PYTHON LINE SETS

The Next Evolution of Line Sets.

Python™ LINE SETS

FLEXIBLE | LIGHTWEIGHT | KINK-RESISTANT | PROUDLY MADE IN THE USA

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.

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
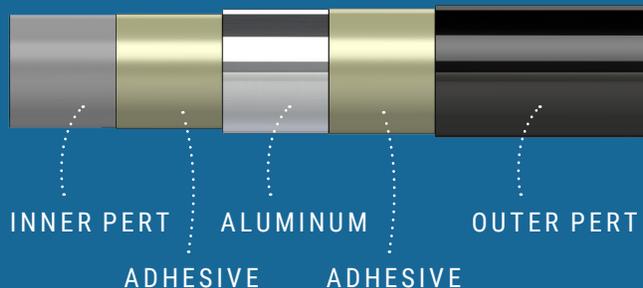with a torque wrench to the specified torque

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	
5130	3/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889051300	
5230	1/2"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889052307	
5330	5/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889053304	
5430	3/4"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889054301	
5530	7/8"NPS x 1/2"IN x 50' Line Set	50 ft/Coil	840889055308	
5050	1/4"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889050501	
5150	3/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889051508	
5250	1/2"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889052505	
5350	5/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889053502	
5450	3/4"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889054509	
5550	7/8"NPS x 1/2"IN x 300' Line Set	300 ft/Coil	840889055506	
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	

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

INNER PERT   ALUMINUM   OUTER PERT

ADHESIVE   ADHESIVE

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

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 during rough construction with piping system exposed.
4. Titeflex assumes no responsibility for product or labor for any system, which has been improperly installed.

PROUDLY MADE IN THE USA

Python™
LINE SETS

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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