



Clean Wet Series

High Purity Fluoropolymer Fittings/Needle Valve/Tubing

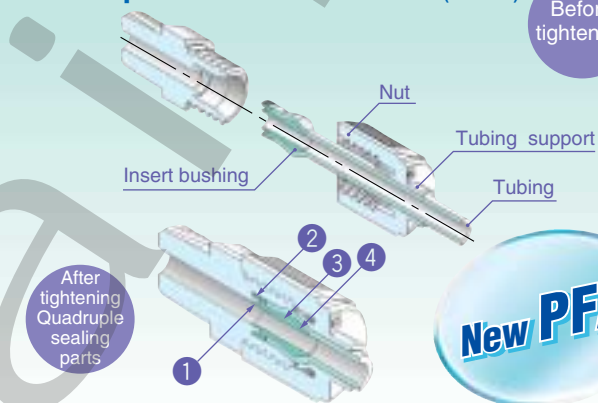


Series LQ¹/₂

HYPER FITTING® Series LQ¹/₂

▽ Quadruple seal construction (PAT.)

Before
tightening



New PFA



Series LVN

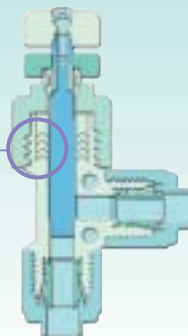
Needle Valve Series LVN

▽ Fluid adjustment range 0 to 12 μ /min

▽ Integral fitting construction
HYPER FITTING®,
Series LQ2 is used.

▽ Triple seal construction

Triple seal
construction



New PFA



Series TL/TIL

Tubing Series TL/TIL

▽ \varnothing 1/8" x \varnothing 1/16" additionally released.

▽ Size variations

Metric sizes: \varnothing 4 to \varnothing 19 (6 sizes)

Inch sizes: \varnothing 1/8" to \varnothing 1/2" (8 sizes)

Super PFA



Quadruple sealing construction

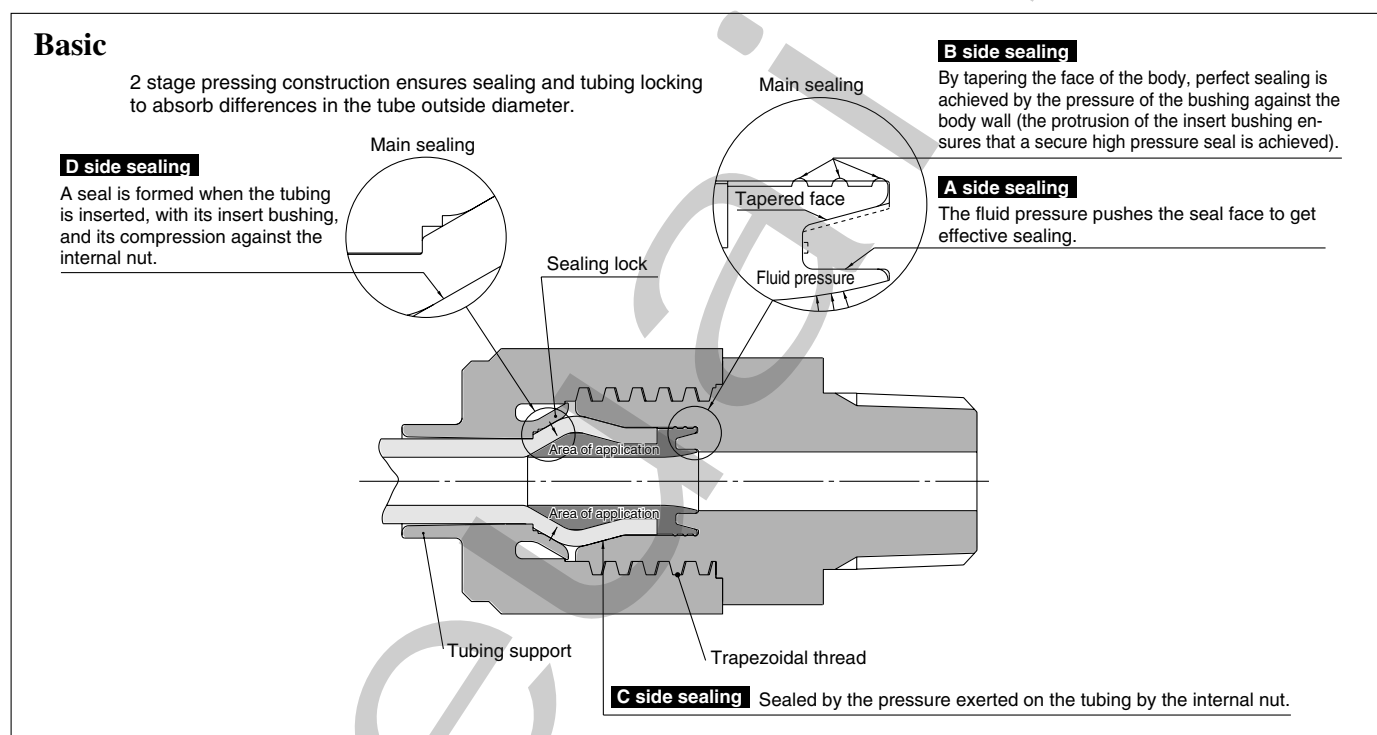
The quadruple sealing construction (PAT.) based on P/A's original idea results in highly reliable sealing characteristics with outstanding leakage prevention effect.

