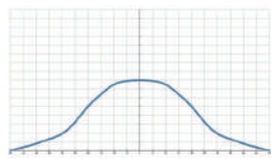
QFYMF Plastic easy install full cone nozzle for precise distribution

- Recommended working pressure: 2.0 kgf/cm²
- Flowrate tolerance: ± 5% @ 2.0 ± 0.1 kgf/cm²
- Angle tolerance: ± 5° @ 2.0 ± 0.1 kgf/cm²

【 Top view of nozzle spray pattern 】

【 Flow distribution 】

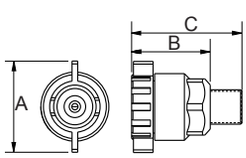


Features

- Full cone spray.
- Adopts a holeless multi-slotted core, possessing a more uniform impact than other standard solid cone nozzles of the same type. It is often used in semiconductor and printed circuit board etching and developing processes where spraying uniformity is extremely demanding.
- Two piece nozzle design which includes nozzle and the base allows quick and accurate installation by hand. It is convenient for on-site management. Nozzle tip is secured into the base and fastened by three buckle points to avoid the nozzle tip loosening and ensure the performance quality.
- Internal gaskets are available in various options such as EPDM, Viton, and FEPM, which can be adapted to various types of chemical processes. The special structural design allows the nozzles to closely contact the base to prevent water leakage.
- Y-shaped rotary handle design leads to easier dismantling.
- According to the working environment, the base has two choices of thread type and welding type.

Applications

- Cleaning: Gas, exhaust gas, dust, cleaning device, tank cleaning, etc.
- Cooling: Gas, tank, machinery, metal, roof, etc.
- Dispersion: Humidifying, chemicals, dust suppression.



Appearance dimensions may vary depending on model, material. Please ask for details.

Material	Serise	Unit (mm)			Thread Type	Weight (g)	
		A	B	C		PP	PVDF
Plastic	1/8QFYMF	35	28	39	1/8M	10.7	18.7
	1/4QFYMF	35	28	43	1/4M	10.9	19.1
	3/8QFYMF	35	28	43	3/8M	11.9	20.8

Material

- TIP: PP, PVDF
- Core: PVC, PEEK
- Oring: EPDM, VITON, FEPM
- Base: PVDF, PP, U-PVC

How to pleace an order for LORRIC nozzles?

Example: 1/4 BSPT QFYMF 010 PP

Thread Size	Thread Type	Nozzle Series	Capacity Code	Material
1/4	BSPT	QFYMF	010	PP

※ Standard Pressure: Column in red.
※ This product for spray angle 90° and 120° is able to be made to order.

Spray Angle	Capacity Code	Capacity at Pressure									Average particle size (um)	Min. Free Passage (mm)	Filter mesh
		0.7 kgf/cm²	1 kgf/cm²	1.5 kgf/cm²	2 kgf/cm²	4 kgf/cm²	6 kgf/cm²	8 kgf/cm²	10 kgf/cm²	15 kgf/cm²			
50°	010	0.59	0.71	0.87	1.00	1.41	1.73	2.00	2.24	2.74	230	0.5	100
	015	0.89	1.06	1.30	1.50	2.12	2.60	3.00	3.35	4.11	≀	0.8	50
	020	1.18	1.41	1.73	2.00	2.83	3.46	4.00	4.47	5.48	270	1.1	-
	025	1.48	1.77	2.17	2.50	3.54	4.33	5.00	5.59	6.85		1.2	-
≀	030	1.77	2.12	2.60	3.00	4.24	5.20	6.00	6.71	8.22	≀	1.3	-
	035	2.07	2.47	3.03	3.50	4.95	6.06	7.00	7.83	9.59		1.4	-
	040	2.37	2.83	3.46	4.00	5.66	6.93	8.00	8.94	10.95		1.5	-
	045	2.66	3.18	3.90	4.50	6.36	7.79	9.00	10.06	12.32	400	1.5	-
	050	2.96	3.54	4.33	5.00	7.07	8.66	10.00	11.18	13.69		1.5	-
90°	055	3.25	3.89	4.76	5.50	7.78	9.53	11.00	12.30	15.06		1.5	-

※ For MPa / bar / psi units, please refer to https://www.lorric.com/.

Spray Angle	Capacity Code	Capacity at Pressure									Average particle size (um)	Min. Free Passage (mm)	Filter mesh
		0.7 kgf/cm²	1 kgf/cm²	1.5 kgf/cm²	2 kgf/cm²	4 kgf/cm²	6 kgf/cm²	8 kgf/cm²	10 kgf/cm²	15 kgf/cm²			
90°	010	0.59	0.71	0.87	1.00	1.41	1.73	2.00	2.24	2.74	-	-	-
	015	0.89	1.06	1.30	1.50	2.12	2.60	3.00	3.35	4.11	-	-	-
	020	1.18	1.41	1.73	2.00	2.83	3.46	4.00	4.47	5.48	-	-	-
	025	1.48	1.77	2.17	2.50	3.54	4.33	5.00	5.59	6.85	-	-	-
	030	1.77	2.12	2.60	3.00	4.24	5.20	6.00	6.71	8.22	-	-	-
	035	2.07	2.47	3.03	3.50	4.95	6.06	7.00	7.83	9.59	-	-	-
	040	2.37	2.83	3.46	4.00	5.66	6.93	8.00	8.94	10.95	-	-	-
	045	2.66	3.18	3.90	4.50	6.36	7.79	9.00	10.06	12.32	-	-	-
	050	2.96	3.54	4.33	5.00	7.07	8.66	10.00	11.18	13.69	-	-	-
	055	3.25	3.89	4.76	5.50	7.78	9.53	11.00	12.30	15.06	-	-	-
120°	010	0.59	0.71	0.87	1.00	1.41	1.73	2.00	2.24	2.74	-	-	-
	015	0.89	1.06	1.30	1.50	2.12	2.60	3.00	3.35	4.11	-	-	-
	020	1.18	1.41	1.73	2.00	2.83	3.46	4.00	4.47	5.48	-	-	-
	025	1.48	1.77	2.17	2.50	3.54	4.33	5.00	5.59	6.85	-	-	-
	030	1.77	2.12	2.60	3.00	4.24	5.20	6.00	6.71	8.22	-	-	-
	035	2.07	2.47	3.03	3.50	4.95	6.06	7.00	7.83	9.59	-	-	-
	040	2.37	2.83	3.46	4.00	5.66	6.93	8.00	8.94	10.95	-	-	-
	045	2.66	3.18	3.90	4.50	6.36	7.79	9.00	10.06	12.32	-	-	-
	050	2.96	3.54	4.33	5.00	7.07	8.66	10.00	11.18	13.69	-	-	-
	055	3.25	3.89	4.76	5.50	7.78	9.53	11.00	12.30	15.06	-	-	-

※ For MPa / bar / psi units, please refer to https://www.lorric.com/.