



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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C SERIES LINE STRAINER

1" to 1.5" NPT



Design Considerations

- The C Line Strainers are rated to 150 psi at 70° F and 100 psi at 125°F
- The standard C 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
C Polypropylene Strainer	1" Female NPT x 1" Female NPT	50 Mesh	EPDM	Clear Nylon

Part Numbers are a description of the strainer as read left to right, Cap, Screen, Gasket and Bowl.
STR C P-1.00FNPT-50-ET= Black Polypropylene C Strainer, 1" Female NPT x 1" Female NPT, 50 Mesh 304 Stainless Screen, EPDM Gasket (Pink), Clear Nylon Bowl

Specifications

Cap Material	White Nylon Black Glass Filled Polypropylene
Cap End Option	1.00" Female NPT x 1.00" Female NPT 1.25" Female NPT x 1.25" Female NPT 1.50" Female NPT x 1.50" Female NPT
Screen Option - (Not all MESH Sizes are available for every Strainer Size)	10 Mesh (2000 Micron) 304 Stainless 12 Mesh (1524 Micron) 304 Stainless 20 Mesh (915 Micron) 304 Stainless 30 Mesh (690 Micron) 304 Stainless 50 Mesh (304 Micron) 304 Stainless 80 Mesh (178 Micron) 304 Stainless With White Polypropylene Cage 24 x 110 Mesh (120 Micron) 304 Stainless 70 Micron Polyethylene Filter Element 50 x 250 Mesh (60 Micron) 304 Stainless With Vinyl Cuff
Seal Option	Black - Buna-N Pink - Ethylene Propylene (EPDM) Green - Fluoroelastomer (Viton®)
Bowl Material	Clear Nylon White Nylon Black Glass Filled Polypropylene
Filter Media Area	1.00" x 1.00" = 29.73 1.25" x 1.25" = 31.84 1.50" x 1.50" = 38.27 in²

Maximum Operating Pressure / Temperature	150 psi at 70°F, 100 psi at 125°F
Compatibility Statement	<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>
Pricing and Minimum Order Requirement	<p>Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International. Pricing is based on the quantity ordered.</p> <p>Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.</p>
