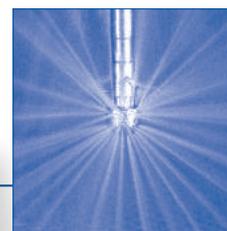




Static Spray Balls – for sanitary CIP applications Series 527



3^A Fulfills the hygienic requirements of 3-A*

Series 527

For critical sanitary applications Lechler provides these specially designed spray balls:

Product features:

- Meets the requirements of 3A standards
- Very fine surface finish inside and outside
- All mount using slip-on fittings and pins
- For use with air or saturated steam

FDA-compliant
(see page 24)

Applications:

- For sanitary environments, e.g., dairies, pharmaceutical processing, food and beverage manufacturing, high purity chemicals

Max. tank diameter:

- 3/4" inlet 17 ft.
- 1-1/2" inlet 20 ft.
- 2" inlet 27 ft.

Operating pressure:

15 – 45 psi, max. 75 psi

Max. fluid temperature:

400°F

Weight:

- 3/4" inlet .11 lb.
- 1-1/2" inlet .52 lb.
- 2" inlet 1.43 lb.

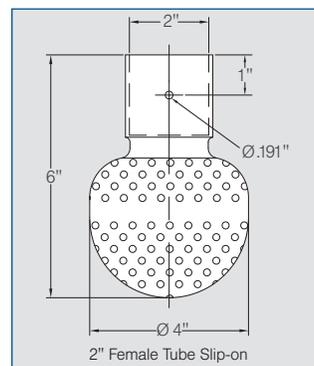
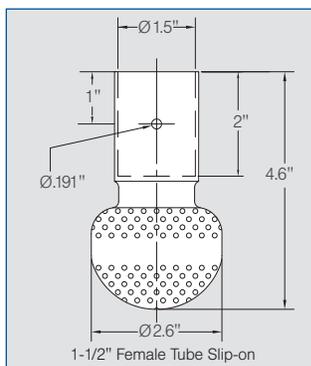
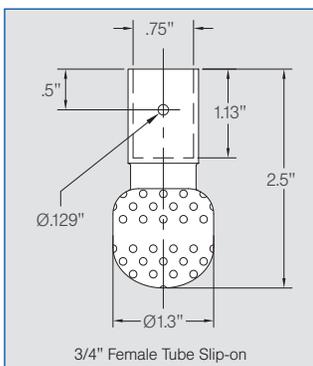
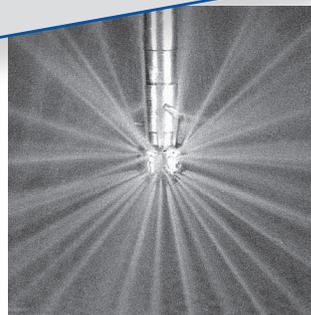
Material:

316L stainless steel

Filtration:

- 3/4" – Line strainer with 50 mesh size
- 1-1/2" – Line strainer with 50 mesh size
- 2" – Line strainer with 30 mesh size

Note: There are no threaded inlets available.



Spray Angle	Ordering no.	Free Passage (in.)	Connection Slip-on for OD tube	Flow Rate (Gallons Per Minute)					Length (in.)	Max. Width (in.)
				20 psi	25 psi	2 bar	40 psi	60 psi		
360°	527. 209. 1Y. 00. 75	.031	3/4"	14	15	60	19	23	2.5	1.3
	527. 289. 1Y. 01. 50	.043	1-1/2"	36	40	170	50	62	4.5	2.6
	527. 449. 1Y. 02. 00	.067	2"	89	100	420	127	155	6.0	4.0

The 3/4" spray ball has a minimum orifice size of .033".
The 1-1/2" spray ball has a minimum free passage size of .045".
The 2" spray ball has a minimum free passage size of .068".

The nozzles with a slip-on connection type fitting may have a higher flow rate than listed due to the self-flushing design around the customer's tube which is inserted into the nozzle socket.

* This product has been authorized to use the 3-A[®] Symbol by the 3-A[®] Sanitary Symbol Council Administrative Council for Spray Cleaning Devices (78-01).

For various configurations to mount your tank cleaning nozzle, see the Lances and Nozzle Headers section beginning on page 139.

