



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.

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## SUCTION STRAINERS

1/4" to 1.5" NPT, 1/4" to 3/8" BARB, 1/4" to 3/8" OD TUBE



### Design Considerations

- The Standard Suction Strainer has a pot molded 70 durometer PVC Body and 304 Stainless Screen.
- PVC Suction Strainers have *Friction Fit Ribs*
- PVC Suction Strainers DO NOT have a true Female NPT Thread
- Nylon Suction Strainers have an Injection Molded Black Nylon Body with 304 Stainless Screen
- Nylon Suction Strainers have a true threaded 1/2", 3/4" or 1.0" Female NPT connection
  - #663 Opening Size is equal to 1/4, 3/8, 1/2, 3/4, 1.0 or 1.5 Female NPT
  - #250 Opening Size equal to the 1/4, 3/8 Barb or Tube OD it fits over
  - #300 Opening Size equal to the 3/8 Barb or Tube OD it fits over

### Example of how to order

<u>Type</u>	<u>Size</u>	<u>Screen</u>
#300 Suction Strainer	3/8 Barb	40 Mesh

**Part Numbers** are a description of the suction strainer cuff opening size and the screen mesh.

**SUCTION #300 3/8 BARB,40 MESH** = Soft PVC Suction Strainer, 3/8 Barb, 40 Mesh 304 Stainless screen

## Specifications

<b>Body Type</b>	#663 Soft Molded PVC Base #250 Soft Molded PVC Base #300 Soft Molded PVC Base Injection Molded Nylon Base
<b>Thread Size - (Not all Thread Sizes are available for every Suction Strainer Type)</b>	1/4 Female NPT 1/4 Hose Barb 3/8 Female NPT 3/8 Hose Barb 1/2 Female NPT 3/4 Female NPT 1.00 Female NPT 1.50 Female NPT
<b>Screen Option - (Not all MESH Sizes are available for every Suction Strainer Type)</b>	10 Mesh (2000 Micron) 304 Stainless 20 Mesh (915 Micron) 304 Stainless 30 Mesh (690 Micron) 304 Stainless 40 Mesh (480 Micron) 304 Stainless 50 Mesh (304 Micron) 304 Stainless 80 Mesh (178 Micron) 304 Stainless 100 Mesh (139 Micron) 304 Stainless 50 x 250 Mesh (60 Micron) 304 Stainless
<b>Maximum Operating Temperature</b>	160 °F

**Compatibility Statement**

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.

**Pricing and Minimum Order Requirement**

Our Minimum Order Requirements are \$100.00 Domestic - \$250.00 International.  
Pricing is based on the quantity ordered.  
**Please indicate a typical order quantity or Estimated Annual Usage when requesting pricing.**