Python Line Sets

Description

PythonTM is a Pert-Al-Pert Line Set and compression fitting system 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.Lorem ipsum dolor sit amet, cons ectetuer adipiscing elit, sed diam

Python Line Set Features:

- Flexible
- Kink Resistant
- Lightweight
- Coil Lengths of 50’ and 300’

Description

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).

Listings:

- ICC PMG-1675
- ASTM F3506-21

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