



# Gastite<sup>®</sup>

The System is the Solution<sup>™</sup>

**PRODUCT CATALOGUE 2019/20**

# An approved choice...

Meeting relevant standards, **Gastite**<sup>®</sup>s corrugated stainless steel tubing (CSST) system can be used for the installation of natural gas and LPG and is an effective and efficient alternative to traditional piping methods, such as copper and steel.

**Approved under BS EN 15266** for corrugated pipework up to DN50 with a maximum working pressure of 500mbar, **Gastite**<sup>®</sup> is a safe, economical and efficient way to install gas piping.

Suitable for installation within a wide range of construction projects, from new build developments to commercial and industrial builds, **Gastite**<sup>®</sup> CSST is suitable for use with 1st, 2nd and 3rd family gases.



**Did you know that**  
**Gastite CSST**  
is available  
in reel lengths  
from 30M to 90M,  
depending on  
pipe size required?



# Why choose Gastite®?

Designed to be **cost effective** and offer **superior flexibility** as well as **ease of installation**, **Gastite®** systems are the perfect choice for projects both large and small.

The professional's choice, key features and benefits include:

- Annealed for **superior flexibility**, **Gastite®** installs **30 – 70% faster** than traditional piping methods.
- **Pre-marked by the metre**, there's no measuring, rigid pipe cutting or threading; meaning **less waste** and **fewer fittings**.
- **Gastite®** CSST is suitable for both **internal** and **external installation** allowing for direct burial.
- **75% fewer fittings** in the average installation means a **safer system** with **less leak potential** and **reduced call backs**.
- Lightweight, 75 metres of DN15 weighs in at less than 20 kilos, (approx.), making it **easy to handle** and transport.
- Jacket engineered for thermal and UV resistance, making it **suitable for outdoor use**.
- Only **simple hand tools** such as a tubing cutter, wrenches and utility knife are required for installation.
- Supplied in one **continuous length**, **Gastite®** CSST can easily be routed through even complex structures.
- **No hot works** are required, meaning a quicker and safer installation.
- **Gastite®** systems **connect direct** to the meter box and appliances.
- XR2™ fittings **eliminate exposed steel** beyond the nut thanks to the Jacket-Lock® fitting.
- **Robust** CSST with a minimum tubing wall thickness of .010.



For **technical advice** and **support** on your next project, call the team on

**01509  
508939**

or email

**info@gastite.co.uk**



# The **Gastite** difference...

It's not just our **innovative products** that set us apart from our competitors, it's the care and attention that we offer our customers through our **unrivalled customer service** and **technical support**.

From our Leicestershire head office, we process, assemble and distribute every order and our friendly team is on hand to offer advice on sizing, installation and for technical support.

For technical support and advice on your next gas installation project call **01509 508939** or email **info@gastite.co.uk**.



## Where to buy...

Available exclusively through merchants, our product range includes CSST in a range of sizes and lengths, high-performance fittings, sleeving and accessories to help make installation even easier.

To benefit from the time and cost savings that choosing **Gastite**® brings, simply ask for **Gastite**® by name at your local plumbing & heating supplier.

Alternatively, visit **www.gastite.co.uk** and use our 'find a stockist' feature to find your nearest **Gastite**® stocked merchant.



Are you a merchant not yet stocking **Gastite**? Visit **www.gastite.co.uk** to find out how to become a **Gastite** stockist or call **01509 508939**

# Support when you need it...

While our friendly team are just a phone call away, we appreciate there are times when you want instant information. Which is why we've developed the **Gastite®** Sizing APP.

Available to **download free** from the App Store and Google Play, the easy to use APP puts you in control, no matter when, or where, you are.

**Within the APP you will find:**

- **Easy to use sizing guide** to find the size of CSST your project requires.
- Answers to our most **frequently asked questions**.
- Access to our comprehensive **Design & Installation Guide**.



