

The fast and truly versatile system for gas installations

Flexigas



KM 59872 EN 15266



Always innovating

Flexigas[™], designed for domestic and commercial gas installations is the intelligent choice for plumbers who are looking for an efficient, lightweight and flexible alternative to rigid copper or steel. Through constant innovation, Flexigas[™] continues to develop faster, easier and safer solutions for gas installations. Flexigas[™] hold a number a patented and patent pending features, including Flexigas DS[™], FG Link[™], FG Bond[™], and FG Wrap[™].

Flexigas[™] is approved by British Standards under the KiteMark certification scheme and is manufactured in accordance with EN 15266.



The most flexible CSST system in the UK

FIETIOS

Flexigas



Made from a sheet of stainless steel formed into a series of corrugations, Flexigas[™] tubing bends easily by hand while still maintaining the integrity and strength of a steel tube



Flexible Steel Tubing.

The corrugations in the tubing allow for flexibility without sacrificing on strength, compressing together on the inside edge and slightly expanding on the outside edge to easily create any angle required.

Flexible Steel Tubing has been around for some time. It was originally developed in Japan in the 1980's as it is a far safer option in earthquake prone environments allowing the gas installation some flexibility during a seismic event. Due to numerous additional safety features and the fact that installation times can be significantly reduced, corrugated stainless steel tubing systems have since become widespread throughout North America, and more recently in Europe.

Easier, faster and safer: offering a solution for every installation





As Flexigas[™] can be bent by hand and passed through interior spaces easily, it can be installed quickly using long continuous runs of tubing, making installs up to 4x faster than copper or rigid steel.

The patented Flexigas[™] fittings ensure a secure seal in a matter of seconds without the need for any specialist tools. No soldering, sealants or heavy crimping tools are required.

In addition, as Flexigas[™] requires far fewer fittings than traditional methods there are far fewer locations where a gas leak might occur.

Every installation scenario covered. Introducing Flexigas DS™

- ✓ Solid floors
- Solid walls and structural elements of a building
- ✓ Earth or ground / soil
- ✓ Screed
- \checkmark Unventilated voids
- Unventilated risers small annulus means suitable for direct clipping



Flexigas DS[™] is a patent pending, double layered flexible gas piping system consisting of a:

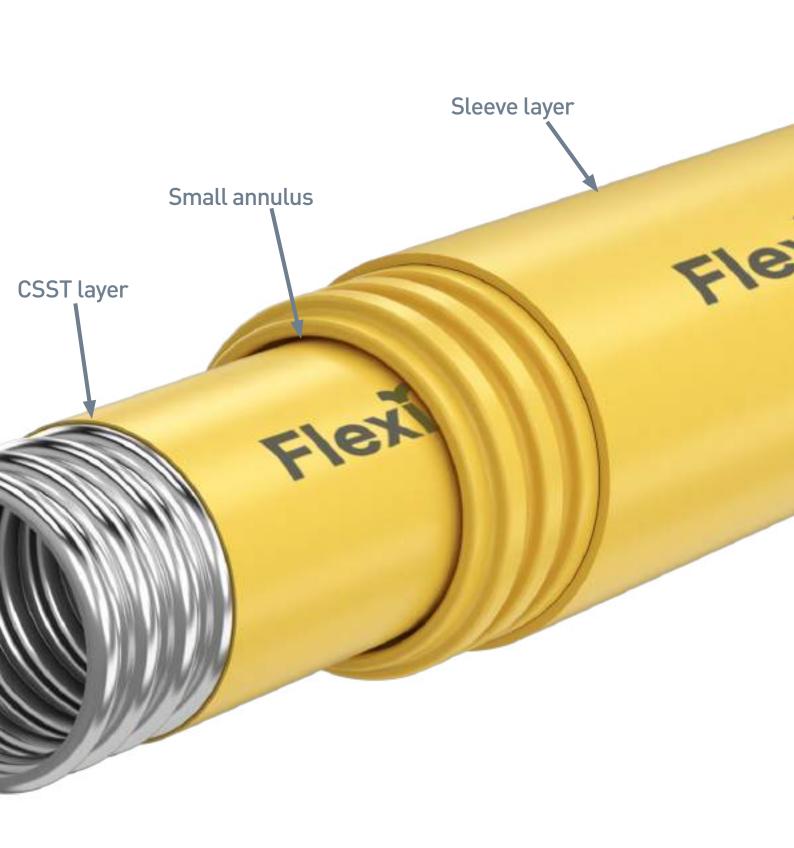
- 1st inner CSST layer (Corrugated Stainless Steel Tubing) plus a yellow polyethylene cover.
- 2nd outer sleeve layer, including V0 fire rated corrugated sleeving, with an exterior polyethylene cover.

The outer sleeve layer is designed specifically to meet the definition of a sleeve according to UK regulations (BS 6891 and IGEM/UP/2, 3 & 7), and is in slidable configuration with the inner CSST layer.

Flexigas DS[™] consists of a very small annulus between the layers, keeping the overall diameter to a minimum, while still allowing the inner CSST to be inserted and withdrawn if necessary.

Flexigas DS[™] can be used to pass through 100% of all installation scenarios, straight out of the box, without adding additional sleeving on site.







Flexigas DS[™] FAQ

What is the definition of a sleeve in UK regulations?

In BS 6891 (Section 3.38) - a protective pipe forming an annulus embedded in the structure through which pipework can be inserted and withdrawn.

In IGEM/UP/2 (Section 5.2.7) - a sleeve is defined as a case (normally tubular) inserted through a void or space in a building for the reception of a gas installation pipe and is impermeable to gas (known as pipe in pipe). Where pipework is required to be enclosed in a sleeve, for example when passing through a wall or unventilated void, the factory applied coating on copper pipe or pliable corrugated stainless-steel tube shall not be considered to fulfil such a purpose.

