

GASTITE® P2™ TECHNICAL DATA**Product description:**

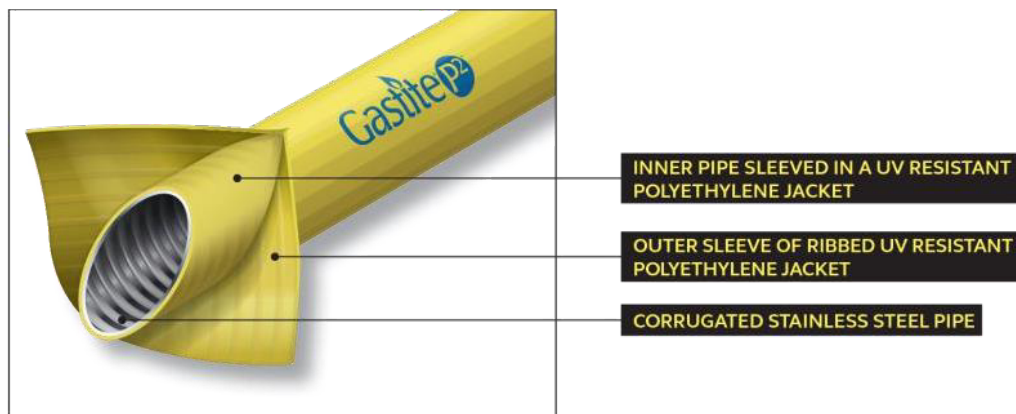
Gastite® P2™ is a flexible solution for installing CSST in unvented voids. It is made up of original Gastite® CSST, **PLUS** an integrated containment sleeve of ribbed, UV resistant polyethylene.

The ribbed design of the outer sleeve works to create space between the inner sleeving and the outer jacket, meaning that in the event of a leak, any gas can ventilate.

Gastite® P2™ has been fully tested to comply with the CSST Benchmark scheme and all NHBC 2022 warranty requirements.

Gastite® P2™ has been tested and passed by two of the UK's leading UCAS accredited assessors and conforms to EUROCLASS reaction to fire rating B-S1 d0.

Fig 1.0 Diagram of Gastite® P2™

**Applications:**

- For the supply of natural gas or liquefied petroleum gas to an appliance
- Suitable for installation in all modes of construction including residential, commercial, new build, industrial or retro-fit
- Gastite® P2™ is **not** suitable for use as a flexible appliance connector

Measurements:

	OUTER DIAMETER WITH BOTH SLEEVES	OUTER DIAMETER WITH SINGLE SLEEVE	INTERNAL DIAMETER	LENGTHS AVAILABLE
DN20	27.7	25.7	20.0	30, 75
DN25	35.3	33.3	26.3	30, 45, 75, 90
DN32	41.4	39.4	31.7	45, 75, 90
DN40	50.3	48.3	40.0	45, 75
DN50	62.3	60.3	50.2	45

Custom lengths also available.

Volume:

PIPE SIZE	VOLUME OF 1M LENGTH OF GASTITE® CSST (M³)
DN15	0.00021
DN20	0.00037
DN25	0.00065
DN32	0.00094
DN40	0.0015
DN50	0.0023

Marking:

- **Front:**
GAS www.gastite.eu Gastite P2 P2-DNXX LOT/DATE CODE 00XXM GAS
- **Reverse:**
GAS-500 mbar Warning message

Material:

- **Tubing:** stainless steel 1.4306-304L 10.0
- **Inner sleeve:** UV resistant polyethylene
- **Outer jacket:** ribbed, UV resistant polyethylene

Characteristics:

- Flexible
- Efficient
- Easy to install
- No hot works
- The inner pipe of original Gastite® CSST is fire rated/tested at 820° for 89 minutes under EN 1775:007 Annex A.
- Minimum operating temperature: -40°C
- Maximum operating temperature: 60°C

Compatibility:

- For use only with XR2™ fittings with Jacket-Lock® which eliminate exposed steel beyond the nut and offer self-guiding assembly for a perfectly even flare
- Gastite® P2™ can be used as the connecting interface to copper or steel

Storage:

- Gastite® P2™ should be stored in a dry area until required
- Gastite® P2™ should not be left outside prior to installation
- If exposed to extreme low temperature, allow to warm to room temperature before use
- Due to the potential risk of corrosion that some chemicals present to stainless steel, the piping must not be exposed to any acids, bases, salts or other caustic materials

Safety:

- 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 the:
 - 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
- CSST tube ends are sharp and care should be taken when handling.

Further information:

- More details on installation best practice can be found in the *Gastite® P2™ Design & installation Guide*, a companion to the comprehensive *Gastite® CSST Design & Installation Guide* – both are available by emailing info@gastite.co.uk

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