



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

THE SPECIALTY MFG. CO.

5858 Centerville Road  
St. Paul, MN 55127

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

Contact Customer Service at (651) 653-0599

FAX - (651) 653-0989

E-Mail - info@specialtymfg.com

## LPN SERIES LINE STRAINER

1/8" to 1/2" NPT, 1/4" to 1/2" BARB, 1/4" to 3/8" PUSH-TO-CONNECT



### Design Considerations

- The LPN Line Strainers are rated to 150 psi at 70°F and 100 psi at 125°F
- The standard LPN Strainer has a Black Buna-N Gasket and Clear Nylon Bowl
- Pink Ethylene Propylene (EPDM) and Green Fluoroelastomer (Viton®) Gaskets are available
- The standard screen Mesh sizes have a Color Coded Polypropylene Cage:
  - 20 Mesh: RED Poly Cage
  - 50 Mesh: BLUE Poly Cage
  - 80 Mesh: WHITE Poly Cage
  - 50x250 Mesh: BLACK Poly Cage
- 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
Low Profile	3/8 Male NPT x 3/8 Male NPT	50 Mesh,	Viton®	Clear
Nylon		Blue Cage		Nylon

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

**STR LPN-3/8MNPT-50BLU-VT=** White Nylon Low Profile Strainer, 3/8 Male NPT x 3/8 Male NPT, 50 Mesh 304 Stainless Screen with Blue Poly Cage, Viton® Gasket (Green), Clear Nylon Bowl

## Specifications

Cap Material	White Nylon Black Glass Filled Polypropylene
Cap End Option	1/8 Female NPT X 1/8 Female NPT 1/4 Female NPT X 1/4 Female NPT 3/8 Female NPT X 3/8 Female NPT 1/2 Female NPT X 1/2 Female NPT 1/8 Male NPT X 1/8 Male NPT 1/4 Male NPT X 1/4 Male NPT 3/8 Male NPT X 3/8 Male NPT 1/2 Male NPT X 1/2 Male NPT 1/4 Barb X 1/4 Barb 3/8 Barb X 3/8 Barb 1/2 Barb X 1/2 Barb 1/4 Push-To-Connect x 1/4 Push-To-Connect 3/8 Push-To-Connect x 3/8 Push-To-Connect
	20 Mesh (915 Micron) 304 Stainless 20 Mesh (915 Micron) 304 Stainless With Red Polypropylene Cage 50 Mesh (304 Micron) 304 Stainless 50 Mesh (304 Micron) 304 Stainless With Blue Polypropylene Cage

<b>Screen Option</b>	80 Mesh (178 Micron) 304 Stainless 80 Mesh (178 Micron) 304 Stainless With White Polypropylene Cage 100 Mesh (139 Micron) 304 Stainless 70 Micron Polyethylene Filter Element 50 x 250 Mesh (60 Micron) 304 Stainless 50 x 250 Mesh (60 Micron) 304 Stainless With Black Polypropylene Cage 50 x 250 Mesh (60 Micron) 304 Stainless With Vinyl Cuff 80 x 700 Mesh (35 Micron) 304 Stainless With Vinyl Cuff 165 x 800 Mesh (25 Micron) 304 Stainless With Vinyl Cuff 165 x 1400 Mesh (17 Micron) 304 Stainless With Vinyl Cuff
<b>Gasket</b>	Black - Buna-N Pink - Ethylene Propylene (EPDM) Green - Fluoroelastomer (Viton®)
<b>Bowl Material</b>	Clear Nylon White Nylon Black Glass Filled Polypropylene
<b>Filter Media Area</b>	3.95 in <sup>2</sup>
<b>Maximum Operating Pressure / Temperature</b>	150 psi at 70°F, 100 psi at 125°F
<b>Compatibility Statement</b>	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. 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.
<b>Pricing and Minimum Order Requirement</b>	<p style="text-align: center;">Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International.        Pricing is based on the quantity ordered.  <b>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</b></p>