

Installation Instructions

We recommend the installer to read and follow all the instructions, precautions and warnings contained in this document before using the products in pressurized systems. Failure to follow all instructions, precautions and warnings may result in bodily harm or property damage. FCST Group disclaims any responsibility in the case of damage for misuse of the products.



1.Preparing the Microduct to be Connector



Take the microduct to be connected, clean it, check its dimension and ovality. The microduct should be clean and free from burrs, cuts, scratches or any other damage before it is inserted into the connector.

To ensure a proper connection the microduct should have a round profile. Microducts with oval profiles should not be used.

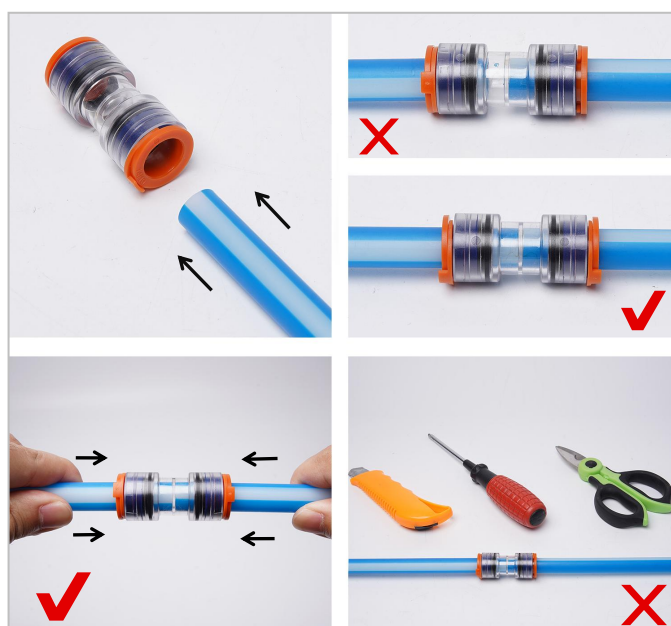
Cut the microduct (recommended cut with FCST221064, FCST221071, FCST221062 Microduct Cutter) at an angle of $90^\circ (\pm 3^\circ)$ and remove any burrs due to the cut by trimming the edges of the microduct with a bevel tool.



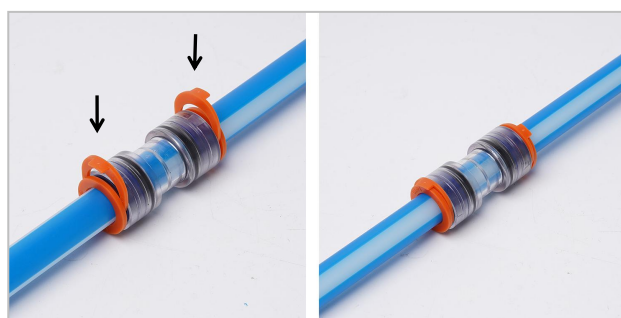
2.Installing the Connector

The transparent body of the Connector allows a visual inspection of the correct and full insertion of the Microduct (removal of safety clip is not required) .

The insertion of the Microduct into the Connector requires a moderate force. The Microduct and the Connector seal should not be scratched or damaged during the insertion, otherwise there may be leaks or further mis-functioning. Please, connect the Microduct by hand, without using any kind of tool.



3.Locking Clip Installation



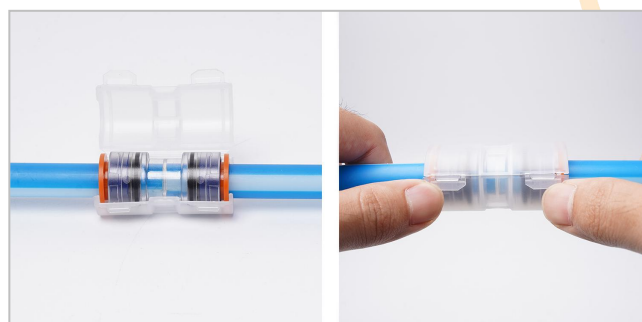
The products are pre-fitted with tamper proof locking clips as standard. If they have been removed, please replace with the correct locking clip after connecting the Microduct.

The insertion of the locking clip between the Connector main body and the collet avoids any possible Microduct accidental disconnection.

4.Anti-shock Cover Installation

Although these connectors can be direct buried we recommend a Anti-shock Cover is placed on the connector before the microduct is inserted, especially in very challenging environmental conditions.

The Anti-shock Cover prevents waste, soil, stones or sand from entering the connector during disconnection.



5. Silicone Rubber Cover Installation



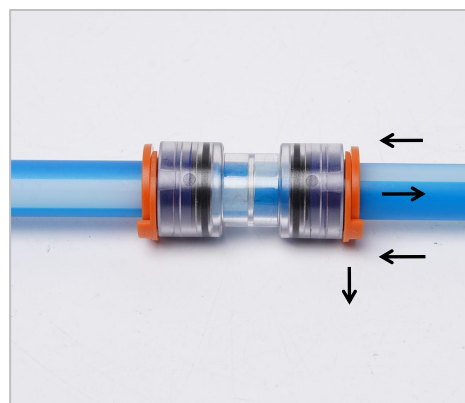
Silicone Rubber Cover easy to install, only three steps (Cover, pull and clench), only 15-30 seconds needed to seal one connection.

Can also be used in special environments. A silicone rubber cover on the connector before the microduct is inserted provides better waterproof and moisture resistance, extends service life, and prevents soil, stones or sand from entering the connector.

6. Remove Connector

Make sure the system is depressurised before removing the microduct from the connector.

Remove the locking clip, then push the collet in the direction of the body of the Connector and pull the Microduct keeping the collet pushed against the Connector body in order to disconnect the Microduct.



Retroactive Specification

While connecting the Microduct, please make sure that it is correctly inserted into the Connector seat. Please, note that the Microduct may be gripped even if it is not completely inserted into the seat. A Microduct that is not fully inserted may cause failures and leakages. In this case, push the Microduct further into the Connector in order to be certain that it is completely inserted and check visually that it is in the correct position.

It is the responsibility of the user to keep the correct traceability of the product. The production code of the items is clearly indicated on the Connector. In the case of a claim, the correct production code must be communicated to FCST Group. The failure to communicate the production code will invalidate the guarantee.



www.fcst.com

www.micro-duct.com