Is it a requirement to use a pre-sleeved product like Flexigas DS?

No, standard Flexigas[™] can of course be used for all gas installations. However depending on the installation, sleeving may be required to pass through certain sections of the installation, for example, through a solid wall or an unvented area.

What is the advantage of using Flexigas DS™?

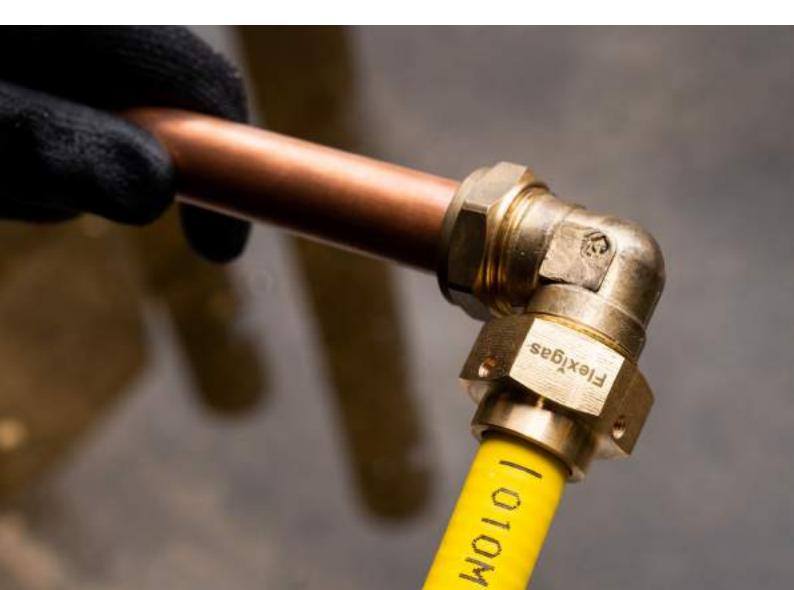
The advantage is that Flexigas DS[™] can be used to pass through 100% of all installation scenarios, straight out of the box, without adding additional sleeving on site. Flexigas DS[™] will save a lot of time on complicated installations, where sleeving is required.

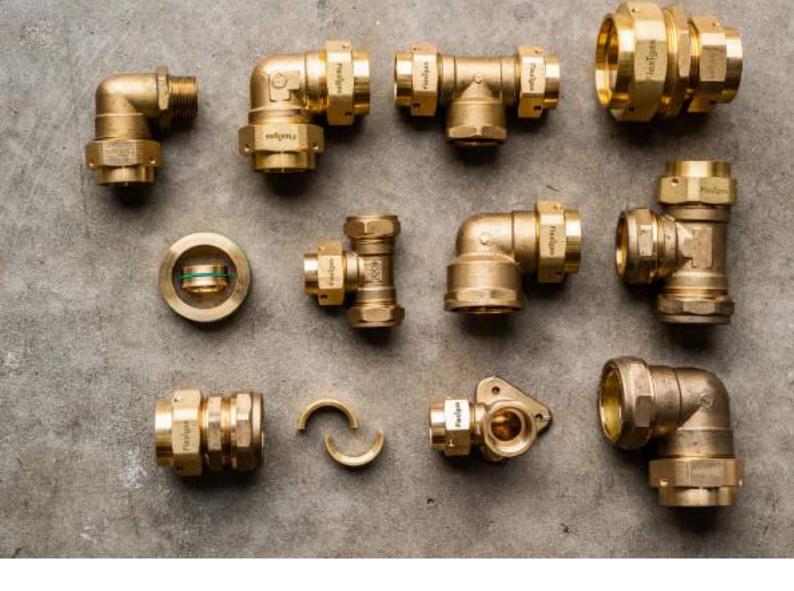
Where can Flexigas DS[™] be used as a sleeve?

Everywhere (subject to BS 6891 and IGEM regulations), including:

- Solid floors
- Solid walls and structural elements of a building
- Earth or ground / soil
- Screed
- Unventilated voids
- Unventilated risers small annulus means suitable for direct clipping

An endless possibility of connections with FGLink[™], the UK's largest range of CSST fittings



