

Conex Push-Fit

Installation Guide

Conex Push-Fit connects with multiple tubes:
copper, carbon steel, stainless steel, PB and PE-X.

Tube preparation

Cut the tube end square and ensure it retains its shape.

Deburr the tube.

If using R220 (annealed) temper tube, re-calculate in accordance with EN1057. Table 4 R250 tolerances.



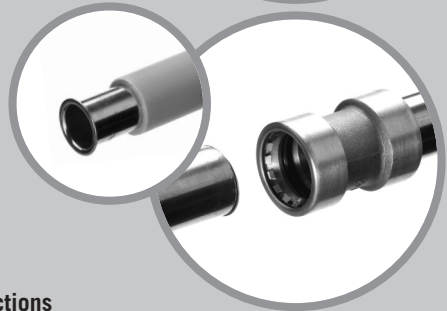
Making the joint

Mark the tube with the correct insertion depth.

When joining plastic tubes insert an appropriate tube liner.

Simply push the tube into the fitting socket ensuring the tube contacts with the tube stop.

Pull the tube to ensure the grip ring is engaged.



This fitting is demountable please see reverse for instructions

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Unique Conex Push-Fit Demounting Tool

IBP Conex has developed a professional release tool to demount the fitting in order for the fitting to be reused up to twenty times. The tool is supplied with different sized heads which are quick and easy to change.

The Conex Push-Fit tool can also be used to aid installation by holding back the grab ring during pipe insertion.

The tool can be purchased as a complete set with a tool and four heads (10, 15, 22 and 28mm). The tool and tool heads can also be purchased separately.

Adjustment of the Tool

- Open the tool by unlocking the handles using the release button.
- Place the tool head between the jaws by depressing the springs on the tool head. Close the tool handles to lock.
- If the tool head is loose, reduce the gap using the adjusting screw dial in the base of the handle. When the gap is correct the tool head will fit and the tool will lock.
- If the tool head will not fit, open the gap using the adjusting screw dial in the base of the handle. When the gap is correct the tool head will fit and the tool will lock.

To Release a Fitting

1. Fit the correct sized head to the release tool, by depressing the springs on the head, and locating on the tool. The head can only be fitted if the gap between the jaws are correctly set.
2. Ensure the jaws are open. The head can be fitted for left, or right hand operation.
3. Clip the tube into the head, with the shoulder of the fitting against the 'U' shaped collar.
4. Squeeze the tool handles, so the projection on the head depresses the grip ring teeth.
5. With the tool handles locked, pull the tube from the fitting.
6. Unlock the tool to release the fitting.

