

RIDGID® Jaws for PureFlow® Instruction Sheet

RIDGID® Jaws for PureFlow® are designed to mechanically press PureFlow® Fittings onto 3/8", 1/2", 5/8", 3/4", 1", 1 1/4" and 1 1/2" ViegaPEX™ and FostaPEX™ tubing. An individual jaw is required for each size tubing.

⚠ WARNING



Read these instructions, the Press Tool operator's manual, the fitting manufacturer's installation instructions and any other applicable information before using these jaws. Failure to understand and follow all instructions may result in extensive property damage, serious personal injury or death.

Pressing Tool Safety

- **Always wear eye protection.** Protect your eyes from dirt and other foreign objects.
- **Only use a RIDGID Press Tool with RIDGID jaws for PureFlow®.** Use of other tools may damage the jaws or make improper connections.
- **Only use RIDGID jaws for PureFlow® to press PureFlow® Fittings.** Other uses or modifying the jaws for other applications may damage the press tool, the jaws, make improper connections or cause injury.
- **Keep your fingers and hands away from the jaws during the press cycle.** Your fingers or hands can be crushed, fractured or amputated if they become caught between the jaws, or between the jaws and any other object.
- **Never attempt to repair a damaged jaw.** A jaw that has been welded, ground, drilled or modified in any manner can shatter during pressing resulting in serious injury. Discard the entire damaged jaw. Replace with a new jaw. Never replace individual components except for springs and retaining rings. Failure to replace the entire jaw may result in component failure and serious injury.

SAVE THESE INSTRUCTIONS!

NOTICE Selection of appropriate materials and joining methods is the responsibility of the system designer and/or installer. Before any installation is attempted, careful evaluation of the specific service environment, including chemical environment and service temperature, should be completed. Consult fitting system manufacturer for selection information.

Compact Jaws For PureFlow®:

RIDGID Compact Series jaws only function with RIDGID Compact Series Pressing Tools.

Catalog No.	Size	Weight
17003	3/8"	2.5 lbs. (1.1 kg)
17008	1/2"	2.5 lbs. (1.1 kg)
19813	5/8"	2.5 lbs. (1.1 kg)
17013	3/4"	2.5 lbs. (1.1 kg)
17018	1"	2.5 lbs (1.1 kg)
22683	1 1/4"	2.5 lbs (1.1 kg)
22688	1 1/2"	2.5 lbs (1.1 kg)

Standard Jaws For PureFlow®:

RIDGID Standard Series jaws only function with RIDGID Standard Series Pressing Tools.

Catalog No.	Size	Weight
22653	1/2"	4 lbs. (1.8 kg)
22658	5/8"	4.25 lbs. (1.9 kg)
22663	3/4"	4.5 lbs. (2.0 kg)
22668	1"	4.5 lbs (2.0 kg)
22673	1 1/4"	4.75 lbs (2.2 kg)
22678	1 1/2"	6.5 lbs (2.9 kg)

Inspection/Maintenance

1. To aid inspection and prevent tool slippage, remove oil, grease and dirt from tool and jaw handles.
2. Inspect the jaw daily for obvious cracks, binding, breakage, missing parts, excessive wear or other signs of damage. If any of these conditions are found, the jaw should be discarded and replaced.

⚠ WARNING A jaw component that has been welded, ground, drilled, or modified in any manner can fail during use, resulting in severe injury. Discard and replace damaged jaws.

3. Clean and lubricate the moving parts of the jaw on a regular basis to prevent wear and maximize tool life. Make sure the jaw arms move freely and the return spring closes the jaw. Do not use aggressive, abrasive cleaning methods that could alter critical jaw dimensions and result in improper crimps and other problems.

Operating Instructions

Pressing The Fitting

1. Insert jaw into press tool per the instructions in press tool operator's manual.
2. Prepare tubing, fitting and sleeve as directed in the fitting manufacturer's installation instructions.
3. Make sure the tubing is inserted to the proper depth in fitting.
4. Squeeze jaw arms to open the jaw (*Figure 1*).



Figure 1 – Opening The Jaw

5. Place open jaw around the fitting. Make sure the raised lip of the stainless steel sleeve is properly aligned with the jaw (*Figure 2*).

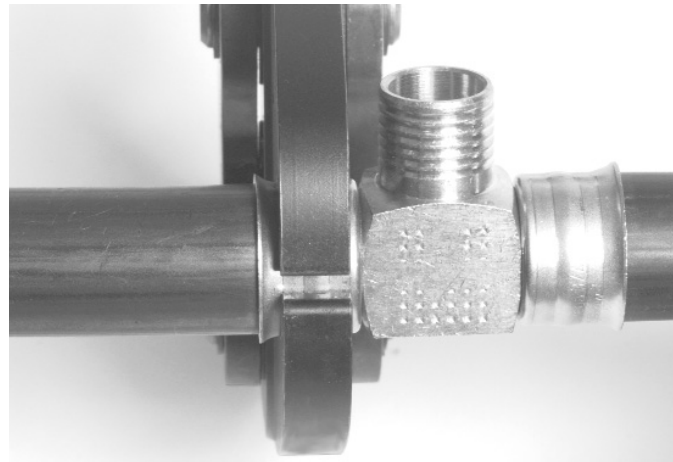


Figure 2 – Placing Jaw Squarely Onto PureFlow® Fitting

6. Make sure the jaw is square to the tubing (*Figure 2*) and depress tool trigger. The press cycle takes about six (6) seconds. Once a press cycle begins and the rollers contact the jaw arms, the tool will lock-on and automatically complete the press cycle. Releasing the trigger will not stop the tool once the pressing process has begun. This assures consistent, repeatable pressed connection integrity.

⚠ WARNING To avoid pinch point injuries, keep fingers away from jaws.

7. Press jaw arms to open the jaw.

Inspecting the Crimped Connection

1. Inspect the pressed connection (*Figure 3*)—Look for the following:
 - Tube not fully inserted to tube stop
 - Distorted or deformed fitting
 - Any other issues per the fitting manufacturer

If one or more of these problems is found, then a new section of tubing and a new fitting must be prepared and pressed. Removal of existing pressed connection is necessary.

2. Test system in accordance with normal practice and local codes.



Figure 3 – Completed Pressed Fitting

PureFlow® is a registered trademark of Viega®. Viega® is a registered trademark of Franz Viegeler II GmbH & Company



99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
Toll Free 1-800-517-8431



Visit us at www.TestEquipmentDepot.com