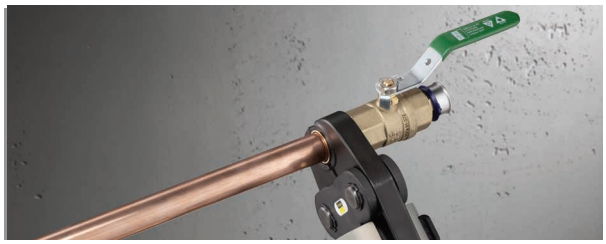
Product Instructions

Viega PureFlow Press by ProPress Ball Valve



Model 2882.1ZL

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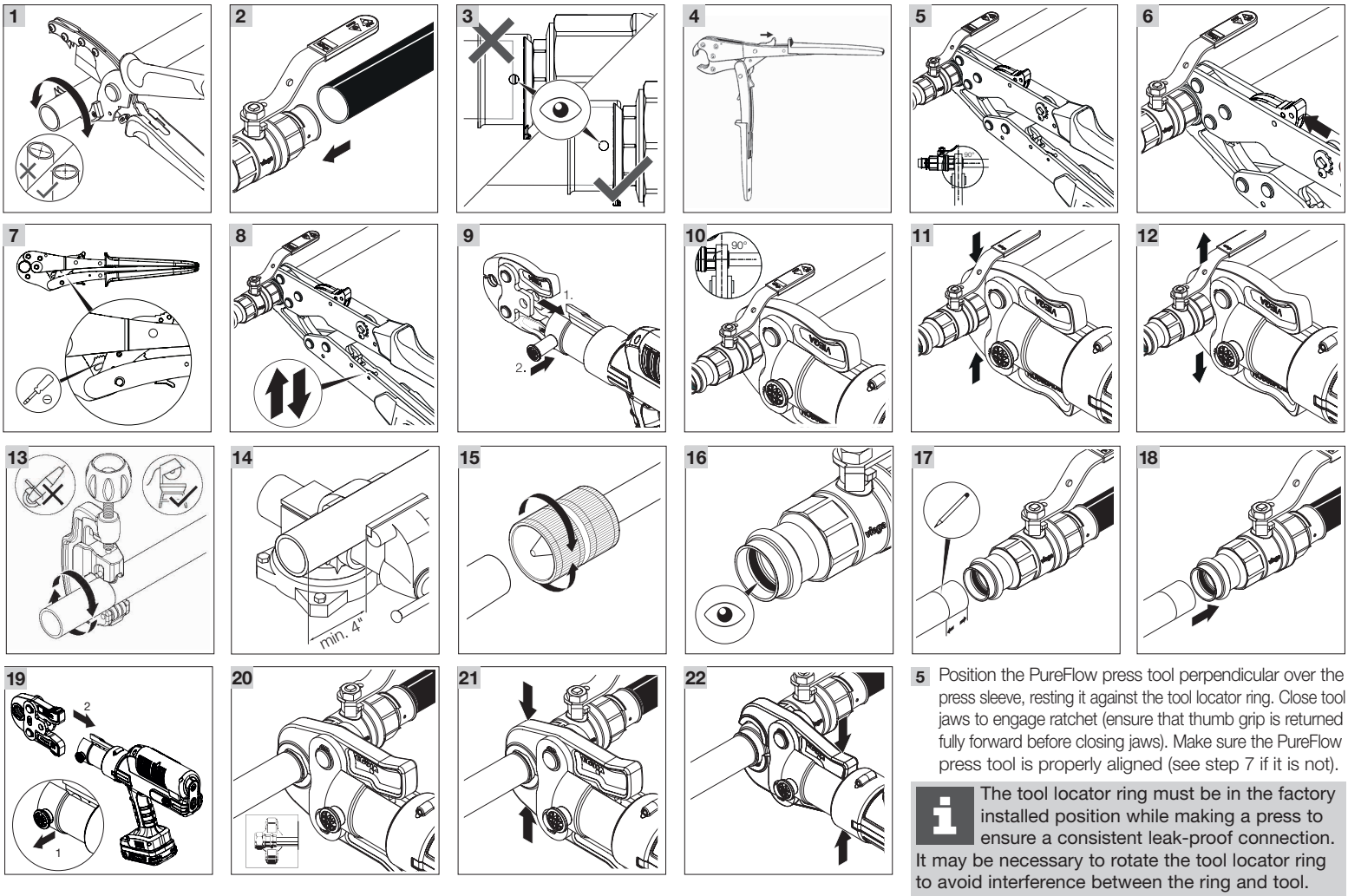
This document is subject to updates. For the most current Viega technical literature please visit www.viega.us.

