



PYTHON LINE SETS

The Next Evolution of Line Sets.





WHAT IS PYTHON?

PYTHON™ IS A PERT-AL-PERT LINE SET AND COMPRESSION FITTING SYSTEM DESIGNED FOR BOTH SPLIT SYSTEM AND MINI-SPLIT SYSTEM APPLICATIONS INCLUDING HEAT PUMP SYSTEMS.

FEATURES

FOR HVAC RESIDENTIAL & COMMERCIAL APPLICATIONS

LIGHTWEIGHT

half the weight of copper pipe

ICC-ES PMG-1675 Listed

PRODUCT TESTED AND LISTED TO ASTM F3506-21

CHEMICAL, UV & KINK RESISTANT

NO NEED FOR A TORCH ON SITE

SURFACE FRICTION OF PERT VS. COPPER EQUIVALENT

SPECS

MAXIMUM DESIGN PRESSURE 1/4" – 3/4" is 700psi, 7/8" is 650psi

MAXIMUM DESIGN TEMPERATURE 203°F

ID & FLOW RATES same as copper pipe

APPROVED REFRIGERANTS R410a, R32, R454b

AVAILABLE PIPE SIZES 1/4", 3/8", 1/2", 5/8", 3/4", 7/8"

PIPE MARKED EVERY FOOT

INSULATION

COMPLETELY RECYCLABLE

NON-POROUS, FIBER-FREE

closed-cell insulation resists mold growth

MANUFACTURED WITHOUT

CFCs, HCFCs, HFCs, PBDEs, and formaldehyde

YEAR-ROUND PIPE PROTECTION

from freezing and condensation

TEAR RESISTANT

TECHNICAL REQUIREMENTS

STANDARD COVERS

UV requirements, sustained & burst pressure testing, refrigerant exposure testing, pull testing, vibration testing, fatigue testing

FITTING SECTION OF THE STANDARD COVERS

Burst pressure testing, sustained pressure testing, thermocycle testing

PIPE SHALL BE CUT WITH A TUBING CUTTER

PIPE SHALL BE REAMED AND CHAMFERED

with a Python chamfering tool

PIPE FITTINGS SHALL BE INSTALLED

according to Python installation instructions

LINE SETS & ACCESSORIES

Sizes shown are in stock. Custom lengths available for order.

PART NO.	DESCRIPTION	PKG QTY	UPC
INSULATED LINE SETS			
5030	1/4"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889050303
5035	1/4"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889050358
5130	3/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889051300
5135	3/8"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889051355
5230	1/2"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889052307
5235	1/2"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889052352
5330	5/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889053304
5335	5/8"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889053359
5430	3/4"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889054301
5435	3/4"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889054356
5530	7/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889055308
5535	7/8"NPS x 3/4"IN x 50' Line Set	50 ft/Coil	840889055353
5050	1/4"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889050501
5055	1/4"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889050556
5150	3/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889051508
5155	3/8"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889051553
5250	1/2"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889052505
5255	1/2"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889052550
5350	5/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889053502
5355	5/8"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889053557
5450	3/4"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889054509
5455	3/4"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889054554
5550	7/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889055506
5555	7/8"NPS x 3/4"IN x 300' Line Set	300 ft/Coil	840889055551
NON-INSULATED LINE SETS			
5020	1/4"NPS x 50' Line Set	50 ft/Coil	840889050204
5120	3/8"NPS x 50' Line Set	50 ft/Coil	840889051201
5220	1/2"NPS x 50' Line Set	50 ft/Coil	840889052208
5320	5/8"NPS x 50' Line Set	50 ft/Coil	840889053205
5420	3/4"NPS x 50' Line Set	50 ft/Coil	840889054202
5520	7/8"NPS x 50' Line Set	50 ft/Coil	840889055209
5040	1/4"NPS x 300' Line Set	300 ft/Coil	840889050402
5140	3/8"NPS x 300' Line Set	300 ft/Coil	840889051409
5240	1/2"NPS x 300' Line Set	300 ft/Coil	840889052406
5340	5/8"NPS x 300' Line Set	300 ft/Coil	840889053403
5440	3/4"NPS x 300' Line Set	300 ft/Coil	840889054400
5540	7/8 NPS x 300' Line Set	300 ft/Coil	840889055407
PYTHON CHAMFERING TOOLS			
7000	Python Chamfering Tool 1/4" x 3/8" x 1/2"	25/Box	840889070004
7001	Python Chamfering Tool 5/8" x 3/4" x 7/8"	25/Box	840889070011



