



1116 Vaughn Parkway
 Portland, TN 37148
 Telephone (800) 662-0208
www.gastite.com
www.pythonls.com

Python Line Sets Spec Sheet

Description

Python™ is a Pert-Al-Pert Line Set and compression fitting system that is A2L compatible and designed for both Split System and Minisplit System applications. Male flare compression brass fittings offered for Split System installs with an optional copper stub and flare nut adaptor to transition to HVAC equipment connection. Female flare compression brass fittings offered for Mini Split System installs to directly connect to HVAC equipment value. Compression coupler brass fittings offered for inline connections. Male flare elbow brass fitting adaptors offered for hard 90° bends. Insulated and non-insulated pipe product.

Python Line Set Features:

- Flexible
- Kink Resistant
- Lightweight
- Coil Lengths of 50' and 300'
- A2L Compatible



Installation:

- Pipe shall be cut with a tubing cutter
- Pipe shall be reamed and chamfered with a Python chamfering tool
- Adaptor connection to HVAC equipment should be tightened to OEM required torque value
- When attaching pipe to fitting, fittings shall be installed with wrenches until the nut and adaptor meet
- Product can be bent by hand or tighter bends can be made with bend tools (bend tools used should be 1 size up from traditional copper sizes, except for 1/4" pipe which should use a 1/2" bend tool).

Standards Compliance:

- ICC PMG-1675
- ASTM F3506-21
- ASTM E84 Flame & Smoke 25/50
- CAN/ULC 102.2 Flame & Smoke 25/50
- UL 207
- CSM C22.2
- ASME B31.5

Technical Data:

Maximum Design Pressure	700 psi for sizes 1/4" – 3/4", 650 psi for 7/8"
Maximum Design Temperature	203°F
ASTM F3506-21 Pipe Testing Coverage	UV, Sustained Pressure Testing, Burst Pressure Testing, Refrigerant Exposure, Pull Testing, Vibration Testing, Fatigue Testing
ASTM F3506-21 Fitting Testing Coverage	Burst pressure testing, Sustained pressure testing, Thermocycle testing
Approved Refrigerants	R410a, R32, R454b

Dimensional Characteristics

Size	Nominal OD	Nominal ID	Max Test Pressure
1/4"	.465"	.190"	2,100 psi
3/8"	.465"	.311"	2,100 psi
1/2"	.618"	.436"	2,100 psi
8"	.765"	.555"	2,100 psi
3/4"	.909"	.680"	2,100 psi
7/8"	1.026"	.785"	1,950 psi