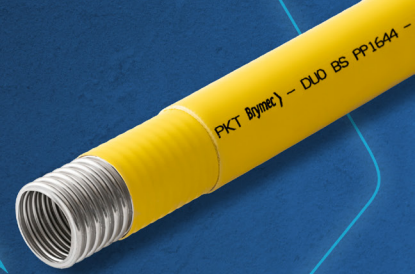


Brymec CSST and CSST Duo Technical Specification



System Overview

Ideal for use in industrial, commercial and domestic applications, Brymec CSST (Corrugated Stainless-Steel Tubing) is a flexible tube system used within a building to connect appliances to a supply of natural gas or LPG with a maximum operating pressure of 0.5bar.

The flexible system uses a high-quality annealed stainless steel which can easily be formed to contours and bends allowing a connection free pipe length between the supply and the appliance.

Connections are made quickly using the special compression connections, which feature a click-fit system to identify that the assembly has been engaged correctly.

To avoid the need for specialist ducting, the Brymec CSST Duo range comes with its own Integral Containment Sleeve to ensure venting of any gases to a safe, controlled area.

Product Certification



KM 696197



KM 782249

Technical Information

Brymec CSST & CSST Duo (Corrugated Stainless Steel Tube) Technical Information						
Size	DN15	DN20	DN25	DN32	DN40	DN50
CSST OD (mm)	22.60	25.50	32.40	39.90	47.90	59.20
CSST Pipe Weight - Kg/m	0.25	0.23	0.38	0.52	0.67	0.94
CSST Duo OD (mm)	24.60	27.50	34.40	41.90	49.90	61.30
CSST Duo Pipe Weight - Kg/m	0.31	0.30	0.46	0.61	0.80	1.13
Nominal Wall Thickness - mm	0.25	0.20	0.25	0.25	0.30	0.30
Internal Diameter - mm	16.00	20.00	25.00	32.00	40.00	50.00
Max. Operating Pressure	0.5 bar (500 mbar) see overleaf					
Pipe Material	Pliable 1.4404 (316L) corrugated Stainless Steel, to BS EN10088					
Polyolefin Sleeve	Protective sleeve, and Integral Containment Sleeve (Duo only), from yellow, UV resistant Polyethylene					
Reaction To Fire	B-s1-d0 to BS EN 13501-1					
Pipe Identification Markings	Markings at 1m intervals as required by BS EN 15266					
Manufacturing Standard	BS EN 15266 - <i>Stainless Steel Pliable Corrugated Tubing Kits in Buildings for Gas With an Operating Pressure Up To 0.5 bar</i>					
Approvals	BS EN 15266, PP1547 and PP1644					



Brymec CSST Fittings Technical Information	
Body Material	Brass - CW617N
O-ring Material	NBR to BS EN 549 - Yellow for use with 1st, 2nd and 3rd family gases
Safety	Single assembly compression fittings with click-fit safety feature
Compression retaining ring	Plastic Polyethylene retaining clip to control compression nut
Thread Standard	BSP - R & Rp BS EN10226:-1 2004
Approvals	BS EN 15266, PP1547 and PP1644
Manufacturing Standard	BS EN 15266 - <i>Stainless Steel Pliable Corrugated Tubing Kits in Buildings for Gas With an Operating Pressure Up To 0.5 bar</i>

Applications	1st Family (Group a)		Second family (Group H, L, E)		3rd Family (Group B/P, P, B)	
	Town Gas	Methane Air	Natural Gas	Propane Air	LPG	Butane
CSST	0.5bar	0.5bar	0.5bar	0.5bar	0.5bar	0.5bar
CSST Duo	0.5bar	0.5bar	0.5bar	0.5bar	0.5bar	0.5bar

Warranty

Brymec CSST and CSST Duo are covered by a comprehensive 10 year warranty. Please refer to the Brymec terms and conditions for full details.



Installation

Installation of Brymec's CSST or CSST Duo systems must only be carried out by a qualified engineer who is competent, who is a member of a class of persons approved by the HSE and is registered with the current body Gas Safe.

All installed systems must comply with all relevant requirements from Gas Safety (Installation and Use) Regulations 1998 as amended and the applicable IGEM/UP/Series.

For manufacturer's warranties to apply, all products must be installed to Brymec's latest installation instructions.



Scan or click to view the CSST and CSST Duo Technical range.

Brymec reserves the right to make changes, without prior notification, to the specification of our CSST and CSST Duo Technical range in line with our policy of continuous improvement and development.

Equipotential Bonding

Brymec CSST and CSST Duo systems must be bonded in line with the requirements of the current edition of the IEE wiring regulations BS 7671:2018

Sealing of Thread Connections

Where suitable for the application, for sealing of the treaded connections, we recommend the use of a suitable thread sealant or compound as defined by - BS EN 751-2 Sealing Materials for Metallic Threaded Joints in Contact with 1st, 2nd and 3rd Family Gases.

Manufacturer Details

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Manufacturer Certification



Cert. 288342018



Cert. 459902024



Cert. 1313072