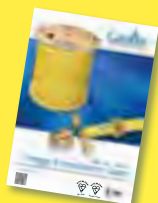
## Design & Installation Guide

Available for free download via our APP or by visiting **www.gastite.co.uk**, our Design & Installation Guide is a comprehensive guide to planning, sizing and installing **Gastite®** CSST and fittings.

**Along with full descriptions of the system and the system components, the guide also includes:**

- Planning and sizing information.
- Guide to equivalent tubing lengths.
- Safety precautions.
- Installation best practice.
- Cutting and fitting assembly.
- Testing and purging.
- Warranty information.

Prefer a hard copy?  
Email **info@gastite.co.uk**  
to request one.



**www.gastite.co.uk**  
is packed with product  
information and useful  
resources, as well as our  
online Certified Installer  
training programme.  
**Check it out today!**



# Gastite® - the complete solution...

We offer a wide range of CSST, fittings and accessories suitable for use on projects both large and small. For help and advice choosing the right size CSST for your next project, contact our friendly team who will be happy to help.

## CORRUGATED STAINLESS STEEL TUBING (CSST)

Flexible and durable, with Gastite® CSST routing through even complex structures is made easy. Annealed for flexibility, for added convenience each length is pre-marked by the metre, allowing for easy measuring and installation.

Gastite® CSST also offers a minimum tubing wall thickness of .010; making it more robust than other CSST brands.

### Application:

For the supply of natural gas or liquefied petroleum gas to appliances.

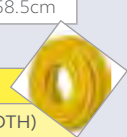
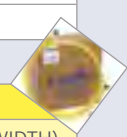
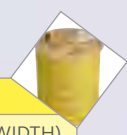
### Material/specifications:

Tubing: stainless steel 1.4306-304L 10.0  
Jacket: UV resistant polyethylene

CORRUGATED STAINLESS STEEL TUBING (CSST)				
PART NO.	DESCRIPTION	PKG. QTY	KG./REEL	REEL SIZE (DIA X WIDTH)
CSST-EU-DN15-30M	DN15 - CSST - Flexible Gas Piping	30M/Coil	8.8	50cm x 33cm
CSST-EU-DN15-75M	DN15 - CSST - Flexible Gas Piping	75M/Coil	18.3	50cm x 33cm
CSST-EU-DN20-30M	DN20 - CSST - Flexible Gas Piping	30M/Coil	10.6	50cm x 33cm
CSST-EU-DN20-75M	DN20 - CSST - Flexible Gas Piping	75M/Coil	23.9	55cm x 55cm
CSST-EU-DN25-30M	DN25 - CSST - Flexible Gas Piping	30M/Coil	15.4	55cm x 55cm
CSST-EU-DN25-45M	DN25 - CSST - Flexible Gas Piping	45M/Coil	20.9	55cm x 55cm
CSST-EU-DN25-75M	DN25 - CSST - Flexible Gas Piping	75M/Coil	31.2	65cm x 69cm
CSST-EU-DN25-90M	DN25 - CSST - Flexible Gas Piping	90M/Coil	38.1	65cm x 69cm
CSST-EU-DN32-45M	DN32 - CSST - Flexible Gas Piping	45M/Coil	28.3	65cm x 69cm
CSST-EU-DN32-75M	DN32 - CSST - Flexible Gas Piping	75M/Coil	43.7	65cm x 69cm
CSST-EU-DN32-90M	DN32 - CSST - Flexible Gas Piping	90M/Coil	51.6	65cm x 69cm
CSST-EU-DN40-45M	DN40 - CSST - Flexible Gas Piping	45M/Coil	33.8	65cm x 69cm
CSST-EU-DN40-75M	DN40 - CSST - Flexible Gas Piping	75M/Coil	56.8	80cm x 65cm
CSST-EU-DN50-45M	DN50 - CSST - Flexible Gas Piping	45M/Coil	48.9	80cm x 65cm

