

CSST- FITTING

Installation Instructions



Step 1

Cut the coiled pipe to the required length using the smooth wheeled CSST pipe cutting tool, which must be applied between two corrugations. You must not cut the pipe using a saw-toothed or abrasive cutting tool. If the cut end of the pipe is not smooth or has a burr, the pipe cutting process must be repeated. Files and abrasive tools should not be used to remove any sharp edges.



Step 2

Duo only - Measure 80mm from the cut end of pipe. Using the CSST Duo sleeve cutting tool, remove the outer Duo containment sleeve.



Step 3

Taking care not to damage the surface of the CSST stainless tube, cut and remove the inner protective sleeve at the 6th corrugation for DN15, 20, 25 and 32, and at the 5th corrugation for DN40 and DN50



Step 4

Apply the fitting onto the exposed stainless-steel tube until an audible 'click' is heard. The 'click' is necessary to confirm the correct engagement of the fitting onto the corrugations. Once correctly located onto the pipe, the fitting should butt against the remaining protective inner sleeve.



Step 5

Before tightening, ensure that the fitting is aligned with the outlet to which it will be attached and remove the yellow retaining clip from the fitting.



Step 6

Tighten the nut until finger tight. Using an appropriate spanner, tighten the nut whilst bracing the body of the fitting to prevent movement. The nut should be tightened to abutment but must not exceed the torque values detailed within the table below.



Step 7

Cut the heat-shrink tube to the required length to cover the nut and inner sleeve of the CSST pipe only. **IMPORTANT** – the heat-shrink tube **must not** cover the end of the outer Duo containment sleeve. The special internal profile of the integrated containment sleeve is to allow venting of any gasses which may be captured within the sleeve.



Step 8

Using a flame-free heat gun, gently warm the heat-shrink tubing until the assembly is tightly sealed, whilst ensuring the cut end of the Duo containment sleeve remains exposed.



Step 9

If required, self-amalgamating tape can be used in place of the heat-shrink tube. **IMPORTANT** – The tape should cover the end of the protective inner sleeve but **must not** cover the end of the outer Duo containment sleeve.

Tube Diameter	EN15266 CSST Assembly Torque Values (N.m)	
DN	MIN.	MAX.
15	65	95
20	90	130
25	105	150
32	125	170
40	180	230
50	320	370

These instructions should be referenced in conjunction with the full instructions (technical guide) that can be downloaded from our website www.brymec.com. Alternatively please contact us for a copy. Tel: 0333 000 5555. Email: sales@brymec.com.

This Brymec product is not manufactured by and has no connection with GFS Flex.