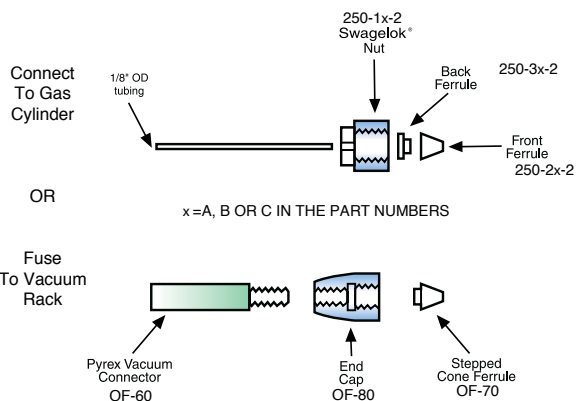
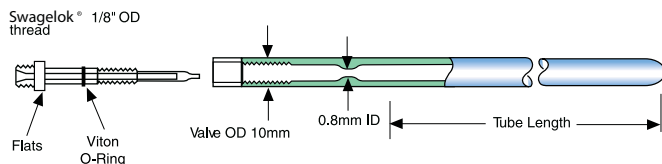


Pressure/Vacuum Sample Tube

Wilmad's Pressure/Vacuum Tube is the most reliable NMR tube for medium range pressure (<300 psi) experiments in the market. It is designed to connect to a 1/8" metal (stainless steel or brass) vacuum line using SwageLok® fittings or a rubber vacuum hose and a glass connector (OF-60). The PV-ANV valve is made of PTFE and all other parts are Pyrex® or equivalent glass. Valve is opened simply by turning counterclockwise.



Each Pressure/Vacuum tube is supplied with a PV-ANV valve, but not with a SwageLok® nut or ferrules. Order these separately (see connectors table).

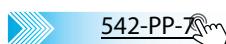
Pressure/Vacuum Sample Tubes

Catalog No.	MHz Rating	O.D	Length	Wall Thickness	Concentricity	Camber	Recommended Max Pressure
528-PV-7	500	5mm	7"	0.38mm	25 µm	13 µm	100 psi
528-PV-8	500	5mm	8"	0.38mm	25 µm	13 µm	100 psi
528-PV-9	500	5mm	9"	0.38mm	25 µm	13 µm	100 psi
524-PV-7	400	5mm	7"	0.77mm	76 µm	51 µm	150 psi
524-PV-8	400	5mm	8"	0.77mm	76 µm	51 µm	150 psi
524-PV-9	400	5mm	9"	0.77mm	76 µm	51 µm	150 psi
522-PV-7	500	5mm	7"	1.40mm	51 µm	51 µm	200 psi
522-PV-8	500	5mm	8"	1.40mm	51 µm	51 µm	200 psi
522-PV-9	500	5mm	9"	1.40mm	51 µm	51 µm	200 psi
507-PV-7	300	5mm	7"	0.38mm	51 µm	25 µm	100 psi
507-PV-8	300	5mm	8"	0.38mm	51 µm	25 µm	100 psi
507-PV-9	300	5mm	9"	0.38mm	51 µm	25 µm	100 psi
513-7PV-7	500	10mm	7"	0.46mm	38 µm	13 µm	90 psi
513-7PVM-7	500	10mm	7"	0.92mm	38 µm	13 µm	150 psi
513-7PVM-8	500	10mm	8"	0.92mm	38 µm	13 µm	150 psi
513-7PVM-9	500	10mm	9"	0.92mm	38 µm	13 µm	150 psi
513-7PVH-7	450	10mm	7"	1.45mm	51 µm	13 µm	200 psi
513-7PVH-8	450	10mm	8"	1.45mm	51 µm	13 µm	200 psi
513-7PVH-9	450	10mm	9"	1.45mm	51 µm	13 µm	200 psi

Connectors for Pressure/Vacuum Sample Tube

Catalog No.	Description	Material	Package Qty.
250-1A-2 250-1B-2 250-1C-2	SwageLok® Nut for 1/8" OD Tubing	Brass Stainless Steel PTFE	6
250-2A-2 250-2B-2 250-2C-2	Front Ferrule for 1/8" OD Tubing	Brass Stainless Steel PTFE	10
250-3A-2 250-3B-2 250-3C-2	Back Ferrule for 1/8" OD Tubing	Brass Stainless Steel PTFE	10
250-4A-2 250-4B-2	SwageLok® Male Connector for 1/8" tubing	Brass Stainless Steel	1
OF-60	Pyrex® Vacuum Connector	Borosilicate Glass	1
OF-80	End Cap	Polypropylene	1
OF-70	Stepped Cone Ferrule	PTFE	4
PV-ANV	Replacement Valve	PTFE	1
PV-ANV-O	Replacement O-Ring for PV-ANV Valve	Viton™	1

Connections: The upper portion of the needle valve is threaded and I.D. bevelled to accept SwageLok® 1/8" tubing nut and ferrule, which makes it simple to connect the "PV" tubes to a compressed gas cylinder or directly to a vacuum rack as shown on the above picture. The needle valve can be tightly closed using a small wrench (flat surfaces are provided on the valve). Components of the Pressure/Vacuum Valve NMR Tube and compatible fittings are available separately (see connectors). Tube available in 7, 8, or 9" lengths. Order shortest length possible to minimize overall weight.



Click on any Catalog No. to **Shop Now**