

59LF Series

bronze wye-strainer
lead free



job name:	
job location:	
engineer:	
contractor:	
tag:	
po#:	
rep:	
wholesale dist.:	

description

The Apollo® lead free* 59LF series heavy pattern strainers are designed with large area screens to protect potable water piping systems and process equipment from unwanted foreign particles with minimum pressure loss.

features

- lead free*
- 100% factory pressure tested
- removable 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

- (59LF000) female NPT connection
- (59LF300) solder connection (½"-3")
- (59LF400) FNPT inlet X male NPT out (¾" & 1")
- (59LF-PR) Apollo Press connection (½" - 2")

approvals

- NSF/ANSI 372 lead free
- CRN-OE 8959.5

performance rating

- working pressure:
CWP: 400 psi
SWP: 125 psi
- maximum temperature: 353°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 (½" - 3" only)

standard materials list

body	cast bronze, ASTM lead free B584
cap	lead free DZR bronze, UNS C27451 (¼" - 1") lead free bronze, ASTM B584 C89836 (1 ¼" - 4")
screen	stainless steel, 304
o-ring (¼" - ½")	PTFE
gasket (¾" - 4")	PTFE

dimensions

part number	size (in.)	length (in.)		cap tapping (-O2 suffix)	net screen area (in²)	wt. (lb.)
		FNPT	MNPT			
59LF-001-01	1/4	2	NA	1/8 NPT	2.3	.42
59LF-002-01	3/8	2.69	NA	1/4 NPT	3.2	.78
59LF-003-01	1/2	2.69	NA	1/4 NPT	3.2	.75
59LF-004-01	3/4	4.25	NA	1/2 NPT	6.7	1.7
59LF-005-01	1	4.75	NA	3/4 NPT	10.8	2.7
59LF-006-01	1-1/4	5.13	NA	3/4 NPT	13.5	3.4
59LF-007-01	1-1/2	5.75	NA	1 NPT	19.0	5.3
59LF-008-01	2	6.66	NA	1-1/4 NPT	27.6	7.2
59LF-009-01	2-1/2	8.24	NA	1-1/4 NPT	41.0	11.3
59LF-010-01	3	9	NA	1-1/2 NPT	56.0	15.5
59LF-011-01	4	11.92	NA	1-1/2 NPT	98.0	30.7

FNPT inlet x male NPT outlet

59LF-404-01	3/4	NA	4.25	1/2 NPT	6.7	1.7
59LF-405-01	1	NA	4.75	3/4 NPT	10.8	2.7

model number and part number shown are for FNPT connections.

standard screens

size (in.)	screen
½ to ½	50 mesh
¾ to 3	20 mesh
4	.125 perforation

*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.

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FLOW CURVES

