



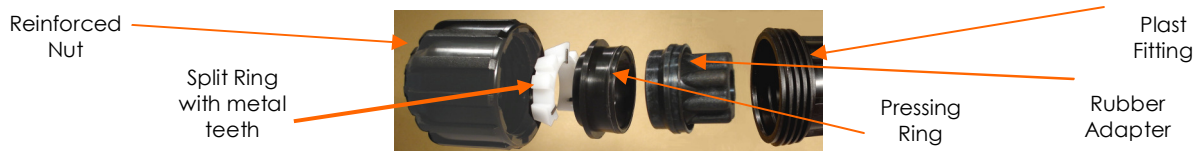
# INSTALLATION INSTRUCTIONS FOR FLOPLAST UNIVERSAL FITTINGS ON ASSORTED PIPES



Universal Sizes	3/8" - 1/2"	1/2" - 3/4"	3/4" - 1"	1 1/4" - 1 1/2"
Sizes Range O.D.	0.591" - 0.860"	0.860" - 1.063"	1.063" - 1.378"	1.654" - 1.969"
Pipe Material				
PE CTS	1/2" (.625)	3/4" (.875)	1" (1.125), 1 1/4" (1.375)	1 1/2" (1.625)
PE IPS—SDR 9, 11	1/2" (.840)	1/2" (.840), 3/4" (1.050)	3/4" (1.050), 1" (1.315)	1 1/4" (1.660), 1-1/2(1.900)
Copper	1/2" (.625)	3/4" (.875)	1" (1.125)	1 1/2" (1.625)
PVC	3/8" (.675), 1/2" (.840)	1/2" (.840), 3/4" (1.050)	3/4" (1.050), 1" (1.315)	1 1/4" (1.660), 1 1/2" (1.900)
Galvanized Iron	3/8" (.675), 1/2" (.840)	1/2" (.840), 3/4" (1.050)	3/4" (1.050), 1" (1.315)	1 1/4" (1.660), 1 1/2" (1.900)
PE IPS—SIDR 15 (100 PSI)	1/2" (o.d. .761)	3/4" (o.d. .963)	1" (o.d.1.209)	1 1/2" (o.d. 1.843)
PE IPS—SIDR 11.5 (125 PSI)	1/2" (o.d. .761)	3/4" (o.d. .991)	1" (o.d.1.256)	
PE IPS—SIDR 9 (160 PSI)	1/2" (o.d. .782)	3/4" (o.d. 1.037)	1" (o.d.1.316)	1 1/4" (o.d. 1.732)
PE IPS—SIDR 7 (200 PSI)	1/2" (o.d. .828)		3/4" (o.d. 1.098)	1 1/4" (o.d. 1.813)

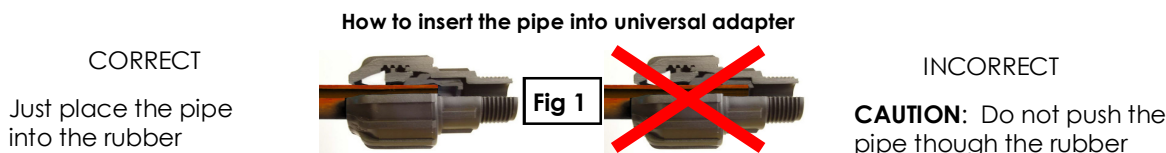
- This chart is meant for reference only. If you have any doubt regarding the pipe size, then select the correct Universal Fitting size by measuring the ACTUAL O.D. of the pipe.

**General Sizing Note: IPS sizes fit both size of Universal Fitting (ex: fits 1/2" - 3/4")**  
**CIS sizes fit the larger of the sizes listed on Universal Fitting (ex: 3/4" on 1/2"-3/4" size)**



- Step 1**
- Step 2**
- Step 3**

- Cut** pipe square, an uneven cut will result in leakage
- Clean** pipe ends with soap water and cloth insuring it is cleaned from debris such as dirt, oil, sand, etc.. to ensure a leak-free connection. When threaded **FLOPLAST** Fittings attach to steel or metal, **deburr metal threads for a leak-proof connection.**
- The Universal Transition** Coupling does not require removal of the nut prior to installation
- Ensure** the nut is at least 3 threads back from the flange of the body for smaller size pipe allowing 4-5 threads for the larger size pipe
- Insert** the pipe into the body of the fitting being cautious not to push pipe past the rubber seal joint (**Fig 1**)
- Screw** the Compression Nut tightly towards the body of the fitting using the FLOPLAST wrench or suitable tool.
- In** confined spaces the FloPlast nut assembly can be removed from the fitting and slid onto the pipe, prior to inserting the pipe into the central body.



- Caution:** When inserting plastic pipes and/or FloPlast valves and/or fittings into existing metal pipe work, ensure electrical earth continuity is maintained at all times.
- Care must be taken** not to cut pipe too short as it is essential to draw the pipe onto the fitting when making a joint. For sealing threads PTFE tape should be applied to the male threads. Avoid excess wrench pressure on central body when tightening nuts.
- End User's Responsibility**
  - ALWAYS PRESSURE-TEST SYSTEM FOR LEAK TIGHTNESS PRIOR TO BURYING AND PUTTING INTO SERVICE.**
  - Ensure pipe is correct specification and that valves, fittings and pipe met local authority requirements.
  - Designed for applications up to 232psi at 68°F up to 1 1/2"
  - Chemical resistance— for special applications check suitability of materials with manufacturer.



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