CONTRACTOR KIT (INCLUDES LENGTH OF CSST, TWO MALE FITTINGS, AND INSTRUCTION SHEET)				
PART NO.	DESCRIPTION	PKG. QTY.	KG/BOX	BOX SIZE (DIA X WIDTH)
CSST-KITEU-DN20-5M	DN20 x 5M, 2 Male DN20 Fittings	5M	2.4	52cm x 14cm x 52cm
CSST-KITEU-DN20-10M	DN20 x 10M, 2 Male DN20 Fittings	10M	3.0	52cm x 14cm x 52cm
CSST-KITEU-DN20-15M	DN20 x 15M, 2 Male DN20 Fittings	15M	4.1	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN25-5M	DN25 x 5M, 2 Male DN25 Fittings	5M	3.0	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN25-10M	DN25 x 10M, 2 Male DN25 Fittings	10M	4.9	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN25-15M	DN25 x 15M, 2 Male DN25 Fittings	15M	6.6	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN32-5M	DN32 x 5M, 2 Male DN32 Fittings	5M	4.0	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN32-10M	DN32 x 10M, 2 Male DN32 Fittings	10M	6.2	58.5cm x 22cm x 58.5cm
CSST-KITEU-DN32-15M	DN32 x 15M, 2 Male DN32 Fittings	15M	8.5	58.5cm x 22cm x 58.5cm

SLEEVING				
PART NO.	DESCRIPTION	PKG.QTY.	KG/BOX	SIZE (DIA X WIDTH)
GTDUCT-DN2025-50M	50mm Corrugated Flexible Sleeve Ø 45mm	50M	7.5	88cm x 26cm
GTDUCT-DN3240-50M	63mm Corrugated Flexible Sleeve Ø 58mm	50M	11.0	97cm x 30cm



Gastite CSST meets relevant standards for natural gas and LPG installations.



BS EN 15266

Ask for Gastite by name!

# A system you can trust...

## XR2™ SERIES FITTINGS

Designed exclusively for use with **Gastite® CSST**, our high-performance fittings have a toolless flare design with no special tools required for installation. The patented Jacket-Lock® fitting eliminates exposed steel beyond the nut and the self-guiding assembly ensures a perfectly even flare. All components are reusable. See below for the complete range of fittings available.

### Application:

- Straight fittings connect the flexible gas piping to the gas supply, distribution manifolds or gas appliances.
- Copper compression fittings connect the flexible gas pipe directly to copper pipework.
- Tee fittings create a branch line on tubing runs.
- Couplings allow for the splicing of, and additions to, the flexible gas piping.

### Material/specifications:

Fitting adapter, bushings and nut – all brass.

#### XR2™ SERIES STRAIGHT MALE FITTING (ADAPTER/NUT/BUSHING)

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
XR2-MEU-DN15	DN15 - 1/2" Male BSPT	1	.14
XR2-MEU-DN20	DN20 - 3/4" Male BSPT	1	.19
XR2-MEU-DN25	DN25 - 1" Male BSPT	1	.29
XR2-MEU-DN32	DN32 - 1-1/4" Male BSPT	1	.42
XR2-MEU-DN40	DN40 - 1-1/2" Male BSPT	1	.65
XR2-MEU-DN50	DN50 - 2" Male BSPT	1	1.08



#### XR2™ SERIES TEE FITTING

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
XR2-TEU-DN15	DN15 - Tee Fitting	1	.41
XR2-TEU-DN20	DN20 - Tee Fitting	1	.63
XR2-TEU-DN25	DN25 - Tee Fitting	1	1.02
XR2-TEU-DN20-15-15	DN20 X DN15 X DN15 - Tee Fitting	1	.55
XR2-TEU-DN20-20-15	DN20 X DN20 X DN15 - Tee Fitting	1	.57
XR2-TEU-DN25-20-15	DN25 X DN20 X DN15 - Tee Fitting	1	.72
XR2-TEU-DN25-20-20	DN25 X DN20 X DN20 - Tee Fitting	1	.88
XR2-TEU-DN25-25-15	DN25 X DN25 X DN15 - Tee Fitting	1	.8
XR2-TEU-DN25-25-20	DN25 X DN25 X DN20 - Tee Fitting	1	.9



