

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 Series 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

Configure your exact valve



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Specifications:

Cap Material	White Nylon Black Glass Filled Polypropylene														
Cap End Option	<table border="0"> <tr> <td>1/8 Female NPT X 1/8 Female NPT</td> <td>1/2 Male NPT X 1/2 Male NPT</td> </tr> <tr> <td>1/4 Female NPT X 1/4 Female NPT</td> <td>1/4 Barb X 1/4 Barb</td> </tr> <tr> <td>3/8 Female NPT X 3/8 Female NPT</td> <td>3/8 Barb X 3/8 Barb</td> </tr> <tr> <td>1/2 Female NPT X 1/2 Female NPT</td> <td>1/2 Barb X 1/2 Barb</td> </tr> <tr> <td>1/8 Male NPT X 1/8 Male NPT</td> <td>1/4 Push-To-Connect x 1/4 Push-To-Connect</td> </tr> <tr> <td>1/4 Male NPT X 1/4 Male NPT</td> <td>3/8 Push-To-Connect x 3/8 Push-To-Connect</td> </tr> <tr> <td>3/8 Male NPT X 3/8 Male NPT</td> <td></td> </tr> </table>	1/8 Female NPT X 1/8 Female NPT	1/2 Male NPT X 1/2 Male NPT	1/4 Female NPT X 1/4 Female NPT	1/4 Barb X 1/4 Barb	3/8 Female NPT X 3/8 Female NPT	3/8 Barb X 3/8 Barb	1/2 Female NPT X 1/2 Female NPT	1/2 Barb X 1/2 Barb	1/8 Male NPT X 1/8 Male NPT	1/4 Push-To-Connect x 1/4 Push-To-Connect	1/4 Male NPT X 1/4 Male NPT	3/8 Push-To-Connect x 3/8 Push-To-Connect	3/8 Male NPT X 3/8 Male NPT	
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Screen Option	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 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														
Gasket	Black - Buna-N Pink - Ethylene Propylene (EPDM) Green - Fluoroelastomer (Viton®)														
Bowl Material	Clear Nylon White Nylon Black Glass Filled Polypropylene														
Filter Media Area	3.95 in ²														
Maximum Operating Pressure / Temperature	150 psi at 70°F, 100 psi at 125°F														

Example of how to order:

Type	Cap	Screen	Gasket	Bowl
Low Profile Nylon	3/8 Male NPT x 3/8 Male NPT	50 Mesh, Blue Cage	Viton®	Clear 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