

PYTHON LINE SETS

The Next Evolution of Line Sets.

FLEXIBLE | LIGHTWEIGHT | KINK-RESISTANT



PROUDLY MADE IN THE USA

Gastite


Python[™]
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

Tested in accordance to ASTM E84-23c and CAN ULC S 102.2 with a flame and smoke rating of 25/50

CHEMICAL, UV & KINK RESISTANT

NO-BRAZE FITTINGS FOR SPLIT SYSTEMS
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

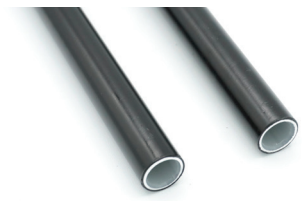
PIPE SHALL BE CUT WITH A TUBING CUTTER

PIPE SHALL BE REAMED AND CHAMFERED
with a Python chamfering tool

PIPE FITTINGS SHALL BE INSTALLED
according to Python installation instructions

LINE SETS & ACCESSORIES

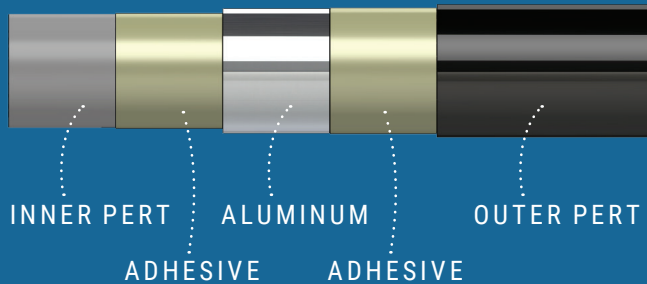
Sizes shown are in stock. Custom lengths available for order.

| 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 | | |
| MINI-SPLIT LINE SET KITS | | | | | |
| 8205 | 1/4"LL x 3/8"SS X 1/2" INSU 35' Refrigerant Line Set w/Install Kit | Each | 840889082052 | |  |
| PYTHON 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 | | |
| 7100 | Close Quarter Multi-Layer Line Set Cutter | Each | 840889071001 |  | |
| 7101 | Standard Multi-Layer Line Set Cutter | Each | 840889071018 |  | |
| 7105 | Multi-Layer Cutter Blades | 5/Pkg | 840889071056 |  | |

FITTINGS

| PART NO. | DESCRIPTION | QTY | UPC | |
|--------------------------------------|---|--------|--------------|---|
| NO BRAZE COMPRESSION FITTINGS | | | | |
| 6605 | 3/8" No Braze Compression Fitting | 36/Box | 840889066052 |  |
| 6610 | 1/2" No Braze Compression Fitting | 36/Box | 840889066106 | |
| 6615 | 5/8" No Braze Compression Fitting | 24/Box | 840889066151 | |
| 6620 | 3/4" No Braze Compression Fitting | 24/Box | 840889066205 | |
| 6625 | 7/8" No Braze Compression Fitting | 24/Box | 840889066250 | |
| 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 | |

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

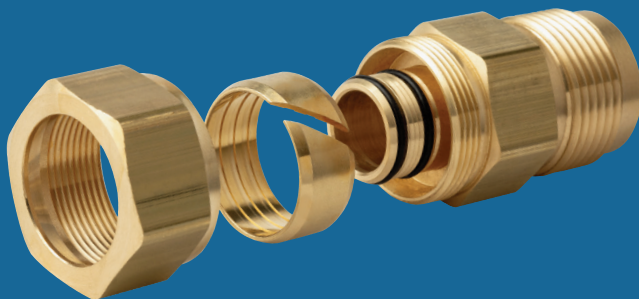
PYTHON COMPRESSION FITTING ASSEMBLY

SOLID BRASS CONSTRUCTION
can be applied in the field without the use of special tool

SPLIT SYSTEM CONNECTION OPTIONS
no braze compression fitting

flared threaded male connection to flare nut
on brazed copper

MINI SPLIT CONNECTION
flared female threaded connection to king valve



The Next
Evolution
of Line Sets.



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.



PYTHON
LINKTREE



MINI-SPLIT
INSTALL VIDEO



SPLIT SYSTEM
INSTALL VIDEO



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