**Product Instructions**

**Viega PureFlow® Crimp Compact Angled Hand Tool**

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**EN**

**Viega Compact Angled PureFlow Crimp Hand Tool**

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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.

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**CAUTION!**

The compact angled PureFlow crimp hand tool handles do not open like pliers. Forcing the handles apart could cause tool failure.

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Use this tool to crimp only copper crimp rings made to ASTM F1807, F2159, and brass, copper, or plastic fittings for ASTM F876/F877 SDR9 PureFlow PEX tubing. Tool may also be used to make crimp connections with PB tubing and appropriate rings and fittings.

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**WARNING!**

Important crimp tool instructions: read before use. Do not use this tool unless you can execute a proper crimp according to approved methods and recognized standards.

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**Making a Crimp**

If you cannot complete a proper crimp with your tool (including the ability to apply enough force to make the tool work correctly) discontinue use of the tool.

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**Dimensions of crimp ring after a proper, single crimp**

<table>
<thead>
<tr>
<th>Nominal Tube Size</th>
<th>Minimum (in)</th>
<th>Maximum (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>⅜&quot;</td>
<td>0.58</td>
<td>0.60</td>
</tr>
<tr>
<td>½&quot;</td>
<td>0.70</td>
<td>0.72</td>
</tr>
<tr>
<td>¾&quot;</td>
<td>0.95</td>
<td>0.96</td>
</tr>
</tbody>
</table>

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The maximum out-of-roundness of a completed crimp shall not exceed 0.006". This is the difference between the minimum outside diameter of a properly crimped ring and the maximum outside diameter of the same properly crimped ring.

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**Tool Maintenance Instructions**

Tool maintenance can affect the life of your compact angled PureFlow crimp hand tool and the quality of the tool’s crimp. Lubricate the pivot points frequently with light oil to ensure smooth action and maximum tool life.

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**WARNING!**

Do not attempt to repair the tool. For tool information, call Viega, at 800-976-9819.

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The compact angled PureFlow crimp hand tool is under limited warranty for twelve (12) months from date of purchase. To ensure warranty availability, fill out the information on the reverse side and retain with a dated proof of purchase. Please include a copy of your proof of purchase when returning your tool for any adjustment or repair covered under warranty.

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This document is subject to updates. For the most current Viega technical literature please visit www.viega.us.
6 Note the number to which the line on the hex head of the back pin points.
7 Carefully remove the retaining clip by inserting a small flat blade screwdriver in the loop of the clip and turning the screwdriver.

**CAUTION!**
The retaining clip is made from spring steel and may fly off of the pin if not removed carefully, possibly causing eye damage and loss of the clip.

8 From the clip end of the back pin, push it towards the tool body until the hex head on the other end of the pin just clears the body.
9 Rotate the pin until the line on the hex head points to the next higher number on the frame.
10 Push the pin back into the frame and replace the retaining clip.
11 Crimp a test joint and check crimp ring for proper sizing with GO gauge or measurement. Severely worn tools may require further adjustment. As the tool continues to wear with use, simply repeat these instructions as required.