#### XR2™ SERIES STRAIGHT FEMALE FITTING (ADAPTER/NUT/BUSHING)

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
XR2-FEU-DN15	DN15 - 1/2" Female BSPT	1	.14
XR2-FEU-DN20	DN20 - 3/4" Female BSPT	1	.2
XR2-FEU-DN20-15P	DN20 - 1/2" Female BSPT	1	.22



#### COPPER COMPRESSION FITTING

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
XR2-CCEU-DN15X15	DN15 x 15 Copper Compression Fitting	1	.14
XR2-CCEU-DN20X15	DN20 x 15 Copper Compression Fitting	1	.20
XR2-CCEU-DN20X22	DN20 x 22 Copper Compression Fitting	1	.22
XR2-CCEU-DN25X22	DN25 x 22 Copper Compression Fitting	1	.32
XR2-CCEU-DN25X28	DN25 x 28 Copper Compression Fitting	1	.33
XR2-CCEU-DN32X22	DN32 x 22 Copper Compression Fitting	1	.39
XR2-CCEU-DN32X35	DN32 x 35 Copper Compression Fitting	1	.42



#### XR2™ SERIES COUPLING

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
XR2-CEU-DN15	DN15 - Coupling	1	.22
XR2-CEU-DN20	DN20 - Coupling	1	.32
XR2-CEU-DN25	DN25 - Coupling	1	.5
XR2-CEU-DN32	DN32 - Coupling	1	.59
XR2-CEU-DN40	DN40 - Coupling	1	.9
XR2-CEU-DN50	DN50 - Coupling	1	1.8



#### GASTITE® ACCESSORIES

PART NO.	DESCRIPTION	PKG. QTY	KG (EA)
GTCUTTER-SM	Cutter with flat rollers - 3/8" - 1" (.95cm - 2.54cm)	1	.7
GTCUTTER-LG	Cutter with flat rollers - Up to 2" (5.08cm)	1	.9
GTBLADE-SM	Replacement blade for GTCUTTER-SM	1	.02
GTBLADE-LG	Replacement blade for GTCUTTER-LG	1	.04
GT-TAPE	10M (approx.) self amalgamating jacket repair tape	1	.13
GT-KNIFE	Utility knife	1	.20



# The professional's choice...

Our products and fittings have been designed with the professional in mind. Offering **ease of installation**, **impressive flexibility** and **pre-marked by the metre**, **Gastite®** is easy to work with, helping you get the job done, **quickly, efficiently and safely**.

We have a range of **technical support** options that can be easily accessed when you need them most. From our friendly and **knowledgeable sales team**, who are just a phone call away, to our **free to download sizing APP** and comprehensive **Design & Installation Guide**, the help you need is just a call or tap away.




## Training options...

While easy to work with, undertaking training in how to use **Gastite®** systems will ensure you fully **maximise** the **efficiency** and **cost-effectiveness** the system offers.

We offer the option of **FREE onsite** or **online training**, both of which can be taken at a time and place of your convenience. Whether you choose to train onsite or via our online programme, our course offers in-depth training to ensure you get the most from our products.

### Topics covered within training sessions include:

- Where **Gastite®** can be used i.e. internal and external applications.
- How to terminate a **Gastite®** pipe.
- Interactive demonstrations (onsite training).
- In-depth look at  fittings.
- Tools required for efficient installation.

Following successful completion, training delegates will receive a Certified Installer card.



