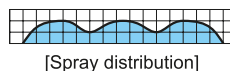
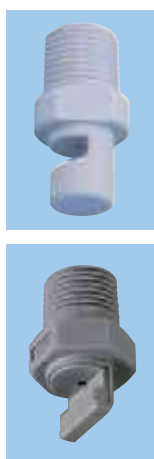


Wide-angle Flat Spray Nozzles for Ultra-low Pressure Spraying

LYYP

Flat Spray



[Features]

- Wide-angle flat spray with uniform distribution.
- Capable of low operating pressures (0.015 MPa).
- Low spray impact and volume, resulting in no bubbles on the spray surface.
- Oil-free product.

[Standard Pressure]

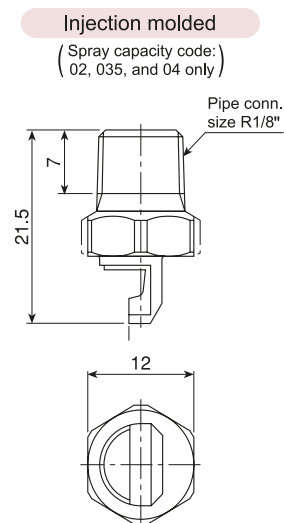
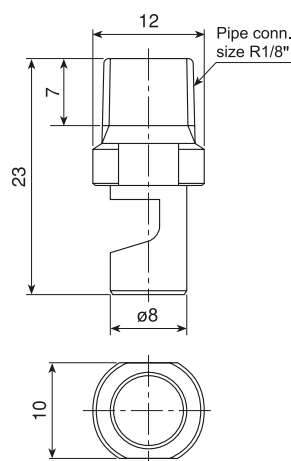
0.015 MPa

[Applications]

Spraying developing solution for semi-conductor manufacturing processes, ultra-low volume spray for pharmaceutical manufacturing processes, chemical spraying to surface treated steel plates

LYYP series

	LYYP series
Structure	• Made of plastic, one-piece structure.
Material	• PVC • Optional material: S316 or PCTFE
Mass	• 1.5 g



[Note] Appearance and dimensions may differ slightly depending on materials and nozzle codes.

Spray capacity code	LYYP	LYYP (Injection molded)	Spray angle (°)			Spray capacity (ℓ/min)							Mean droplet diameter (μm)	Free passage diameter (mm)
			0.01 MPa	0.015 MPa	0.02 MPa	0.008 MPa	0.01 MPa	0.012 MPa	0.015 MPa	0.02 MPa	0.03 MPa	0.04 MPa		
02	○	○	—	70	77	—	—	0.18	0.20	0.23	0.28	0.33	850	0.9
025			67	80	87	—	0.20	0.22	0.25	0.29	0.35	0.41		1.0
03			77	90	97	0.22	0.24	0.27	0.30	0.35	0.42	0.49		1.0
035	○	○	87	100	107	0.26	0.29	0.31	0.35	0.40	0.49	0.57	5	1.1
04			88	100	108	0.29	0.33	0.36	0.40	0.46	0.57	0.65		1.3
05			97	110	117	0.37	0.41	0.45	0.50	0.58	0.71	0.82		1.3
06	○	○	107	120	127	0.44	0.49	0.54	0.60	0.69	0.85	0.98		1.4
07	107		120	127	0.51	0.57	0.63	0.70	0.81	0.99	1.14	1.6		
08	108		120	128	0.58	0.65	0.72	0.80	0.92	1.13	1.31	1.7		
10	○		108	120	128	0.73	0.82	0.89	1.00	1.15	1.41	1.63	1,350	1.9

[Note] LYYP series nozzles are guaranteed for spray angle within -5° to +10° of the rated angle and for spray capacity within +/-10% of the rated capacity under the standard pressure.

How to order

Please inquire or order for a specific nozzle using this coding system.

① LYYP series

〈Example〉 1/8M LYYP 025 PVC

1/8M LYYP 025 PVC

Spray capacity code
 025
 {
 10

② LYYP (Injection molded) series

〈Example〉 1/8M LYYP 02 PVC-IN

1/8M LYYP 02 PVC-IN

Spray capacity code
 02
 035*
 04

*When spray capacity code is 035, the nozzle description is 1/8MLYYP035PVC (Injection-molded).