

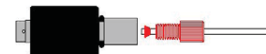
Gas-Tight Consumables for Liquid & Gas-Phase NMR

Quick Pressure Vacuum Tube

Wilmad's Quick Pressure Valve Sample Tubes are specially designed to simplify the work of NMR studies for catalysis, gas-liquid phase reactions, air sensitive samples and elevated temperature studies using low boiling point solvents.

- Easy to operate - one turn to open, one to close
- Larger opening for convenient sample addition
- Lightweight, concentric design for better performance
- Offered with Wilmad Precision Tubes - thin, medium and heavy wall
- Choice of Viton® or Kalrez® O-ring for different applications
- Adapters available for both 1/16" and 1/8" tubing

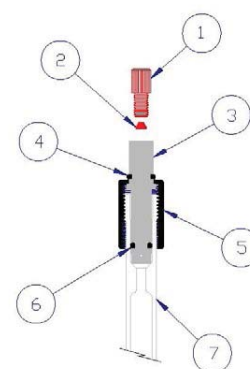
Basic Tubing Connection



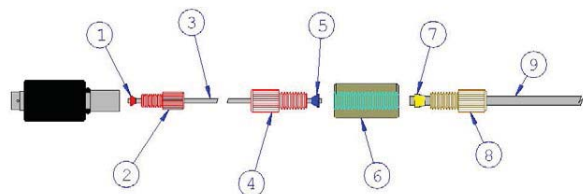
Slide the Nut (1) and Ferrule (2) onto the 1/16" diameter tubing. Make sure the end of the tubing extends past the end of the ferrule as shown. Screw the assembly into the threaded port in the end of the valve stem until finger tight.

Quick Pressure Valve (QPV) Tubes (Parts for Basic Tubing Connection Included)

Catalog No.	MHz Rating	O.D.	Length	Wall Thickness	Concentricity/Camber	Recommended Max Pressure
528-QPV-7	500	5mm	7"	0.38mm	25 / 13 µm	100 psi
528-QPV-8	500	5mm	8"	0.38mm	25 / 13 µm	100 psi
524-QPV-7	300	5mm	7"	0.77mm	76 / 51 µm	150 psi
524-QPV-8	300	5mm	8"	0.77mm	76 / 51 µm	150 psi
522-QPV-7	300	5mm	7"	1.40mm	51 / 51 µm	200 psi
522-QPV-8	300	5mm	8"	1.40mm	51 / 51 µm	200 psi
507-QPV-7	300	5mm	7"	0.38mm	51 / 25 µm	100 psi
507-QPV-8	300	5mm	8"	0.38mm	51 / 25 µm	100 psi



1. QPV-N 10-32 X 1/16" PEEK Nut
2. QPV-F 1/16" X 10-32 Tefzel Ferrule
3. QPV-V-S Valve Stem, PTFE
4. LX7980-3009[®] Retaining Ring, Viton
5. QPV-V-C Cap
6. LG-10220-500[®] Sealing Ring, Viton[®]
7. QPV-B Precision Glass Barrel



1. QPV-F Ferrule for 10-32 nut / 1/16" O.D. Tubing (Supplied with QPV-V)
2. QPV-N Nut, 10-32 for 1/16" O.D. Tubing (Supplied with QPV-V Valve)
3. QPV-T16 Tubing, 1/16" O.D. PTFE
4. QPV-N14 Nut, 1/4-28 for 1/16" Tubing
5. QPV-F14 Ferrule for 1/4-28 nut / 1/16" Tubing
6. QPV-U14 Union, 1/4-28
7. BP-1822-018 Ferrule for 1/4-28 Nut / 1/8" Tubing
8. BP-1821-018 Nut, 1/4-28 for 1/8" O.D. Tubing
9. BP-1823-014 Tubing, 1/8" O.D. PTFE

Spare Parts and Special O-Rings

Catalog No.	Description
QPV-V	Valve plug assembly with nut and ferrule
QPV-VOS	Set of 10 each Viton® O-Rings - Viton® Sealing O-Ring and Viton® cap retaining ring, pack
QPV-KOS	Kalrez® sealing O-Ring and Viton® cap retaining ring, chemically resistant and highly inert

Ferrules, Nuts, Tubing and Unions for QPV Sample Tube

Catalog No.	Description
QVP-F14	Ferrule, 1/16", ETFE, Blue
QVP-N14	Nut, 1/16", 1/4-28, Delrin, Red
QVP-T16	Tubing, PTFE, 1/16" O.D. X 3'
QVP-U14	Union, Delrin, 1/4-28 for 1/8" tubing
QPV-F	Ferrule, 1/16" x 10-32
QPV-N	Nut, 1/16" 10-32 x 1/16"
QF-60	Vacuum Connector
BP-1821-018	Nut 1/4-28 for 1/8" tubing
BP-1822-018	Ferrule 1/4-28 for 1/8" tubing
BP-1823-018	Tubing 1/8" x 10'