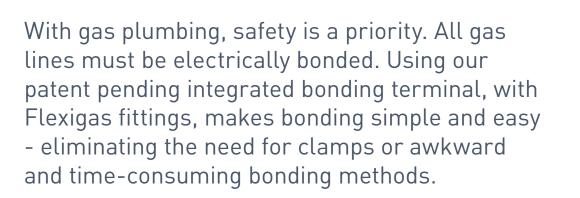


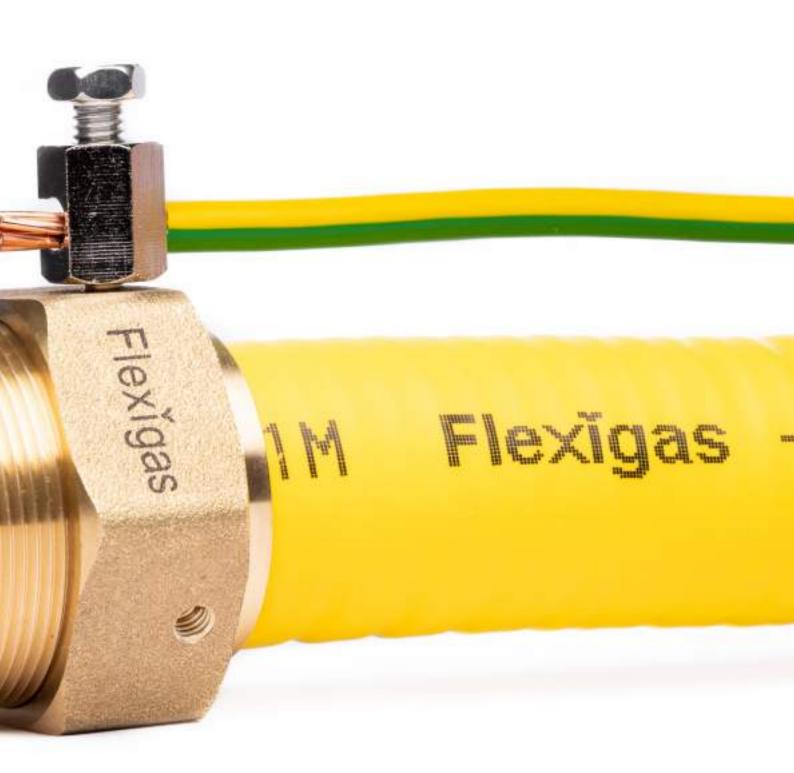
We have partnered with FlowFlex, the UK's largest brass fittings manufacturer, to develop over 150+ fittings. Our huge range of fittings includes more than 55 copper connection fittings and 25+ DN40 fitting types.

The Flexigas[™] and FGLink[™] patented, and patent pending fittings makes Flexigas[™] truly the most versatile gas system on the market. The one-step connection between copper and Flexigas[™] leads to endless possibilities, giving you the best of both worlds.



FG Bond[™] - The first integrated earthing terminal for CSST





The FG Bond ™ integrated bonding terminal is included in our Kitemark from BSI, and has been certified as meeting the relevant tests from BS 951:2009

BS 951 and BS 7671 compliant tag included





Secure metal-metal seal in seconds

Our patented sealing method creates a 100% metal-metal seal in seconds. As the fitting is tightened, the last corrugation of Flexigas[™] tubing is deformed into a flared configuration against the metal seat of the fitting. The sizable and reversible collars are easy to handle and align the Flexigas[™] tubing with the fitting during installation.

Integrated tail for a neater finish

All Flexigas[™] fittings include an integrated tail, providing a neater surface on which silicone tape can be applied.

All Flexigas[™] boxes and spools include 1 x roll of free silicone tape.

FIEXIORS

Sector:

On-demand tubing

Flexigas

The Flexigas[™] spool roller allows 300-400m coils to be easily unrolled on site, allowing for exact measurements and cuts with no wastage. Alternatively, Flexigas[™] is also available in custom lengths for project work.

Installation Guide

The Flexigas[™] system has been designed with safety, simplicity and ease of use as the key components. The following seven steps will guide you how to attach a Flexigas[™] fitting to tube, create a 100% metal seal and finish off the installation with everything being electrically bonded.



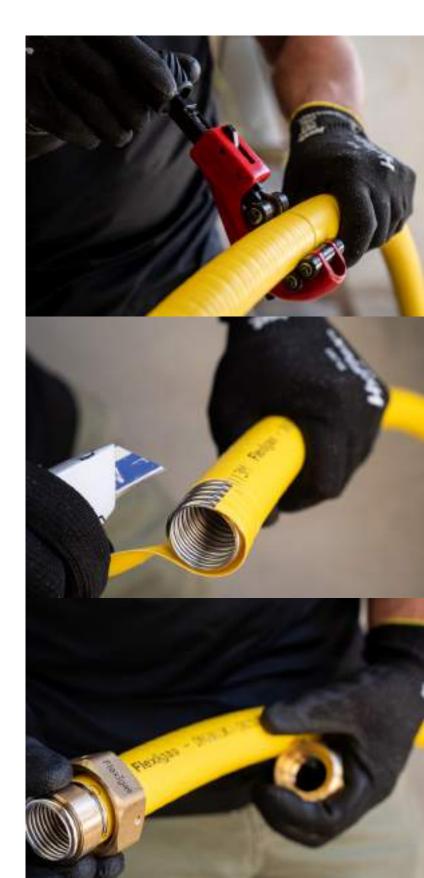
Using a wheel metal pipe cutter, ensure the cut is centred in the valley between corrugations and the cutter is only slightly tightened on each full revolution around the tube. Make sure the cut is clean and circular with no sharp edges.



With a utility knife, safely remove the flame retardant yellow cover so that the last four corrugations are exposed.



Slide the nut over the tubing and then place the two semi-circular collars around the tubing so that the ridges on the collars occupy the last three valleys of the tubing.





Tighten the nut and fitting using two suitably sized wrenches. The seal is formed when the last corrugation deforms around the seat inside the fitting. Use sufficient torque.



After conducting a gas tightness test, wrap the small gap between the "tail" on the nut and tube using yellow silicone tape.



Place the warning notice between earthing terminal and the nut, and then attach the earthing terminal to the nut.



Strip earthing cable to reveal 1-2cm of copper wire. Screw down onto copper wire.



What certifications does Flexigas™ have?

DIOM

Flexig

Flexigas[™] is certified under the British Standards KiteMark certification scheme. The Kitemark is recognised throughout the UK and the world as a mark of a truly quality product. Not only have we tested Flexigas directly with British Standards but as part of the Kitemark scheme our products undergo regular on-going testing and manufacturing locations are audited regularly by British Standards.

Flexigas™ is manufactured in accordance with EN 15266. Additionally Flexigas™ has GAS.BE certification in Belgium.





As part of the BSI Kitemark certification scheme Flexigas[™] has undergone testing under fire conditions and has passed both EN1775 Annex A & B, and can therefore be used in protected areas.

UN28(UK)~DN25(EU)

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Key Features

British Standards KiteMark Certified.

UK's largest CSST fitting range with over 130 fittings, and 25+ DN40 fittings.

