

TracPipe PS-II

Polyethylene-Sleeved Flexible Gas Piping by OmegaFlex®

The Underground System



 **OmegaFlex**®

TracPipe[®] PS-II

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TracPipe PS-II listing #PMG 1052



Product Capabilities:

- Popular TracPipe[®] system features:
- Pre-sleeved with flexible black jacket and yellow layline for underground applications .
 - Vented containment system for added safety.
 - Installs in a fraction of the time for other underground piping materials.
 - Extremely resistant to damage.
 - Easy to handle.
 - Quick attachment fittings.
 - Supports/contains NPT connections.
 - Installs in long lengths without joints.
 - Use with couplings and extensions to minimize scrap.



Product advantages over other materials:

- Lower installed cost
- Shortened installation time
- Easy to handle
- Flexible
- Ease of connection
- Wide range of fittings

Applications:

- Under Buildings/Slab
- Rooftops
- Exterior walls
- Pool Heaters
- School Labs
- Barbecues
- Island Ranges
- Gas lamps/torches
- Stadiums



About TracPipe[®] PS-II:



PS-II fittings are constructed from patented AutoFlare[®] fittings with a plastic containment coupling and 1/4" NPT vent port. Fittings assemble without special tools.



Tools Required for Assembly:

- Utility knife with sharp blade
- Appropriate size adjustable or monkey wrenches
- Tubing cutter:
 - For 3/8" to 1 1/4" Use: FGP-TC-151 Ridgid[®] Tubing Cutter with TracPipe cutting wheel (FGP-E-5272)
 - For 1 1/4" to 2" Use: FGP-TC-152 Ridgid[®] Tubing Cutter with TracPipe cutting wheel (FGP-E-5272)
- Reciprocating saw or hacksaw

TracPipe PS-II flexible gas piping is constructed from standard TracPipe stainless steel flexible gas pipe sleeved in a polyethylene sleeve that acts as a vented containment system.

TracPipe PS-II is supplied in standard lengths on reels or custom cut lengths. Product should be stored in an area that will not expose it to damage or outdoor elements.

A pre-sleeved, "one-step" gas installation system for underground, rooftop, or exterior wall applications. TracPipe® PS-II can be installed under buildings, slab, roads, driveways – it's perfect for gas installations in a variety of applications where speed, reliability, and safety are paramount.



WARNING: TracPipe PS-II System must be installed by a qualified person who has been trained through the TracPipe gas piping installation program. All installations must comply with local code requirements and the instructions contained in the TracPipe Design Guide and installation instructions.

Fitting Attachment Instructions:

Strip Length Chart

Pipe Size	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Jacket Strip Length	1 1/2"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
Fitting Torque Value	40 ft-lb	42 ft-lb	45 ft-lb	75 ft-lb	150 ft-lb	200 ft-lb	250 ft-lb
Max. Superimposed Loading psf *	9640	7254	5409	4203	3390	2901	2124

*Notes: 1. Super-imposed loading includes all dead load and live load combinations. 2. Maximum buried depth of 36"; 3. Soil Density : 120 pcf; 4. Factor of safety used: 4.

Step 1



Unroll pipe into trench or on the ground and cut to desired length – plus one foot. Cutting up to 1" can be done with a large tubing cutter. For 1 1/4" – 2" sizes, a reciprocating saw is recommended.

Step 2



Mark the sleeve at specified length on the Strip Length Chart (above) – plus 2".

Step 3



Using the appropriate tubing cutter with TracPipe #FGP-E-5272 Cutting Wheel, score the black sleeve approximately half of the way through. Use extreme care not to cut down to the stainless corrugated pipe. No more than two turns in on the cutter is sufficient. Inspect tube for scoring from the tubing cutter.

Step 4



Carefully, finish cutting through the sleeve down to the stainless corrugated pipe using a sharp utility knife.

Step 5



Using a twisting motion, remove the black sleeve and yellow jacket from the pipe. It may be necessary to cut sleeve longitudinally and peel off on larger sizes. Inspect stainless pipe for scoring from the tubing cutter.

Step 6



Using the tubing cutter, trim corrugated pipe to strip length specified on the Strip Length Chart shown above. Cut slowly in the root of the corrugation in the same manner you would cut copper tubing. Inspect end of pipe for a clean cut without tears in corrugation.

