Viega ProPress® Dielectric Union

Model 2967ZL For Types K, L, and M Hard Copper Tubing in ½" to 2" and Soft Copper Tubing in ½" to 1¼"

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 Viega ProPress fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

1. Cut copper tubing at right angles using displacement-type cutter or fine-toothed steel saw.
2. Remove burr from inside and outside of tubing to prevent cutting sealing element.
3. Check seal for correct fit. Do not use oils or lubricants. Use only Viega ProPress sealing elements.

For applications requiring Viega ProPress with FKM or HNBR sealing elements, remove the factory-installed EPDM sealing element and replace with FKM or HNBR sealing element according to manufacturer’s instructions.

4. Ensure union is assembled as shown in exploded view.
   1. Galvanized metal female NPT threaded connection.
   2. EPDM gasket.
   4. Electrical conductivity separation ring.
   5. Galvanized nut.

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

<table>
<thead>
<tr>
<th>Tube Size</th>
<th>½&quot;</th>
<th>⅜&quot;</th>
<th>⅝&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>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>
<td></td>
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6. While turning slightly, slide press fitting onto tubing to the marked depth.

7. Insert appropriate Viega jaw into the pressing tool and push in, holding pin until it locks in place.
8. Open the jaw and place at right angles on the fitting. Visually check insertion depth using mark on tubing.
9. Start pressing process and hold the trigger until the jaw has engaged the fitting.
10. After pressing, the jaw can be opened again. Thread female NPT connection onto threaded pipe or fitting using appropriate thread sealant.

Viega ProPress Insertion Depth Chart

11. 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.

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

End of tubing must contact stop.