Wide range of unique and innovative patented solutions.

Easy integration with copper installations.

Designed for all domestic and commercial gas projects.

Integrated FG Bond[™] earthing terminal to make earth bonding easy.

Can be buried in screed or the ground without additional protection.

Unique tail on fitting means that only a small gap must be silicone taped resulting in a neater finish.

Free silicone tape included with every box and spool.

Metre marking (up to 400m) for easier installation.

No specialist tools required.

Specifically designed for UK market - uses 22mm and 28mm tube diameters.

Custom lengths for project work available. Tube lengths cut in the UK to order.



Flexigas[™] Products

FLEXIGAS CSST





| Description | Code |
|------------------------|----------|
| DN15 Pipe -15 Metres | DN15-15 |
| DN15 Pipe -25 Metres | DN15-25 |
| DN15 Pipe - 50 Metres | DN15-50 |
| DN15 Pipe - 75 Metres | DN15-75 |
| DN22 Pipe - 15 Metres | DN22-15 |
| DN22 Pipe - 25 Metres | DN22-25 |
| DN22 Pipe - 50 Metres | DN22-50 |
| DN22 Pipe - 75 Metres | DN22-75 |
| DN22 Pipe - 100 Metres | DN22-100 |
| DN22 Pipe - 400 Metres | DN22-400 |
| DN28 Pipe - 15 Metres | DN28-15 |
| DN28 Pipe - 25 Metres | DN28-25 |
| DN28 Pipe - 50 Metres | DN28-50 |
| DN28 Pipe - 75 Metres | DN28-75 |
| DN28 Pipe - 100 Metres | DN28-100 |
| DN28 Pipe - 400 Metres | DN28-400 |
| DN32 Pipe - 15 Metres | DN32-15 |
| DN32 Pipe - 25 Metres | DN32-25 |
| DN32 Pipe - 50 Metres | DN32-50 |
| DN32 Pipe - 75 Metres | DN32-75 |
| DN32 Pipe - 90 Metres | DN32-90 |
| DN32 Pipe - 100 Metres | DN32-100 |
| DN32 Pipe - 350 Metres | DN32-350 |
| DN40 Pipe - 15 Metres | DN40-15 |
| DN40 Pipe - 25 Metres | DN40-25 |
| DN40 Pipe - 50 Metres | DN40-50 |
| DN40 Pipe - 75 Metres | DN40-75 |
| DN40 Pipe - 100 Metres | DN40-100 |
| DN40 Pipe - 200 Metres | DN40-200 |
| DN50 Pipe - 15 Metres | DN50-15 |
| DN50 Pipe - 25 Metres | DN50-25 |
| DN50 Pipe - 50 Metres | DN50-50 |
| DN50 Pipe - 75 Metres | DN50-75 |
| DN50 Pipe - 100 Metres | DN50-100 |
| DN50 Pipe - 150 Metres | DN50-150 |

| | FLEXIGAS DS | Description | Code |
|--|-------------------------|----------------------------|-----------|
| - | | DN15 Double Sleeved -25m | DS-15-25 |
| | | DN15 Double Sleeved - 50m | DS-15-50 |
| | | DN15 Double Sleeved - 75m | DS-15-75 |
| al- | | DN22 Double Sleeved - 15m | DS-22-15 |
| A SIGM | Elevidas | DN22 Double Sleeved - 25m | DS-22-25 |
| 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | Flexing | DN22 Double Sleeved - 50m | DS-22-50 |
| | | DN22 Double Sleeved - 75m | DS-22-75 |
| | | DN22 Double Sleeved - 100m | DS-22-100 |
| | | DN28 Double Sleeved - 25m | DS-28-25 |
| BREEDER | A STATE OF A STATE OF A | DN28 Double Sleeved - 50m | DS-28-50 |
| | 1000 | DN28 Double Sleeved - 75m | DS-28-75 |
| a contraction | | DN28 Double Sleeved - 100m | DS-28-100 |
| -5 | | DN32 Double Sleeved - 25m | DS-32-25 |
| — | | DN32 Double Sleeved - 50m | DS-32-50 |
| | and the second | DN32 Double Sleeved - 75m | DS-32-75 |
| | | DN32 Double Sleeved - 100m | DS-32-100 |
| | | DN40 Double Sleeved - 25m | DS-40-25 |
| , | | DN40 Double Sleeved - 50m | DS-40-50 |
| | | DN40 Double Sleeved - 75m | DS-40-75 |
| | | DN40 Double Sleeved - 100m | DS-40-100 |
| | | DN50 Double Sleeved - 25m | DS-50-25 |
| | | DN50 Double Sleeved - 50m | DS-50-50 |

DN50 Double Sleeved - 75m

DN50 Double Sleeved - 100m

ON-SITE SPOOL ROLLING KIT - CODE SPL-01

Allows for the unrolling of 400m /350m lengths. Eliminates wastage on site.



