Viega ProPress® Ball Valves

For Types K, L and M Hard Copper Tubing in ½” to 2” and Soft Copper Tubing in ½” to 1¼”

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

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.

1. Cut copper tubing square using displacement-type cutter or fine-toothed saw.

2. Remove burr from inside and outside of tubing to prevent cutting the sealing element.

3. Check the sealing element for correct fit. Do not use oils or lubricants. Use only Viega ProPress shiny black EPDM or dull black FKM sealing elements.

4. Mark proper insertion depth as indicated by the Viega ProPress Insertion Depth Chart. Improper insertion depth may result in improper seal.

5. While turning slightly, slide ball valve onto tubing to the marked depth. End of tubing must contact stop.

6. Insert appropriate Viega ProPress jaw into the press tool and push in, holding pin until it locks in place.

7. Open the jaw and place at right angle on the valve. Visually check insertion depth using mark on tubing.

8. Hold trigger on press tool until press jaws have fully engaged the fitting. Jaws will automatically release after a full press is made.

9. After pressing, open the jaw and remove the press tool.

10. Pressure testing with Smart Connect®:
    Unpressed connections are located by pressurizing the system with air or water. When testing with water the proper pressure range is 15 psi to 85 psi. When testing with compressed air the proper pressure range is ½ psi to 45 psi maximum. If testing with compressed air, use an approved leak-detect solution. Following a successful pressure test, the system may be pressure tested up to 200 psi with air or up to 600 psi with water.

**WARNING!** Keep extremities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press.

**Testing for unpressed connections using Smart Connect is not a replacement for pressure testing requirements of local codes and standards.**

**Viega ProPress Insertion Depth Chart**

<table>
<thead>
<tr>
<th>Tube Size</th>
<th>¼&quot;</th>
<th>½&quot;</th>
<th>¾&quot;</th>
<th>1&quot;</th>
<th>1¼&quot;</th>
<th>1½&quot;</th>
<th>2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Depth</td>
<td>⅞&quot;</td>
<td>¾&quot;</td>
<td>⅞&quot;</td>
<td>⅞&quot;</td>
<td>1&quot;</td>
<td>17/16&quot;</td>
<td>19/16&quot;</td>
</tr>
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For applications requiring Viega ProPress with FKM sealing elements, remove the factory-installed EPDM sealing element and replace with FKM sealing element according to manufacturer’s instructions.

Copper tubing must be free of surface imperfections, including metal stamped print lines, before a ProPress fitting is installed.

Only ball valves marked with NSF-61 and NSF 372 are allowed for use in potable water systems.

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