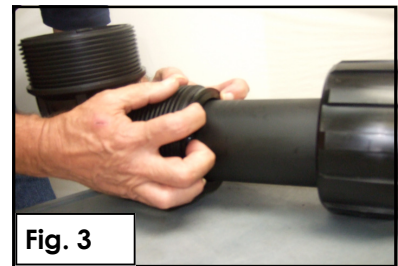
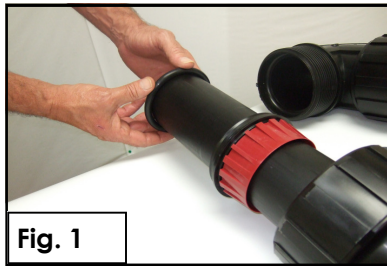


# INSTALLATION INSTRUCTIONS FOR 3" AND 4"

FLOPLAST FITTINGS ON POLYETHYLENE PIPE—CTS AND IPS



## Step 1

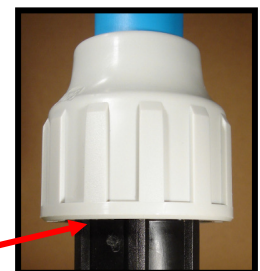
- **Cut** pipe square, an uneven cut will result in leakage
- **Clean** pipe ends with soap water and cloth insuring it is cleaned from debris such as dirt, oil, sand, etc.. to ensure a leak-free connection.
- **You** may also use soapy water, if available, on the pipe, which will make it easier to seat the O-ring. Before using any lubricant on pipe directly (if being installed in a potable water system), ensure it meets NSF approval.
- **Remove** fitting components from central fitting body.
- **Important: Slide parts on pipe in this order: (Fig. 1)**
  - Compression Nut (threads facing fitting body)
  - Grip-ring (**ensure the taper on ring faces away from fitting body**)
  - Compression ring (flat side away from fitting body)
  - O'ring on the end of the pipe

## Step 2

- **Insert** the pipe into the body of the fitting until it meets the interior step of the fitting body. (Fig. 2)
- **Ensure** O-ring is correctly positioned on the pipe and draw close to the body.
- **Slide** Compression ring against O-ring using hand force (Fig.3), this is to seat the o'ring onto the body.
- **Slide** Grip-ring against Compression ring (**important to have grip ring tight against compression ring**)
- **Slide** Compression Nut onto threads.

## Step 3

- **Apply** Teflon tape on male threads for the purpose of easing the friction between the cap and the threads. You may also use soapy water, if available, on the pipe, which will make it easier to slide the O-ring into the fitting. Before using any lubricant on pipe directly (if being installed in a potable water system), ensure it meets NSF approval.
- **Tighten the Compression Nut** towards the body of the fitting using a suitable pipe wrench. **DO NOT USE CHAIN WRENCHES OR STRAP WRENCHES.** This is because the wrenches apply pressure around the entire cap and causes pressure on the threads, which makes it much harder to tighten. Using a chain or strap wrench will cause you to experience extreme tightness before all threads are actually covered.
- **Screw the Compression Nut** tightly towards the body of the fitting using the **FLOPLAST** wrench or suitable tool.
- **IPS Fittings require compression nut be completely turned to the end of the threads to insure a leak proof connection.**



### 1. 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 4"
- Chemical resistance— for special applications check suitability of materials with manufacturer.

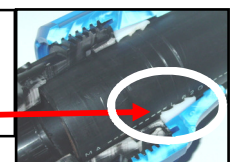
Optional **Floplast** Wrench:



#776004  
Metal Wrench  
(for 1 1/4" to 4")

### The Floplast difference is in the Grip Ring!

Our fittings have an exclusive grip ring that "bites" into the pipe material holding it firmly in place preventing any pull back or loss of pressure against the o'ring.



P.O. Box 529, Muenster, TX 76252  
Phone: 940-825-3300; 877-356-7527  
Fax: 940-825-4075  
Web: [www.floplastfits.com](http://www.floplastfits.com)