results in consistent filtration efficiencies. They are designed to fit the BPHE-410 and BPHE-420 Housings. Higher productivity can be achieved with faster bag change-outs. The semi-rigid cylindrical design is easily crushed and incinerated.

#### APPLICATIONS

- Acids
- Alkalis
- Corrosive Fluids
- Micro-organisms
- Oils
- Organic Solvents

#### FEATURES

##### BP Series (Polypropylene Felt)

- Filtration ratings from 1 to 200 microns to comply with any filtration requirement
- Manufactured from felt due to its high solids loading capabilities versus 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)

- 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 to 10 microns or more, then converted into filter material
- Microfiber media is covered with spun-bonded polypropylene

##### BN Series (Strainer)

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

**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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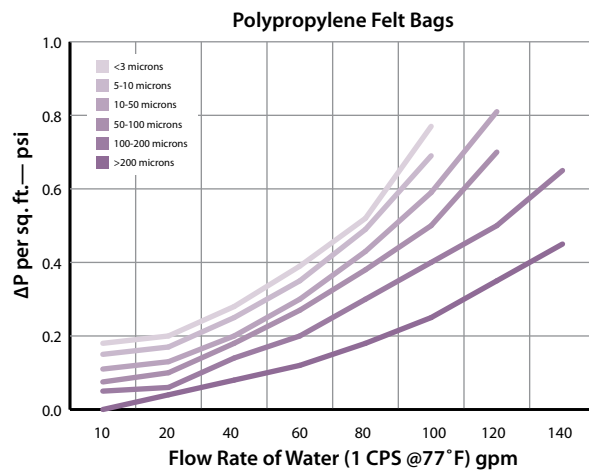
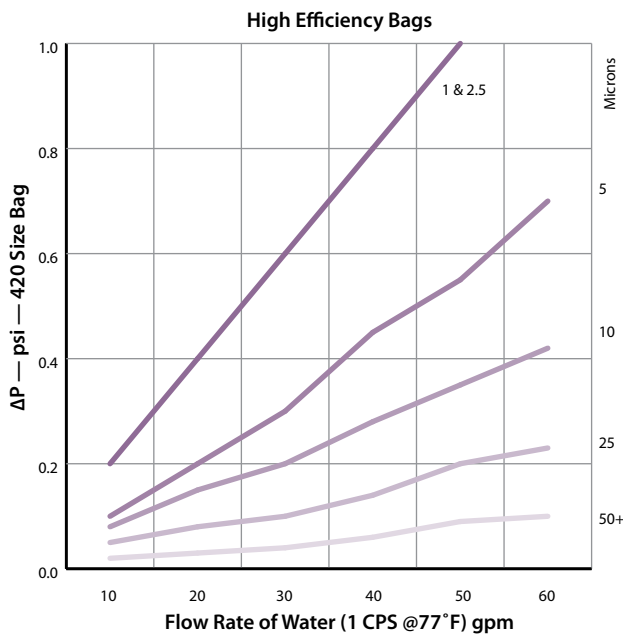
# BP, BPHE & BN Series Filter Bags

## BAG SPECIFICATIONS AND PERFORMANCE

Model	Dimensions	Filter Media	Micron Rating	Case Quantity	Maximum Temperature
BP-410	4" x 8.625" (102 mm x 218 mm)	Glazed Polypropylene Felt	1, 5, 10, 25, 50, 100, 200	20	200 °F (93.3 °C)
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 8.625" (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 8.625" (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	

## TEST DATA

### BP, BPHE & BN Series Filter Bags Water Flow Rate



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**

See application literature for housing ratings.



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