FITTINGS

PART NO.	DESCRIPTION	QTY	UPC	
MALE COMPRESSION FITTINGS				
6000	1/4" Male Compression Fitting Assembly	36/Box	840889060005	
6005	3/8" Male Compression Fitting Assembly	36/Box	840889060050	
6010	1/2" Male Compression Fitting Assembly	36/Box	840889060104	
6015	5/8" Male Compression Fitting Assembly	24/Box	840889060159	
6020	3/4" Male Compression Fitting Assembly	24/Box	840889060203	
6025	7/8" Male Compression Fitting Assembly	24/Box	840889060258	
FEMALE COMPRESSION FITTINGS				
6100	1/4" Female Compression Fitting Assembly	36/Box	840889061002	
6105	3/8" Female Compression Fitting Assembly	36/Box	840889061057	
6110	1/2" Female Compression Fitting Assembly	36/Box	840889061101	
6115	5/8" Female Compression Fitting Assembly	24/Box	840889061156	
6120	3/4" Female Compression Fitting Assembly	24/Box	840889061200	
6125	7/8" Female Compression Fitting Assembly	24/Box	840889061255	
COUPLER COMPRESSION FITTINGS				
6200	1/4" Coupler Compression Fitting Assembly	36/Box	840889062009	
6205	3/8" Coupler Compression Fitting Assembly	36/Box	840889062054	
6210	1/2" Coupler Compression Fitting Assembly	36/Box	840889062108	
6215	5/8" Coupler Compression Fitting Assembly	24/Box	840889062153	
6220	3/4" Coupler Compression Fitting Assembly	24/Box	840889062207	
6225	7/8" Coupler Compression Fitting Assembly	24/Box	840889062252	
COPPER STUBS				
6300	1/4" Copper Stub	50/Box	840889063006	
6305	3/8" Copper Stub	50/Box	840889063051	
6310	1/2" Copper Stub	50/Box	840889063105	
6315	5/8" Copper Stub	50/Box	840889063150	
6320	3/4" Copper Stub	25/Box	840889063204	
6325	7/8" Copper Stub	25/Box	840889063259	
FLARE NUTS				
6400	1/4" Flare Nut	50/Box	840889064003	
6405	3/8" Flare Nut	50/Box	840889064058	
6410	1/2" Flare Nut	50/Box	840889064102	
6415	5/8" Flare Nut	50/Box	840889064157	
6420	3/4" Flare Nut	25/Box	840889064201	
6425	7/8" Flare Nut	25/Box	840889064256	
MALE FLARE ELBOWS				
6500	1/4" Male Flare Elbow	50/Box	840889065000	
6505	3/8" Male Flare Elbow	50/Box	840889065055	
6510	1/2" Male Flare Elbow	50/Box	840889065109	
6515	5/8" Male Flare Elbow	50/Box	840889065154	
6520	3/4" Male Flare Elbow	25/Box	840889065208	
6525	7/8" Male Flare Elbow	24/Box	840889065253	



TRUST IN PYTHON

WARRANTY | PYTHON LINE SETS

Titeflex warrants its products to be free from any defect of workmanship and material. Should any such defects be discovered, the questionable product must be returned to Titeflex. If, upon inspection, the part proves to be defective, Titeflex will furnish a replacement, or, at its option, repair the part.