DS-50-75

DS-50-100

Flexigas[™] Products

Flexigas™ Standard Contractor Kits - include a 5, 10 or 15m length of standard Flexigas tube, either 2 x Male or 2 x Copper Connectors, and 1 roll of silicone tape.

| STD CONTRACTOR KITS - CC | Description | Code |
|----------------------------|--|---|
| | DN15 - 5m w/ 2x Copper Unions | CK15-5m-CC |
| | DN15 - 10m w/ 2x Copper Unions | CK15-10m-CC |
| | DN15 - 15m w/ 2x Copper Unions | CK15-15m-CC |
| | DN22 - 5m w/ 2x Copper Unions | CK22-5m-CC |
| Flexigas | DN22 - 10m w/ 2x Copper Unions | CK22-10m-CC |
| | DN22 - 15m w/ 2x Copper Unions | CK22-15m-CC |
| | DN28 - 5m w/ 2x Copper Unions | CK28-5m-CC |
| | DN28 - 10m w/ 2x Copper Unions | CK28-10m-CC |
| E AVEN | DN28 - 15m w/ 2x Copper Unions | CK28-15m-CC |
| 四日 、 | DN32 - 5m w/ 2x Copper Unions | CK32-5m-CC |
| | DN32 - 10m w/ 2x Copper Unions | CK32-10m-CC |
| | DN32 - 15m w/ 2x Copper Unions | CK32-15m-CC |
| | DN40 - 5m w/ 2x Copper Unions | CK40-5m-CC |
| | DN40 - 10m w/ 2x Copper Unions | CK40-10m-CC |
| | DN40 - 15m w/ 2x Copper Unions | CK40-15m-CC |
| | | |
| | | |
| STD CONTRACTOR KITS - MALE | Description | Code |
| STD CONTRACTOR KITS - MALE | Description DN15 - 5m w/ 2x Male fittings | Code CK15-5m-Male |
| STD CONTRACTOR KITS - MALE | • | |
| STD CONTRACTOR KITS - MALE | DN15 - 5m w/ 2x Male fittings | CK15-5m-Male |
| STD CONTRACTOR KITS - MALE | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male |
| STD CONTRACTOR KITS - MALE | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male |
| STD CONTRACTOR KITS - MALE | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male CK28-10m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male CK28-10m-Male CK28-15m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male CK28-10m-Male CK28-15m-Male CK32-5m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings DN32 - 5m w/ 2x Male fittings DN32 - 10m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male CK28-10m-Male CK32-5m-Male CK32-10m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings DN32 - 5m w/ 2x Male fittings DN32 - 5m w/ 2x Male fittings DN32 - 10m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-5m-Male CK28-15m-Male CK32-15m-Male CK32-10m-Male CK32-15m-Male |
| | DN15 - 5m w/ 2x Male fittings DN15 - 10m w/ 2x Male fittings DN15 - 15m w/ 2x Male fittings DN22 - 5m w/ 2x Male fittings DN22 - 10m w/ 2x Male fittings DN22 - 15m w/ 2x Male fittings DN28 - 5m w/ 2x Male fittings DN28 - 10m w/ 2x Male fittings DN28 - 15m w/ 2x Male fittings DN32 - 5m w/ 2x Male fittings DN32 - 10m w/ 2x Male fittings DN32 - 10m w/ 2x Male fittings DN32 - 15m w/ 2x Male fittings DN32 - 15m w/ 2x Male fittings | CK15-5m-Male CK15-10m-Male CK15-15m-Male CK22-5m-Male CK22-10m-Male CK22-15m-Male CK28-10m-Male CK28-10m-Male CK32-5m-Male CK32-10m-Male CK32-10m-Male CK32-15m-Male |

DN50 - 10m w/ 2x Male fittings

DN50 - 15m w/ 2x Male fittings

CK50-10M-Male

CK50-15M-Male

Flexigas DS™ Contractor Kits - Flexigas also offer contractor kits in our DS range, which include a 5, 10 or 15m length of Flexigas DS tube, either 2 x Male or 2 x Copper Connectors, and 1 roll of silicone tape.

DS CONTRACTOR KITS - CC



| Description | Code |
|---------------------------------|----------------|
| DS-15 - 5m w/ 2x Copper Unions | DS-CK15-5m-CC |
| DS-15 - 10m w/ 2x Copper Unions | DS-CK15-10m-CC |
| DS-15 - 15m w/ 2x Copper Unions | DS-CK15-15m-CC |
| DS-22 - 5m w/ 2x Copper Unions | DS-CK22-5m-CC |
| DS-22 - 10m w/ 2x Copper Unions | DS-CK22-10m-CC |
| DS-22 - 15m w/ 2x Copper Unions | DS-CK22-15m-CC |
| DS-28 - 5m w/ 2x Copper Unions | DS-CK28-5m-CC |
| DS-28 - 10m w/ 2x Copper Unions | DS-CK28-10m-CC |
| DS-28 - 15m w/ 2x Copper Unions | DS-CK28-15m-CC |
| DS-32 - 5m w/ 2x Copper Unions | DS-CK32-5m-CC |
| DS-32 - 10m w/ 2x Copper Unions | DS-CK32-10m-CC |
| DS-32 - 15m w/ 2x Copper Unions | DS-CK32-15m-CC |

DS CONTRACTOR KITS - MALE



| Description | Code |
|---------------------------------|------------------|
| DS-15 - 5m w/ 2x Male fittings | DS-CK15-5m-Male |
| DS-15 - 10m w/ 2x Male fittings | DS-CK15-10m-Male |
| DS-15 - 15m w/ 2x Male fittings | DS-CK15-15m-Male |
| DS-22 - 5m w/ 2x Male fittings | DS-CK22-5m-Male |
| DS-22 - 10m w/ 2x Male fittings | DS-CK22-10m-Male |
| DS-22 - 15m w/ 2x Male fittings | DS-CK22-15m-Male |
| DS-28 - 5m w/ 2x Male fittings | DS-CK28-5m-Male |
| DS-28 - 10m w/ 2x Male fittings | DS-CK28-10m-Male |
| DS-28 - 15m w/ 2x Male fittings | DS-CK28-15m-Male |
| DS-32 - 5m w/ 2x Male fittings | DS-CK32-5m-Male |
| DS-32 - 10m w/ 2x Male fittings | DS-CK32-10m-Male |
| DS-32 - 15m w/ 2x Male fittings | DS-CK32-15m-Male |