For more information, or to arrange a training session, contact **[info@gastite.co.uk](mailto:info@gastite.co.uk)**

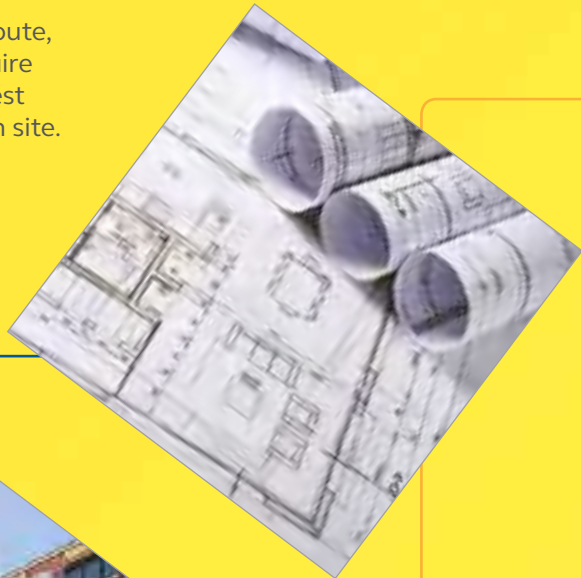


# Need help sizing your project?

Whether it is **residential, commercial, new build, industrial** or **retro-fit**, whatever the type of project you are working on, our in-house team of installation specialists are on hand to help.

Working with you from your drawings and plans, our team will help you plan the best installation route, the length, and size, of CSST your project will require as well as identify any potential issues and how best to overcome them – saving you time and hassle on site.

And if it is a site visit you require, one of our technical sales managers will be happy to visit, offering additional support.



For more details  
on our **FREE**  
sizing service, call  
**01509 508939**  
or visit  
**www.gastite.co.uk**



## Continued support...

We have a wide range  
of resources available, call

**01509 508939**

email

**info@gastite.co.uk**

or visit the resources section of

**www.gastite.co.uk**

# Frequently asked questions...

Check out some of the more frequently asked questions about **Gastite®** products.

**I'm Gas Safe Registered, can I buy from you direct?**

Our products are available exclusively through merchants. Ask at your local supplier for Gastite® by name.

**Can Gastite® CSST be buried?**

Yes, it can. Gastite® CSST is suitable for both internal and external installation allowing for direct burial. The manufacturer's instructions must be adhered to, visit [www.gastite.co.uk](http://www.gastite.co.uk) and download the Design & Installation Guide for full details.

**Can Gastite® fittings be buried?**

Our fittings must only be installed in an accessible and ventilated area and as such must not be buried.

**Can I use your fittings with another supplier's CSST?**

Our innovative fittings have been designed to work exclusively with Gastite® CSST. Offering ease of installation, they require no special tools to install and the patented Jacket-Lock® fitting eliminates exposed steel.

**Are specialist tools/equipment required to install Gastite®?**

No! In fact, Gastite® CSST can be installed with just simple hand tools such as a tubing cutter, wrenches and utility knife and because the patented Jacket-Lock® fitting eliminates exposed stainless steel, it ensures that all cuts look neat and tidy.

**Can jointing paste be used to terminate a Gastite® fitting?**

No, jointing paste must not be used in, or on, the interior portion of the Gastite® fitting. If you require further guidance, email [info@gastite.co.uk](mailto:info@gastite.co.uk).

**Can Gastite® be used in combination with copper and steel?**

It can. The male thread can be used as the connecting interface to copper or steel.

**Can I use any bubble solution to check for a leak?**

No. Using leak detection solutions which contain chloride compounds, often found in common soaps such as dishwashing solutions, can corrode Gastite® CSST and should not be used. When choosing a leak detection solution to use with Gastite® CSST it should have a sulphur chlorine and halogen content of less than 10ppm.

**Does it matter which pipe sizing table I use?**

Yes, it does – only the Gastite® sizing table should be used. You can find the sizing table in our Design & Installation Guide which is available via [www.gastite.co.uk](http://www.gastite.co.uk) or through our FREE to download APP available on the App Store or Google Play.

**What about projects with long runs – are longer lengths available?**

Yes, for large and multi-family projects, custom lengths are available, call **01509 508939** to discuss your project



For further advice and guidance, speak to your local merchant or call the team on

**01509  
508939**



# A step-by-step guide to cutting and terminating Gastite pipe.



**Tools required:** Cutter designed to cut stainless steel  
Utility knife  
Wrenches

1



## STEP 1: Cut to length

Using a cutter designed to cut stainless steel, cut the CSST to the desired length by placing the cutter's rollers between two of the pipe's corrugations. Using light pressure, rotate the cutter in one direction to create a neat cut. To ensure a quality flare, all cuts should be made on a straight section of tubing.

