

Installation Instructions

Warning

This product has sharp edges and is coiled under tension. It will spring out once the securing string is 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.

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 United Kingdom, Isle of Man and Guernsey, at the time of publication the only body with such approval is Gas Safe Register.

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This document should be used in conjunction with the current Edition of the TracPipe[®] Design and Installation Specification which is available at www.tracpipe.co.uk

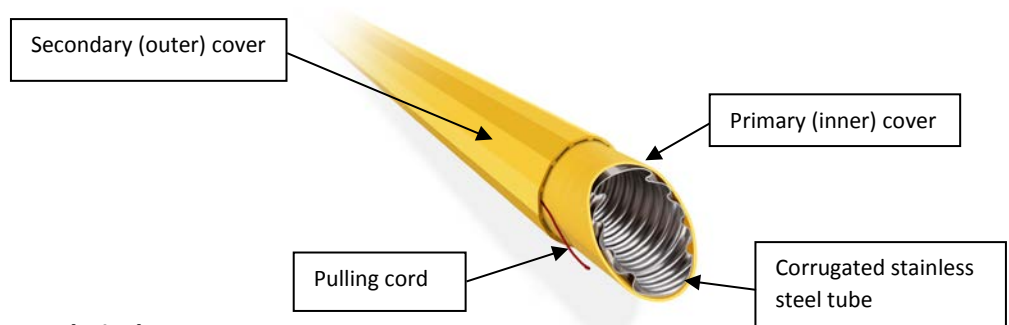
Important: Users of TracPipe[®]CC[™] semi-rigid gas piping must liaise with those responsible for the Building Control and where appropriate the Home Warranty provider to ascertain their preferred method of installation.

Introduction

TracPipe[®]CC[™] semi-rigid gas piping is the original TracPipe[®] BS 7838 corrugated stainless steel pipe with an additional robust outer cover that has ridges on its internal surface between the “primary” (inner) and “secondary” (outer) cover. This allows for a passage for any gas possibly escaping from the stainless steel pipe and primary inner cover to move freely to a ventilated location at each end of the pipe.

TracPipe[®]CC[™] meets the requirements of the various installation standards when used through both horizontal and vertical unventilated voids without the need to install further secondary containment.

TracPipe[®]CC[™] can also be used in all of the usual applications for TracPipe[®] including for direct burial in the ground and screed.



Technical Data

Part No	FGP-SS4-22CC	FGP-SS4-28CC	FGP-SS4-32CC
DN	22	28	32
Size (inch)	3/4 "	1"	1 ¼"
Cover O.D. (Max)	31	38	45
Inside Dia. (nom)	21	27	33
Wall Thk. (min)	0.25	0.25	0.30
Lengths	30m/75m	30m/55m/90m	45m/75m

Note: DN's 15, 40 and 50 are available upon request. Please contact our office for further details.

Sizing

See the current TracPipe[®] D&I Specification for sizing information.

Sleeving

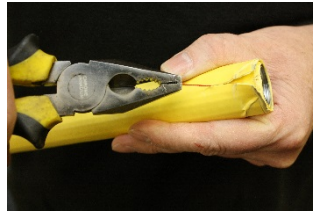
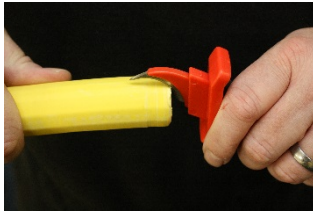
TracPipe[®]CC[™] still requires sleeving when passing through walls or floors. See Clause 8.7 of the current TracPipe[®] D&I Specification.

Support

See Clause 8.12 of the current TracPipe[®] D&I Specification noting that due to the larger Outside Diameter of TracPipe[®]CC[™], larger clips/supports are required.

How to assemble TracPipe® AutoFlare® fittings to TracPipe®CC™

Fittings are assembled to TracPipe®CC™ in the same way as TracPipe® gas piping and reference needs to be made to Section 7 of the current TracPipe® D&I Specification. Addition requirements for TracPipe®CC™ are detailed below.



ACCESS PULLING CORD: After cutting to the correct length, locate the red pulling cord at the cut end. Using a utility or cable knife cut into the cover (max 25mm) so the cord can be pulled away from the pipe. Using a pair of pliers pull the cord out from the cover and down the length of the pipe for approximately 200mm.



SCORE AROUND CIRCUMFERENCE OF PIPE: Use a utility or cable knife to lightly score around the circumference of the pipe at the end of the cut formed by the pulling cord. **DO NOT FULLY PENETRATE THE OUTER COVER WITH THE KNIFE BLADE**



REMOVE OUTER COVER: Starting at the top of the open cut, gently pull the outer secondary cover away from the internal primary cover. Follow the score around the circumference of the pipe and fully remove the section of outer secondary cover. Closely inspect the internal primary cover to ensure it has not been penetrated adjacent to the outer secondary cover. Cut off any excess cord exposed when the cover has been removed.

Once these steps have been completed, follow the remaining steps from Clause 7.1.2 of the current TracPipe® D&I Specification.

Using TracPipe®CC™ through unventilated voids

When using TracPipe®CC™ through unventilated voids, it is important the secondary outer cover is not damaged during the installation. The secondary outer cover is forming the sleeve required by BS 8313: 1997 *Code of practice for Accommodation of building services in ducts* for when conveying a flammable gas through an unventilated void, such as a horizontal ceiling void or vertical service riser. Practical points to note include;

1. Where TracPipe®CC™ passes through walls or floors it must still be sleeved in accordance with the requirements of Clause 8.7 of the TracPipe® D&I Specification. At the meter box, TracPipe®CC™ should still pass through the sleeve/spigot provided, with the annular space being sealed within the meter box.
2. The entire length of TracPipe®CC™ needs to remain visible during installation so the outer cover can be visually inspected for any damage and repaired as required. Once it has been confirmed the outer cover is intact (or repaired as per 3 below), then it is acceptable to enclose the pipework fully.
3. In case of damage to the TracPipe®CC™ outer cover that would affect its properties as a sleeve (e.g. the secondary outer cover is fully penetrated), repair any damage to the cover using TracPipe® self-amalgamating silicone tape applied with a 55% overlap to a minimum of 50mm either side of the damage. See Section 11 of the TracPipe D&I Specification for additional details. TracPipe® tape part numbers FGP-915-10H-12 (25mm wide) or FGP-915-20H12PO, (50mm wide).
4. TracPipe®CC™ must not be joined or teed in any unventilated space, unless the cross sectional area and volume of the space meet the requirements for nil ventilation as stated in Clause 8.8, Table 3 of TracPipe® Design and Installation Specification and the fittings themselves remain accessible.
5. Only continuous lengths (no joints) of TracPipe®CC™ can be routed within a protected shaft containing a stair and/or lift or other protected fire escape route (see Clause 8.11 of the TracPipe® D&I Specification).

When the installation has been completed, it is recommended that a permanent record be made (such as on any commissioning paperwork) that the TracPipe®CC™ installation has been carried out in accordance with this document and in conjunction with current TracPipe® Design and Installation Specification. This will ensure those inspecting the installation at a later date are aware that the void through which the TracPipe®CC™ is passing does not need to be additionally ventilated.