DS CAPS

Optional Caps to complete your Flexigas DS installation for a neater finish

Code

| Cap-DS-15 | Cap-DS-22 |
|-----------|-----------|
| Cap-DS-28 | Cap-DS-32 |
| Cap-DS-40 | Cap-DS-40 |



Flexigas[™] Products

| MALE | Description | Code |
|--|--------------------------|-----------|
| | DN15 x 1/2" Male BSP | SM 15-12 |
| | DN15 x 3/4" Male BSP | SM 15-34 |
| | DN22 x 3/4" Male BSP | SM 22-34 |
| | DN22 x 1" Male BSP | SM 22-10 |
| A A A A A A A A A A A A A A A A A A A | DN28 x 1" Male BSP | SM 28-10 |
| | DN32 x 1 1/4" Male BSP | SM 32-114 |
| The second secon | DN40 x 1 1/2" Male BSP | SM 40-12 |
| | DN50 x 2" Male BSP | SM 50-20 |
| FEMALE | Description | Code |
| | DN15 x 1/2" Female BSP | SF 15-12 |
| | DN15 x 3/4" Female BSP | SF 15-34 |
| T | DN15 x 1" Female BSP | SF 15-10 |
| | DN22 x 1/2" Female BSP | SF 22-12 |
| | DN22 x 3/4" Female BSP | SF 22-34 |
| | DN22 x 1" Female BSP | SF 22-10 |
| ALL | DN28 x 1" Female BSP | SF 28-10 |
| | DN28 x 1 1/4" Female BSP | SF 28-114 |
| | DN32 x 1 1/4" Female BSP | SF 32-114 |
| | DN32 x 1 1/2" Female BSP | SF 32-112 |
| | DN40 x 2" Female BSP | SF 40-20 |
| UNIONS | Description | Code |
| | DN15 Straight Union | SU 15 |
| | DN22 Straight Union | SU 22 |
| | DN28 Straight Union | SU 28 |
| | DN32 Straight Union | SU 32 |
| | DN40 Straight Union | SU 40 |
| | DN50 Straight Union | SU 50 |
| REDUCING UNION | Description | Code |
| | DN22-15 Reducing Union | SR 22-15 |
| | DN28-15 Reducing Union | SR 28-15 |
| | DN28-22 Reducing Union | SR 28-22 |
| | DN32-22 Reducing Union | SR 32-22 |

DN32-28 Reducing Union

DN40-22 Reducing Union

DN40-32 Reducing Union

SR 32-28

SR 40-22

SR 40-32

COPPER TO FG UNION



| COPPER | TO FG | ELBOWS |
|--------|-------|--------|
|--------|-------|--------|



| Description | Code |
|--------------------------------|----------|
| DN15 x 15mm Copper Compression | CC 15-15 |
| DN15 x 22mm Copper Compression | CC 15-22 |
| DN15 x 28mm Copper Compression | CC 15-28 |
| DN22 x 15mm Copper Compression | CC 22-15 |
| DN22 x 22mm Copper Compression | CC 22-22 |
| DN22 x 28mm Copper Compression | CC 22-28 |
| DN28 x 22mm Copper Compression | CC 28-22 |
| DN28 x 28mm Copper Compression | CC 28-28 |
| DN28 x 35mm Copper Compression | CC 28-35 |
| DN32 x 22mm Copper Compression | CC 32-22 |
| DN32 x 28mm Copper Compression | CC 32-28 |
| DN32 x 35mm Copper Compression | CC 32-35 |
| DN32 x 42mm Copper Compression | CC 32-42 |
| DN40 x 28mm Copper Compression | CC 40-28 |
| DN40 x 35mm Copper Compression | CC 40-35 |
| DN40 x 42mm Copper Compression | CC 40-42 |
| DN40 x 54mm Copper Compression | CC 40-54 |

| Description | Code |
|--------------------------|-----------|
| DN15 x 15mm Copper Elbow | ECC 15-15 |
| DN15 x 22mm Copper Elbow | ECC 15-22 |
| DN15 x 28mm Copper Elbow | ECC 15-28 |
| DN22 x 15mm Copper Elbow | ECC 22-15 |
| DN22 x 22mm Copper Elbow | ECC 22-22 |
| DN22 x 28mm Copper Elbow | ECC 22-28 |
| DN28 x 22mm Copper Elbow | ECC 28-22 |
| DN28 x 28mm Copper Elbow | ECC 28-28 |
| DN28 x 35mm Copper Elbow | ECC 28-35 |
| DN32 x 28mm Copper Elbow | ECC 32-28 |
| DN32 x 35mm Copper Elbow | ECC 32-35 |
| DN32 x 42mm Copper Elbow | ECC 32-42 |
| DN40 x 35mm Copper Elbow | ECC 40-35 |
| DN40 x 42mm Copper Elbow | ECC 40-42 |
| DN40 x 54mm Copper Elbow | ECC 40-54 |

