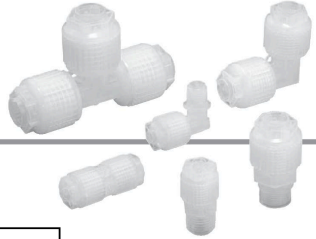


Fluoropolymer Fittings Hyper Fittings



LQ1 Series



How to Order

Threaded connection

LQ1 **H** 11 - **M** -

Fitting type

Symbol	Type
H	Connector
L	Elbow
R	Run tee
B	Branch tee

Thread type

Symbol	Type
Nil	R, Rc
N	NPT

Piping type

Symbol	Type
M	Male
F	Female

Packaging

Symbol	Packaging
Nil	Clean packaging equivalent to Class M3.5
1	Standard packaging equivalent to Class M5.5

Size combination

Symbol Class No.	Applicable tubing size (mm)	Port size
1 1	4 x 3	1/8"
1 2	3 x 2	
2 1	6 x 4	
2 2	4 x 3	1/8"
2 C	3 x 2	
2 3	6 x 4	
2 4	4 x 3	1/4"
2 F	3 x 2	
3 1	10 x 8	
3 2	8 x 6	1/4"
3 3	6 x 4	
3 4	10 x 8	
3 5	8 x 6	3/8"
3 6	6 x 4	
3 7	4 x 3	
3 E	3 x 2	1/8"
3 9	10 x 8	
3 10	8 x 6	
4 1	12 x 10	3/8"
4 2	10 x 8	
4 3	12 x 10	
4 4	10 x 8	1/2"
4 5	8 x 6	
4 6	6 x 4	
4 F	3 x 2	1/4"
4 9	12 x 10	
5 1	19 x 16	
5 2	12 x 10	
5 3	19 x 16	
5 4	12 x 10	3/4"
5 5	10 x 8	
5 7	6 x 4	
5 8	19 x 16	1/4"
5 9	19 x 16	
6 1	25 x 22	
6 2	19 x 16	
6 3	25 x 22	
6 4	19 x 16	1"
6 5	12 x 10	
6 6	25 x 22	

Symbol Class No.	Applicable tubing size (inch)	Port size
1 A	1/8" x 0.086"	1/8"
2 A	1/4" x 5/32"	
2 B	3/16" x 1/8"	1/8"
2 C	1/8" x 0.086"	
2 D	1/4" x 5/32"	1/4"
2 E	3/16" x 1/8"	
2 F	1/8" x 0.086"	
3 A	3/8" x 1/4"	1/4"
3 B	1/4" x 5/32"	
3 C	3/8" x 1/4"	3/8"
3 D	1/4" x 5/32"	
3 E	1/8" x 0.086"	
3 F	3/8" x 1/4"	1/8"
4 A	1/2" x 3/8"	
4 B	3/8" x 1/4"	
4 C	1/2" x 3/8"	1/2"
4 D	3/8" x 1/4"	
4 E	1/4" x 5/32"	1/4"
4 F	1/8" x 0.086"	
4 G	3/4" x 3/8"	1/2"
5 A	3/4" x 5/8"	
5 B	1/2" x 3/8"	3/4"
5 C	3/4" x 5/8"	
5 D	1/2" x 3/8"	
5 E	3/8" x 1/4"	1/4"
5 F	1/4" x 5/32"	
5 G	3/4" x 5/8"	1/4"
5 H	3/4" x 5/8"	
6 A	1" x 7/8"	3/4"
6 B	3/4" x 5/8"	
6 C	1" x 7/8"	1"
6 D	3/4" x 5/8"	
6 E	1/2" x 3/8"	1/2"
6 F	1" x 7/8"	

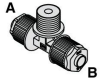
For different diameter (on B side)

Symbol	Application
Nil	Same tubing size
Refer to the applicable tubing table.	Different diameter tubing can be selected within the same body class.
LQ1B	
Branch tee male	Branch tee female
LQ1R	
Run tee male	Run tee female

The table of combination is the same as that for A side.
Note 1) Only branch tees and run tees can take different diameters.
Note 2) Use of different diameters is not available with size 1.

Different diameter tubing order example

Different diameter tubing (with plug-in reducer) can be selected within the same body class. (Example) Branch tee male
Body class 3
A side: $\phi 10 \times \phi 8$ B side: $\phi 8 \times \phi 6$
Order as shown below.



Only select combinations from the same body class.

LQ1 **B** 31 32 - M

Different dia. tubing size (B side)

Applicable tubing size (A side)

Branch tee male

Tubing in inches can be combined with that in mm in the same body size. Example) LQ1B31A-M

Branch tee male/Female (LQ1B) How to Order

As this product is bilaterally symmetric (A side and B side), depending on the combination, 2 identical part numbers may be listed in series. Be sure to list symbols in ascending alphabetical order.

LQ1B 31 32 - M

Listed in ascending numerical order

Example 1) Ascending numerical order Example 2) Ascending alphabetical order

Correct) LQ1B 31 32 -M Correct) LQ1B 37 3E -M

Incorrect) LQ1B 32 31 -M Incorrect) LQ1B 3E 37 -M

Note 1) Tubing of different sizes can only be used in combination if within the same body class. However, for class 1, tubing of different sizes cannot be used in combination.

Note 2) Combinations will differ depending on the type of each fitting. For the availability of combinations, refer to pages 877 to 884. These are produced upon receipt of order by part number.

Note 3) For details of the applicable tubing sizes, refer to page 945.