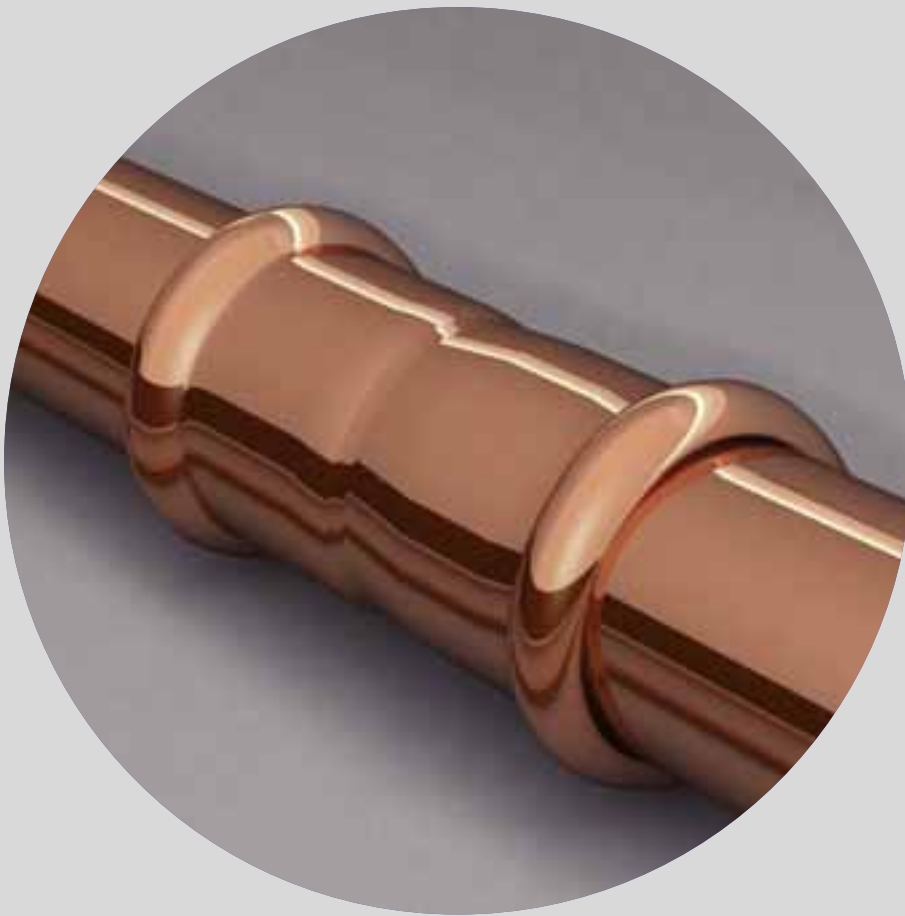




LBP
the extra check

The Press-fit Jointing System

With our unique "Leak Before Press" design for instant identification of incomplete joints



Following a long tradition of developing new and innovative jointing solutions that meet the changing needs of specifiers and installers Yorkshire Fittings have enhanced the XPress Copper range with the addition of a unique leak before press (LBP) design.

Why would you want a fitting that leaks?

LBP has been developed as a fail-safe check to provide instant identification of joints that have been assembled correctly but mistakenly left un-pressed. Contractors and commissioning engineers can be assured that un-crimped XPress copper fittings will leak, even at test pressures as low as 0.5 bar, and are therefore easily detectable. This method of incomplete joint detection can save a considerable amount of time in the commissioning process, and prevent any potential returns to site after project hand-over.

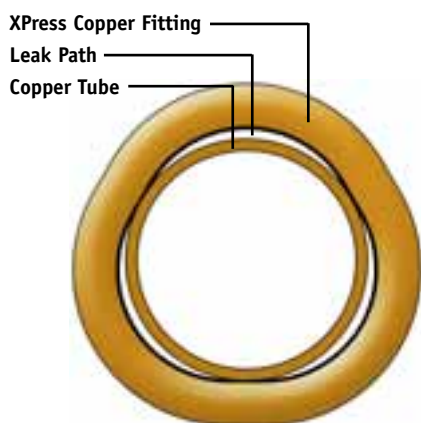


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Product design changes

The concept of our leak before press design is simple; we have modified the ends of the XPress Copper fitting making the mouth of the fitting slightly triangular. When the fitting is assembled with tube the triangulated end gives 3 leak paths (see diagram). These leak paths are then closed when the press tool is used to press the joint, making the fitting end circular and leaving a strong, reliable joint.



Advantages of the XPress Copper Press-fit system

- Fittings available in sizes 15mm to 108mm
- Significant installed cost savings
- Heat-free jointing process meaning no need for expensive hot works permits
- Clean jointing technique with no flux residue
- WRAS and DVGW approved with 30 year system guarantee

1

XPress Copper LBP Fittings

The subtle triangulation at the mouth of the fitting can at first glance be mistaken as deformity, but under closer examination it can be seen to have a uniform and precise geometric shape.



2

Preparation and Installation

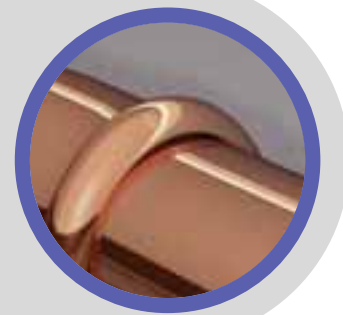
Due to the simplicity of our LBP design there are no additional preparation or installation steps required. Just follow the standard procedure for XPress products found in the XPress Databook, available for download from www.pegleryorkshire.co.uk



3

System Testing

Any un-crimped fittings in the system will be immediately identified by a leak on testing. Make note of the fitting's location and continue to check the rest of the system.



4

Pressing Joints

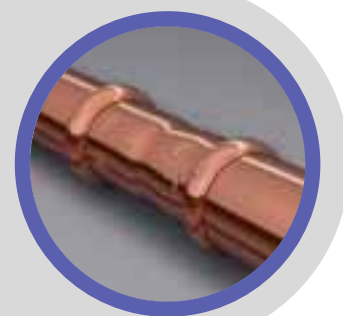
When the system has been fully drained return to the un-pressed fitting, check that the pipework has not moved in testing, ensuring that the copper tube is fully inserted up to the tube stop. Then complete the pressing process as normal.



5

Finished Joints

When the joint is completed correctly it is identical to the previous non LBP XPress Copper fitting, a strong reliable joint.



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For further information on XPress, please contact your appropriate sales office

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