Step 7



Remove adapter and split rings from fitting. Attach adapter to equipment. Slip coupling and nut over end of pipe all the way to expose first corrugations of pipe. Insert split rings into first corrugation as shown.

Step 8



Holding the black coupling, slide fitting up to capture split rings into nut. Be sure split rings slip all the way to the base of the internal threads. Assembly is now ready to be attached to the adapter on the equipment.

Step 9



Thread the nut onto adapter previously installed on the equipment. Using appropriate wrenches, hold adapter and tighten nut to proper torque specified. Do not overtighten or use any thread sealants on this connection. This is a metal-to-metal seat and will not seal if pipe dope or thread sealants are used. Sealants are to be used on the NPT connection to the equipment only!

Note: When installing coupling FGP-UGC-XXX, the same instructions apply except metallic parts of the fitting must be wrapped in a code approved manner (e.g. mastic used for wrapping metallic pipe).

TUBING:

Part Number	Size	O.D. (Nom)	Jacket Strip Length	Weight /Foot	Reel Length	Weight /Reel	Dimensions L X W X H
FGP-UGP-375-250	3/8	.82	1 1/2"	.23	250	57.5	20 X 20 X 12
FGP-UGP-500-250	1/2	1.08	1 1/2"	.33	250	82.5	24 X 24 X 14
FGP-UGP-500-100	1/2	1.08	1 1/2"	.33	100	33	20 X 12 X 10
FGP-UGP-750-250	3/4	1.32	1 3/4"	.43	250	107.5	24 X 24 X 19
FGP-UGP-750-100	3/4	1.32	1 3/4"	.43	100	43	24 X 14 X 10
FGP-UGP-100-250	1	1.60	2"	.57	250	142.5	30 X 30 X 18
FGP-UGP-100-100	1	1.60	2"	.57	100	57	24 X 14 X 10
FGP-UGP-125-150*	1 1/4	1.96	2 1/4"	.91	150	137	32 X 32 X 24
FGP-UGP-150-150*	1 1/2	2.18	2 1/2"	1.00	150	150.5	32 X 32 X 24
FGP-UGP-200-150*	2	2.80	2 3/4"	1.47	150	220	36 X 36 X 23

*not shipped on reel

FITTINGS:

Part Number	Style	Weight	L X W X H	U/M	Box Qty.
FGP-UGF-375	3/8" NPT Male	.45	4 X 1.5 X 1.5	Each	25
FGP-UGF-500	1/2" NPT Male	.50	4 X 1.75 X 1.75	Each	20
FGP-UGF-750	3/4" NPT Male	.65	4.5 X 2 X 2	Each	16
FGP-UGF-1000	1" NPT Male	.90	5 X 2.25 X 2.25	Each	9
FGP-UGF-1250	1 1/4" NPT Male	1.60	5.5 X 2.5 X 2.5	Each	9
FGP-UGF-1500	1 1/2" NPT Male	2.65	6 X 2.75 X 2.75	Each	9
FGP-UGF-2000	2" NPT Male	4.30	7.25 X 3.75 X 3.75	Each	5
FGP-UGC-375	3/8" T/P Coupling	.65	6 X 1.5 X 1.5	Each	25
FGP-UGC-500	1/2" T/P Coupling	.70	6 X 1.75 X 1.75	Each	20
FGP-UGC-750	3/4" T/P Coupling	1.05	7 X 2 X 2	Each	16
FGP-UGC-1000	1" T/P Coupling	1.40	7.5 X 2.25 X 2.25	Each	9
FGP-UGC-1250	1 1/4" T/P Coupling	2.50	9 X 2.5 X 2.5	Each	9
FGP-UGC-1500	1 1/2" T/P Coupling	4.25	10 X 2.75 X 2.75	Each	8
FGP-UGC-2000	2" T/P Coupling	6.90	11 X 3.75 X 3.75	Each	5



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Authorized TracPipe® PS-II Representative:



Omega Flex® is a manufacturer of quality flexible metal hose and piping products – metal hose, braid, braided-hose-on-reels, and now TracPipe® CounterStrike® and AutoFlare®. Our reputation in the industrial marketplace was built through excellent customer service, fully-stocked inventory, and on time shipments. TracPipe® CounterStrike® and its components bring our technological, manufacturing, and service capabilities to the plumbing, heating, and mechanical trades.

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