FG BOND™ - CODE EB-01 Patented 1 step earthing terminal



Flexigas[™] Products

ELBOWS



| Description | Code |
|-------------|-------|
| Elbow DN15 | EE 15 |
| Elbow DN22 | EE 22 |
| Elbow DN28 | EE 28 |
| Elbow DN32 | EE 32 |
| Elbow DN40 | EE 40 |

| MALE | ELB | OWS |
|------|-----|------------|
|------|-----|------------|

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| Description | Code |
|----------------------------|----------|
| DN22 x 3/4" Male BSP Elbow | EM 22-34 |

| FEMALE ELBOWS | Description | Code |
|---------------|--------------------------------|-----------|
| | DN15 x 1/2" Female BSP Elbow | EF 15-12 |
| | DN15 x 3/4" Female BSP Elbow | EF 15-34 |
| | DN22 x 3/4" Female BSP Elbow | EF 22-34 |
| All A A | DN22 x 1" Female BSP Elbow | EF 22-10 |
| | DN28 x 1 1/4" Female BSP Elbow | EF 28-114 |
| | DN32 x 1 1/2" Female BSP Elbow | EF 32-112 |
| | DN40 x 2" Female BSP | EF 40-20 |

| WINGED FEMALE ELBOWS | Description | Code |
|----------------------|------------------------|-----------|
| | DN15 x 1/2" Female BSP | EFW 15-12 |
| | DN15 x 3/4" Female BSP | EFW 15-34 |

| EQUAL TEES | Description | Code |
|------------|----------------|-------|
| | DN15 Equal Tee | TT 15 |
| Thelps: | DN22 Equal Tee | TT 22 |
| | DN28 Equal Tee | TT 28 |
| | DN32 Equal Tee | TT 32 |
| | DN40 Equal Tee | TT 40 |

| FEMALE TEES | Description | Code |
|-------------|--------------------------------|----------|
| | DN15 x 1/2" Female Adapter Tee | TF 15-12 |
| | DN22 x 3/4" Female Adapter Tee | TF 22-34 |

| TEES | Description | Code |
|------|---------------------------------|-------------|
| | DN22 x DN15 x DN15 Reducing Tee | TR 22-15-15 |
| | DN22 x DN22 x DN15 Reducing Tee | TR 22-22-15 |
| | DN22 x DN15 x DN22 Reducing Tee | TR 22-15-22 |
| | DN28 x DN28 x DN22 Reducing Tee | TR 28-28-22 |
| | DN28 x DN28 x DN15 Reducing Tee | TR 28-28-15 |
| | DN32 x DN32 x DN28 Reducing Tee | TR 32-32-28 |
| | DN32 x DN32 x DN22 Reducing Tee | TR 32-32-22 |
| | DN40 x DN40 x DN32 Reducing Tee | TR 40-40-32 |
| | DN40 x DN40 x DN28 Reducing Tee | TR 40-40-28 |

COPPER / FLEXIGAS TEE - TYPE 1 Description (FLEXIGAS FEED + 2 X COPPER)

REDUCING



| Flexigas DN15 x Copper 15 x Copper 15 | FG15-CC15-CC15 |
|---------------------------------------|----------------|
| Flexigas DN15 x Copper 15 x Copper 22 | FG15-CC15-CC22 |
| Flexigas DN15 x Copper 22 x Copper 15 | FG15-CC22-CC15 |
| Flexigas DN15 x Copper 22 x Copper 22 | FG15-CC22-CC22 |
| Flexigas DN15 x Copper 22 x Copper 28 | FG15-CC22-CC28 |
| Flexigas DN22 x Copper 15 x Copper 28 | FG22-CC15-CC28 |
| Flexigas DN22 x Copper 22 x Copper 22 | FG22-CC22-CC22 |
| Flexigas DN22 x Copper 22 x Copper 28 | FG22-CC22-CC28 |
| Flexigas DN22 x Copper 28 x Copper 15 | FG22-CC28-CC15 |
| Flexigas DN22 x Copper 28 x Copper 22 | FG22-CC28-CC22 |
| Flexigas DN22 x Copper 28 x Copper 28 | FG22-CC28-CC28 |
| Flexigas DN28 x Copper 35 x Copper 15 | FG28-CC35-CC15 |
| Flexigas DN28 x Copper 35 x Copper 22 | FG28-CC35-CC22 |
| Flexigas DN28 x Copper 35 x Copper 28 | FG28-CC35-CC28 |
| Flexigas DN28 x Copper 35 x Copper 35 | FG28-CC35-CC35 |
| Flexigas DN32 x Copper 42 x Copper 15 | FG32-CC42-CC15 |
| Flexigas DN32 x Copper 42 x Copper 22 | FG32-CC42-CC22 |
| Flexigas DN32 x Copper 42 x Copper 28 | FG32-CC42-CC28 |
| Flexigas DN32 x Copper 42 x Copper 35 | FG32-CC42-CC35 |
| Flexigas DN32 x Copper 42 x Copper 42 | FG32-CC42-CC42 |
| Flexigas DN40 x Copper 54 x Copper 15 | FG40-CC54-CC15 |
| Flexigas DN40 x Copper 54 x Copper 22 | FG40-CC54-CC22 |
| Flexigas DN40 x Copper 54 x Copper 28 | FG40-CC54-CC28 |
| Flexigas DN40 x Copper 54 x Copper 35 | FG40-CC54-CC35 |
| Flexigas DN40 x Copper 54 x Copper 42 | FG40-CC54-CC42 |
| Flexigas DN40 x Copper 54 x Copper 54 | FG40-CC54-CC54 |

Code

Flexigas[™] Products

COPPER / FLEXIGAS TEE - TYPE 2 (COPPER FEED + 2 X FLEXIGAS)



