



Vertically Integrated, Made in the USA  
www.specialtymfg.com

## THE SPECIALTY MFG. CO.

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SMC will quote alternate materials or customize our standard products when quantities ensure competitive pricing.

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## B SERIES LINE STRAINER

3/8" to 3/4" NPT



### Design Considerations

- The B Line Strainers are rated to 150 psi at 70° F and 100 psi at 125°F
- The standard B Strainer has a Black Buna-N Gasket and Clear Nylon Bowl
- Pink Ethylene Propylene (EPDM) and Green Fluoroelastomer (Viton®) - Gaskets are available
- Alternate Mesh Size Stainless Screens are available
- Screens can be cleaned without removing the strainer from the line
- All component parts are available as replacement parts

### Example of how to order

| Type             | Cap                             | Screen  | Gasket | Bowl        |
|------------------|---------------------------------|---------|--------|-------------|
| B Nylon Strainer | 1/2 Female NPT x 1/2 Female NPT | 50 Mesh | Buna-N | Clear Nylon |

**Part Numbers** are a description of the strainer as read left to right, Cap, Screen, Gasket and Bowl.

**STR B N-1/2FNPT-50-BT**= White Nylon B Strainer, 1/2 Female NPT x 1/2 Female NPT, 50 Mesh 304 Stainless Screen, Buna-N Gasket (Black), Clear Nylon Bowl

### Specifications

|                       |  |
|-----------------------|--|
| <b>Cap Material</b>   | White Nylon<br>Black Glass Filled Polypropylene  |
| <b>Cap End Option</b> | 3/8 Female NPT X 3/8 Female NPT<br>1/2 Female NPT X 1/2 Female NPT<br>3/4 Female NPT x 3/4 Female NPT  |
| <b>Screen Option</b>  | 10 Mesh (2000 Micron) 304 Stainless<br>20 Mesh (915 Micron) 304 Stainless<br>20 Mesh (915 Micron) 304 Stainless With Red Polypropylene Cage<br>20 Mesh (915 Micron) Polypropylene<br>40 Mesh (480 Micron) 304 Stainless With Blue Polypropylene Cage<br>40 Mesh (480 Micron) Polypropylene<br>50 Mesh (304 Micron) 304 Stainless<br>80 Mesh (178 Micron) 304 Stainless<br>80 Mesh (178 Micron) 304 Stainless With White Polypropylene Cage<br>80 Mesh (178 Micron) Polypropylene<br>100 Mesh (139 Micron) 304 Stainless<br>40 x 200 Mesh (75 Micron) 304 Stainless With Vinyl Cuff<br>70 Micron Polyethylene Filter Element<br>50 x 250 Mesh (60 Micron) 304 Stainless With Vinyl Cuff<br>165 x 800 Mesh (25 Micron) 304 Stainless With Vinyl Cuff |
| <b>Seal Option</b>    | Black - Buna-N<br>Pink - Ethylene Propylene (EPDM)<br>Green - Fluoroelastomer (Viton®)   |
| <b>Bowl Material</b>  | Clear Nylon<br>White Nylon   |

|   |   |
|---|---|
|   | Black Glass Filled Polypropylene  |
| <b>Filter Media Area</b>                        | 17.33 in <sup>2</sup>   |
| <b>Maximum Operating Pressure / Temperature</b> | 150 psi at 70°F, 100 psi at 125°F   |
| <b>Compatibility Statement</b>                  | <p>It is the sole responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products.</p> <p>Material compatibility, product ratings and application details should be considered in the selection. Improper selection or use of products described herein can cause personal injury or product damage.</p> |
| <b>Pricing and Minimum Order Requirement</b>    | <p>Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International.<br/>Pricing is based on the quantity ordered.</p> <p><b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b></p>   |