

# 59LF-300 Series

Bronze Wye-Strainer

LEAD FREE



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

## DESCRIPTION

The Apollo Lead Free\* 59LF-300 Series Heavy Pattern Strainers are designed with large area screens to protect piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

## FEATURES

- EZ-Solder™ Lead Free\* Bronze
- 100% Factory Pressure Tested
- Self-Aligning Screen Design
- Numerous Mesh and Blow-off Options including Blow-off Ball Valves
- ARRA Compliant
- **100% Cast, Machined and Assembled in the USA**

## MODELS

- (5900) Female NPT Connection
- (59LF000) Lead Free Female NPT Connection
- (59FL300) Lead Free Solder Connection (1/2"-3")

## APPROVALS

- NSF/ANSI 372 - Lead Free
- CRN-OE 8959.5

## PERFORMANCE RATING

- Working Pressure:  
CWP: 400 psi  
SWP: 125 psi
- Maximum Temperature: 350° F

## OPTIONS

- (-E1) - 20 Mesh
- (-O1) - Plain Cap
- (-B1) - 60 Mesh
- (-C1) - 80 Mesh
- (-H1) - 100 Mesh
- (-O2) - Tapped Cap
- (-P2) - Tapped Cap with Plug
- (-O6) - Tapped cap with Ball Valve (3/4" - 2" Only)

## STANDARD MATERIALS LIST

<b>BODY</b>	Cast Bronze, ASTM Lead Free B584
<b>CAP</b>	Lead Free Brass, UNS C27450 (1/2" - 1") Lead Free Brass, ASTM B584 C89836 (1-1/4" - 3")
<b>SCREEN</b>	Stainless Steel, 304
<b>O-RING (1/2")</b>	PTFE
<b>GASKET (3/4" - 3")</b>	PTFE

## DIMENSIONS

PART NUMBER	SIZE (IN.)	LENGTH (IN.)	CAP TAPPING (-O2 SUFFIX)	NET SCREEN AREA (IN <sup>2</sup> )	WT. (LB.)
59LF-303	1/2	2.75	1/4 NPT	3.2	0.50
59LF-304	3/4	4.00	1/2 NPT	6.7	1.21
59LF-305	1	4.75	3/4 NPT	10.8	1.89
59LF-306	1-1/4"	5.25	3/4 NPT	13.5	2.80
59LF-307	1-1/2	6.00	1 NPT	19.0	4.26
59LF-308	2	7.25	1-1/4 NPT	27.6	6.27
59LF-309	2-1/2	9.58	1-1/4 NPT	41.0	11.17
59LF-310	3	10.58	1-1/2 NPT	56.0	16.48

## STANDARD SCREENS

SIZE (IN.)	SCREEN
1/2	50 Mesh
3/4 to 3	20 Mesh

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

**(704) 841-6000**  
**apollovalves.com**

SS1425 © 09/19 Page 1 of 2

This specification is provided for reference only. Apollo reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Apollo products previously or subsequently sold. Most current information available at [apollovalves.com](http://apollovalves.com).

  
aalberts integrated piping systems

# 59LF-300 Series

Bronze Wye-Strainer

**L E A D F R E E**

## FLOW CURVES