| Description | Code |
|-------------------------------|----------------|
| Copper 22 x FG DN15 x FG DN15 | CC22-FG15-FG15 |
| Copper 22 x FG DN15 x FG DN22 | CC22-FG15-FG22 |
| Copper 28 x FG DN15 x FG DN15 | CC28-FG15-FG15 |
| Copper 28 x FG DN15 x FG DN22 | CC28-FG15-FG22 |
| Copper 28 x FG DN22 x FG DN15 | CC28-FG22-FG15 |
| Copper 28 x FG DN22 x FG DN22 | CC28-FG22-FG22 |
| Copper 35 x FG DN28 x FG DN15 | CC35-FG28-FG15 |
| Copper 35 x FG DN28 x FG DN22 | CC35-FG28-FG22 |
| Copper 35 x FG DN28 x FG DN28 | CC35-FG28-FG28 |
| Copper 42 x FG DN32 x FG DN15 | CC42-FG32-FG15 |
| Copper 42 x FG DN32 x FG DN22 | CC42-FG32-FG22 |
| Copper 42 x FG DN32 x FG DN28 | CC42-FG32-FG28 |
| Copper 42 x FG DN32 x FG DN32 | CC42-FG32-FG32 |
| Copper 54 x FG DN40 x FG DN15 | CC54-FG40-FG15 |
| Copper 54 x FG DN40 x FG DN22 | CC54-FG40-FG22 |
| Copper 54 x FG DN40 x FG DN28 | CC54-FG40-FG28 |
| Copper 54 x FG DN40 x FG DN32 | CC54-FG40-FG32 |
| Copper 54 x FG DN40 x FG DN40 | CC54-FG40-FG40 |

COPPER / FLEXIGAS TEE - TYPE 3 Description (FLEXIGAS FEED / END, COPPER MIDDLE BRANCH)

Code



| FG DN15 x FG DN15 x Copper 15 | FG15-FG15-CC15 |
|-------------------------------|----------------|
| FG DN15 x FG DN15 x Copper 22 | FG15-FG15-CC22 |
| FG DN15 x FG DN15 x Copper 28 | FG15-FG15-CC28 |
| FG DN22 x FG DN15 x Copper 22 | FG22-FG15-CC22 |
| FG DN22 x FG DN15 x Copper 28 | FG22-FG15-CC28 |
| FG DN22 x FG DN22 x Copper 15 | FG22-FG22-CC15 |
| FG DN22 x FG DN22 x Copper 22 | FG22-FG22-CC22 |
| FG DN22 x FG DN22 x Copper 28 | FG22-FG22-CC28 |
| FG DN28 x FG DN28 x Copper 15 | FG28-FG28-CC15 |
| FG DN28 x FG DN28 x Copper 22 | FG28-FG28-CC22 |
| FG DN28 x FG DN28 x Copper 28 | FG28-FG28-CC28 |
| FG DN28 x FG DN28 x Copper 35 | FG28-FG28-CC35 |
| FG DN32 x FG DN32 x Copper 15 | FG32-FG32-CC15 |
| FG DN32 x FG DN32 x Copper 22 | FG32-FG32-CC22 |
| FG DN32 x FG DN32 x Copper 28 | FG32-FG32-CC28 |
| FG DN32 x FG DN32 x Copper 35 | FG32-FG32-CC35 |
| FG DN32 x FG DN32 x Copper 42 | FG32-FG32-CC42 |
| FG DN40 x FG DN40 x Copper 15 | FG40-FG40-CC15 |
| FG DN40 x FG DN40 x Copper 22 | FG40-FG40-CC22 |
| FG DN40 x FG DN40 x Copper 28 | FG40-FG40-CC28 |
| FG DN40 x FG DN40 x Copper 35 | FG40-FG40-CC35 |
| FG DN40 x FG DN40 x Copper 42 | FG40-FG40-CC42 |
| FG DN40 x FG DN40 x Copper 54 | FG40-FG40-CC54 |
| | |

COPPER / FLEXIGAS TEE - TYPE 4 Description (COPPER FEED / END, FLEXIGAS MIDDLE BRANCH)



Code

| Copper 22 x Copper 22 x FG DN15 | CC22-CC22-FG15 |
|---------------------------------|----------------|
| Copper 28 x Copper 28 x FG DN22 | CC28-CC28-FG22 |
| Copper 35 x Copper 35 x FG DN28 | CC35-CC35-FG28 |
| Copper 42 x Copper 42 x FG DN32 | CC42-CC42-FG32 |
| Copper 54 x Copper 54 x FG DN42 | CC54-CC54-FG42 |
| Copper 28 x Copper 28 x FG DN15 | CC28-CC28-FG15 |
| Copper 35 x Copper 35 x FG DN15 | CC35-CC35-FG15 |
| Copper 35 x Copper 35 x FG DN22 | CC35-CC35-FG22 |
| Copper 42 x Copper 42 x FG DN15 | CC42-CC42-FG15 |
| Copper 42 x Copper 42 x FG DN22 | CC42-CC42-FG22 |
| Copper 42 x Copper 42 x FG DN28 | CC42-CC42-FG28 |
| Copper 54 x Copper 54 x FG DN15 | CC54-CC54-FG15 |
| Copper 54 x Copper 54 x FG DN22 | CC54-CC54-FG22 |
| Copper 54 x Copper 54 x FG DN28 | CC54-CC54-FG28 |
| Copper 54 x Copper 54 x FG DN32 | CC54-CC54-FG32 |
| Copper 22 x Copper 15 x FG DN15 | CC22-CC15-FG15 |
| Copper 28 x Copper 15 x FG DN22 | CC28-CC15-FG22 |
| Copper 28 x Copper 22 x FG DN22 | CC28-CC22-FG22 |
| Copper 22 x Copper 22 x FG DN22 | CC22-CC22-FG22 |
| | |

EXTRA SILICONE TAPE



| Description | Code | |
|---|--------|--|
| 2m x 25mm Silicone Tape | STP-01 | |
| 11m x 25mm Silicone Tape | STP-02 | |
| *Flexigas include 1x roll of 2m tape FREE in every box and spool | | |

CSST CUTTERS



| Description | Code |
|----------------------------|-------|
| CSST Tubing Cutter DN15-32 | TC-01 |
| CSST Tubing Cutter DN32-50 | TC-02 |

FG WRAP™

Optional Patent Pending replacement for silicone tape

Code

WRAP-15 WRAP-22 WRAP-28 WRAP-32





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