Flow-through characteristics

Excellent flow-through characteristics are achieved by minimizing liquid deposit.

Locking

- Locking mechanism utilizes sealing lock by the nut.
- Trapezoidal thread allows application of high torque
- 2 stage pressing by the tubing holder of the nut ensures secure tube holding.



Strong resistance to tube bending and deformation.

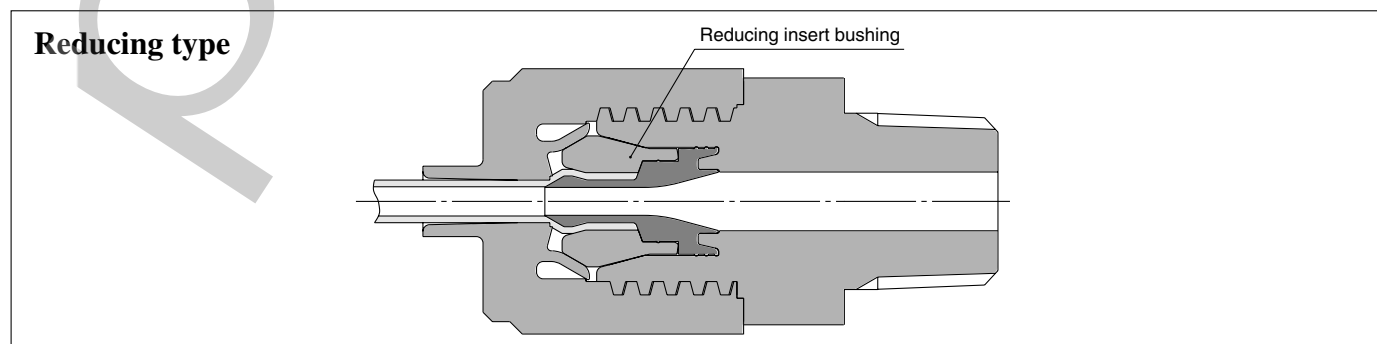
Able to withstand lateral loads with the tubing support.

Easy tightening of nuts.

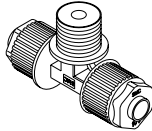
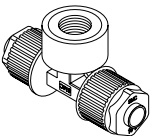
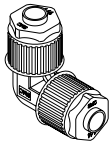
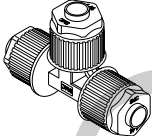
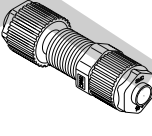
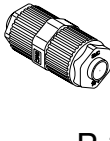
- No positioning guide is required, simply tighten up the tubing to the end of the fitting body.
- The trapezoidal thread prevents oblique nut insertion.

Tubing sizes are interchangeable.

- The reducer method allows tubing size changes without replacing the body.
- Helps standardize fitting items resulting in less stock requirements.



Series LQ₂¹, LVN, TL/TIL

Series	Appearance	Class	Port size							Tubing O.D.														
										Metric size							Inch size							
			None	1/8"	1/4"	3/8"	1/2"	3/4"	1"	ø3	ø4	ø6	ø8	ø10	ø12	ø19	ø25	1/8"	3/16"	1/4"	3/8"	1/2"	3/4"	1"
Branch tee LQ1B	Male  P.10	1	-	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	
		2	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	-	-	○	○	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	-	-	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	-	-	-	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	-	-	-	-	-	○	○	-	-	-	-	-	-	●	○	-	-	-	-	-	●	○
	Female  P.11	1	-	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	
		2	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	-	-	○	○	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	-	-	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	-	-	-	-	○	○	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	-	-	-	-	-	○	○	-	-	-	-	-	-	●	○	-	-	-	-	-	●	○
Union elbow LQ1E	 P.12	1	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	-	
		2	○	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	○	-	-	-	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	○	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	○	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	○	-	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○
Union tee LQ1T	 P.13	1	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	-	
		2	○	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	○	-	-	-	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	○	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	○	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	○	-	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○
Panel mount union LQ1P	 P.14	1	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	-	
		2	○	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	○	-	-	-	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	○	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	○	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	○	-	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○
Union LQ1U	 P.15	1	○	-	-	-	-	-	○	○	-	-	-	-	-	-	○	-	-	-	-	-	-	
		2	○	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	●	○	-	-	-
		3	○	-	-	-	-	-	-	-	-	●	●	○	-	-	-	-	-	●	○	-	-	-
		4	○	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-	-
		5	○	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○	-
		6	○	-	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	-	●	○
Union flange LQ1F	P.15	4	○	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	●	○	-	-	
		5	○	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	●	○	-	-
		6	○	-	-	-	-	-	-	-	-	-	-	-	●	○	-	-	-	-	-	●	○	-

Note) ○ Basic size ● With reducer

