



Python Line Sets

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Description

Python™ is a Pert-Al-Pert Line Set and compression fitting system designed for both Split System and Mini-Split 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'



Installation:

- Pipe shall be cut with a tubing cutter
- Pipe shall be reamed and chamfered with a Python chamfering tool
- Pipe fittings shall be installed with a torque wrench to the specified torque
- 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)

Listings:

- ASTM F3506-21

Technical Data:

Maximum Design Pressure	700 psi for sizes 1/4" – 3/4", 650" for 7/8"
Maximum Design Temperature	180°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	Minimum Torque (lbs)	Max Test Pressure (psi)
1/4"	.465	.190	30	2,100
3/8"	.465	.311	30	2,100
1/2"	.618	.436	30	2,100
5/8"	.765	.555	30	2,100
3/4"	.909	.680	50	2,100
7/8"	1.026	.785	50	1,950