PI-PF 531222 0424 PureFlow Press x ProPress Ball Valve



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Viega PureFlow Press by ProPress Ball Valve

Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

DANGER!
Read and understand all instructions for installing PureFlow and ProPress Press fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

Making a PureFlow Connection

1 Square off tubing to proper length. Uneven, jagged, or irregular cuts will produce unsatisfactory connections.
2 Insert PureFlow valve into tubing and engage fully.
3 Ensure full tubing insertion at view holes in valve. Full insertion means tubing must be completely visible in at least two view holes and partially visible in the one.

If using hand tools for the PureFlow connection, continue with steps 4 to 8. If using power tools skip to steps 9 to 12.

Pressing with a Hand Tool

4 For the 1" tool, open the tool handles fully (thumb grip is available to maintain open jaw). Then close tool jaws to engage ratchet (ensure that thumb grip is returned fully forward before closing jaws).

5 Position the PureFlow press tool perpendicular over the press sleeve, resting it against the tool locator ring. Close tool jaws to engage ratchet (ensure that thumb grip is returned fully forward before closing jaws). Make sure the PureFlow press tool is properly aligned (see step 7 if it is not).

The tool locator ring must be in the factory installed position while making a press to ensure a consistent leak-proof connection. It may be necessary to rotate the tool locator ring to avoid interference between the ring and tool.

6 Close handles, using trigger to reduce grip span if desired.
7 If the PureFlow press tool is not properly aligned with the locator ring, use the emergency release (using a screw driver to turn the emergency release) to open the press tool. Once released, align the PureFlow press tool properly and go back to step 5.

WARNING!
The connection is not leak-proof when the tool has been opened by emergency release. The tool locator ring must be present to ensure a proper PureFlow Press connection.

8 Extend the PureFlow press tool handle and continue ratcheting until automatic tool release occurs at the proper compression force.

CAUTION!
Do not press twice.

Pressing with a Power Tool

9 Insert the appropriate PureFlow press jaw (1) into the press tool and push in the holding pin (2) until it locks.
10 Open jaw and position perpendicular over press sleeve, resting it against the tool locator ring.

The tool locator ring must be in the factory installed position while making a press to ensure a consistent leak-proof connection. It may be necessary to rotate the tool locator ring to avoid interference between the ring and tool.

11 Start the pressing process; hold the trigger until the jaw has automatically released.
12 When press connection is complete, open and remove the jaw.

WARNING!
The tool locator ring must be present to ensure a proper PureFlow Press connection.

CAUTION!
Do not press twice.

Making a ProPress Connection

13 Cut copper tubing at right angles using displacement type cutter or fine-toothed steel saw.
14 Cut tubing a minimum of four inches away from the contact area of the vise to prevent possible damage to the tubing in the press area.
15 Remove burr from inside and outside of tubing and prep to proper insertion depth using a preparation tool or fine-grit sandpaper.
16 Check seal for correct fit. Do not use oils or lubricants.
17 Mark the proper insertion depth (see chart below). Improper insertion depth may result in an improper seal. It is recommended that the depth marking be visible on the completed assembly.

ProPress Insertion Depth Chart

Tube Size	½"	¾"	1"	1¼"	1½"	2"
Insertion Depth	¾"	⅞"	⅞"	1"	1 7/16"	1 9/16"

Copper tubing must be free of surface imperfections, including metal stamped print lines, before installation.

18 While turning slightly, slide the ProPress end of the valve onto tubing to the marked depth. End of tubing must contact stop. Once the assembly is completed, it is recommended that the depth marking still be visible.
19 Insert appropriate Viega ProPress jaw (2) into the press tool and push in holding pin (1) until it locks in place.
20 Open the jaw and place at right angles on the valve. Visually check insertion depth using mark on tubing.
21 Hold trigger on press tool until press jaws have fully engaged the valve. Jaws will automatically release after a full press is made.
22 Open the jaw and remove the press tool.