

Kit Installation Instructions



Warning

In the UK, gas operatives must be competent and hold a valid certificate of competence for each work activity that they wish to undertake. The valid certificate must have been issued under the Nationally Accredited Certification Scheme (ACS) for individual gas fitting operatives or an aligned qualification.

All businesses and individuals undertaking gas work on installations supplied with Natural gas or LPG must be registered with a body approved by the Health and Safety Executive (HSE). In Great Britain, Northern Ireland and Guernsey, at the time of publication the only body with such approval is Gas Safe Register.

For any work undertaken outside of the UK, reference needs to be made to the relevant geographical legislation and installation standards as well as the applicable TracPipe® Design and Installation Specification.

Omega Flex Limited

Kildare House
Wildmere Road
Banbury
Oxon
OX16 3JU
Phone: 01295 676 670
Fax: 01295 267 302
E-mail: eurossales@omegaflex.net
Help: tech-help@omegaflex.net

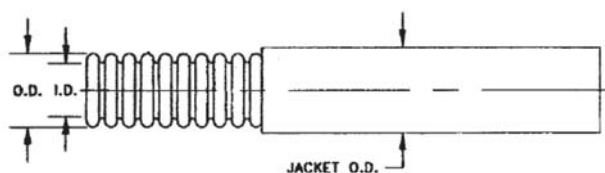
Warning

This product has sharp edges and is coiled under tension. It will spring out once the cable ties are released.

Only the components specified by OMEGAFLEX® as part of the approved piping system are to be used in the installation. The use of TracPipe® piping or fittings with piping or fittings from other flexible gas piping manufacturers is strictly prohibited.

TracPipe® shall not be used where during installation, or subsequent to installation, it can be subjected to repeated bending. TracPipe® is an alternative to rigid pipe systems and not a replacement for flexible connections.

Technical Data



TracPipe® Pt No's.	FGP-15-05 (kit) FGP-15-10 (kit) FGP-15-15 (kit)	FGP-22-05 (kit) FGP-22-10 (kit) FGP-22-15 (kit)	FGP-28-05 (kit) FGP-28-10 (kit) FGP-28-15 (kit)	FGP-32-05 (kit) FGP-35-10 (kit) FGP-32-15 (kit)
Inside Diameter	15mm	21mm	27mm	33mm
Outside Diameter	22mm	28mm	35mm	42mm
Available	5m, 10m or 15m length's supplied with (kit) or without fittings			

Sizing

See the current TracPipe® Design and Installation Specification for sizing information.

OmegaFlex® offers free of charge training to all registered gas installers. Please contact our office to arrange a training session and also email us your mailing contact details for us to send you a copy of the TracPipe® Design and Installation Specification.

Please see reverse for instructions on how to assemble TracPipe® AutoFlare® fittings.

Full installation instructions can be downloaded at:

<http://www.tracpipe.co.uk/Downloads/>

How to assemble TracPipe® AutoFlare® fittings



CUT TO LENGTH: Determine proper length. Cut through outer cover and stainless pipe using a tube cutter with a sharp steel wheel that is large enough to reach the bottom of the corrugation. Cut must be centred between two corrugations. Use full circular strokes in one direction and tighten roller pressure slightly (a quarter turn) after each revolution. **DO NOT OVERTIGHTEN ROLLER**, which may flatten pipe.



STRIP COVER: Using a utility knife, strip back the outer cover about 25mm back from the cut end to allow assembly of fittings. *Caution: Knife blade and cut pipe ends are both sharp. Use care when cutting the cover and handling the pipe.*



INSTALL BACK NUT: Slide the back nut over the cut end; place the two split rings into the first corrugation next to the pipe cut. Slide the back nut forward to trap the rings.



FIT AUTOFLARE® FITTING: Place the AutoFlare® fitting into the back nut and engage threads. Note that the AutoFlare® fitting is designed to form a leak tight seat on the stainless piping as you tighten the fitting. (The piloting feature of the insert will not always enter the bore of the piping before the tightening operation, but will centre the fitting when tightened). **Jointing compound is prohibited on the internal sealing components of the TracPipe® fitting.** Using appropriate wrenches, tighten the fitting until insert bottoms and the resistance to wrenching increases greatly. The flare has now been created on the piping end.



FINAL TORQUE: Tighten nut and body as though you were making up a flared tubing joint. Note the relation between hex flats at this point and continue to tighten for two additional hex flats (one third turn) to obtain required torque and final leak-tight metal-to-metal seal.

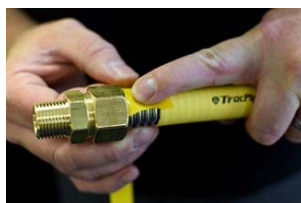
Torque Values

DN	15	22	28	32
N.m	57	61	100	200-270
Ft.lbs	42	45	75	150-200

TAPE WRAP: *AFTER GAS TIGHTNESS TEST - Care must be taken after pressure test to ensure that no stainless steel pipe is visible.*

Any portions of exposed stainless steel behind the fitting nut shall be wrapped with TracPipe® self-amalgamating silicone tape.

The first wrap of tape should occur on the exposed stainless steel pipe next to the fitting nut, stretched very tightly, and wrapped with a 55% overlap onto the outer cover for 50mm. The tape should then be wrapped back over the first layer, over the fitting nut and up to the edge of the shoulder of the fitting. **This will allow a section of the fitting to still be accessible for the application of any electrical bonding clamp that may be required. If an electrical bonding clamp is not required, it is acceptable to cover the entire fitting with tape if required.**



Start the tape wrap immediately behind the back nut on the exposed stainless steel



With the tape stretched very tightly wrap onto the outer cover



The tape should then be wrapped back over the first layer, over the fitting nut and up to the edge of the shoulder of the fitting