This warranty shall not apply to any part or parts of the Python Product System if it has been installed, altered, repaired or misused, through negligence or otherwise, in a way that in the option of Titeflex affects the reliability of, or detracts from, the performance of the product. Nor does this warranty cover replacements or repairs necessitated by loss or damage resulting from any cause beyond the control of Titeflex, including but not limited to, acts of God, acts of government, floods and fires.

The obligation of Titeflex under this warranty is limited, at Titeflex's discretion, to 1) making a replacement part available, 2) the repair of the defective part, or 3) refund of purchase price. This does not include the furnishing of any labor involved or connected therewith, such as that required to diagnose trouble or to remove or install any such product, nor does it include responsibility for any transportation expenses or any damages or losses incurred in transportation in connection therewith.

THE FOREGOING IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY, AND TITEFLEX NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR TITEFLEX ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS.

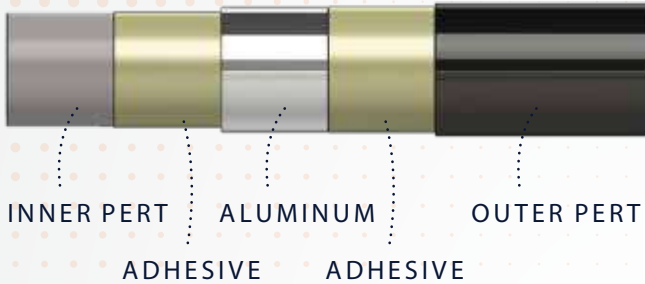
INSTALLATION REQUIREMENTS

1. Installation must be performed strictly in accordance with local HVAC and/or building codes, and in accordance with Python installation instructions.
2. Installation must be performed by a licensed HVAC installer.
3. Pressure testing must be performed on the line set system once installed with the HVAC equipment.
4. Titeflex assumes no responsibility for product or labor for any system, which has been improperly installed.



PROUDLY MADE IN THE USA

PE-RT/AL/PE-RT MULTILAYER COMPOSITE PIPE CONSTRUCTION



INNER LAYER OF NATURAL PE-RT
material has excellent chemical resistance

ALUMINUM LAYER
roll formed and butt-welded AL alloy

OUTER LAYER OF PE-RT
contains carbon black yielding excellent UV resistance

PYTHON COMPRESSION FITTING ASSEMBLY

SOLID BRASS CONSTRUCTION

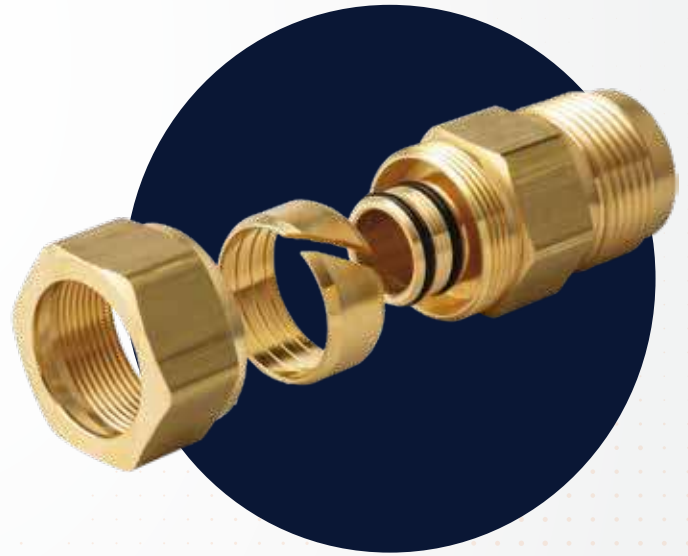
can be applied in the field without the use of special tool

SPLIT SYSTEM CONNECTIONS

flared threaded male connection to flare nut on brazed copper

MINI SPLIT CONNECTION

flared female threaded connection to king valve



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sales.intl@teksolgroupsolutions.com

www.teksolgroupsolutions.com

+1 (954) 471 0911