2



## STEP 2: Strip the cover

Using a utility knife, strip the cover back to the second corrugation. Remove the cut section.

**Caution:** The cut tube end may be sharp.

3



## STEP 3: Fit the fitting

Thread the fitting body into the appliance. Slide the nut over the tubing. Separate the bushing and position, as shown in image 3, into the valley of the first corrugation. This will leave one corrugation top exposed between the end of the bushing and tubing. The bushings will now be able to capture the jacket for a contaminant resistant seal.

*Note: The cover locking feature of the Jacket-Lock® fitting is not required to produce a gas tight seal between the fitting and the tubing. Sealing compound or paste must not be used inside the fitting prior to assembly.*

4



## STEP 4: Position the bushings

Insert the bushings into the fitting body. A small amount of resistance indicates the bushings are being compressed to further capture the cover.

*Note: The piloting feature of the bushings ensures the tubing is aligned properly with the fitting body for a uniform flare and a gas tight seal.*

5



## STEP 5: Final torque

Slide the nut over the bushings and thread onto the fitting body.

*Note: Some resistance will be experienced as the nut begins to compress the corrugation and create the double wall flare.*

Continue to thread the nut until resistance to wrenching increases greatly and the double wall flare is tightly seated.

*Note: During the tightening process rotate the nut only; do not rotate the fitting body.*

Any portions of the stainless steel tubing which are still exposed must be wrapped with tape or sleeved to prevent threats by acids or chloride-based cleaning solutions for masonry. Self-bonding silicone tape is recommended for durability.

## Competence

**Please note:** All gas installation work shall be carried out by a business or self-employed operative who is a member of a class of persons approved by the Health and Safety Executive (HSE). Currently Gas Safe Register is the Registration Body.

Acceptable certificates of competence are those issued under:

- Nationally Accredited Certification Scheme (ACS) for individual gas fitting operatives
- Scottish/National Vocational Qualifications (NVQ) that have been aligned to ACS in matters of gas safety.

Visit [Gastite UK](https://www.gastite.co.uk) on  [YouTube](https://www.youtube.com/watch?v=...) to watch our 'How to terminate a Gastite pipe' video to see terminating our CSST in action.





Customer service  
and technical support  
are only a  
phone call away:

**01509  
508939**



FREE sizing app  
available



#### Warranty

When it comes to our products, you can rely on the quality, performance and effectiveness they deliver. For added peace of mind, we offer warranty that **Gastite®** products will be free from any defect of workmanship and material.

However, should any such defects be discovered, the questionable product must be returned to **Gastite®**. If, upon inspection, the part proves to be defective, **Gastite®** will furnish a replacement, or, at its option, repair the part.

#### Exceptions

This warranty shall not apply to any part or parts of **Gastite®**'s Flexible Gas Piping System if it has been installed, altered, repaired or misused, through negligence or otherwise, in a way that, in the opinion of **Gastite®**, 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 **Gastite®**, including, but not limited to, acts of God, acts of government, floods and fires.

The obligation of **Gastite®** under this warranty is limited, at **Gastite®**'s discretion, to (1) making a replacement part available, (2) the repair of the defective part, or (3) refund of the purchase price. This does not include the furnishing of any labour 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 **Gastite®** NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR **Gastite®** ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OF ITS PRODUCTS.

**Gastite®**  
The System is the Solution™

#### **Gastite® UK**

Unit 3, Illuma House, Gelders Hall Road,  
Shepshed LE12 9NH

Telephone: **01509 508939**

Email: **info@gastite.co.uk**

Web: **www.gastite.co.uk**

PLEASE RECYCLE  
THIS BROCHURE 