


 <p>4700 W. 160th St. Cleveland, OH 44135 PH: 800-321-9532 FX: 800-321-9535 www.oatey.com</p> <p>TECHNICAL SPECIFICATION</p>	<p><b>140 SERIES / 101 PNC SERIES BRASS AND PLASTIC NO-CAULK SHOWER DRAIN INSTALLATION INSTRUCTIONS</b></p>	
<p><b>TECHNICAL SPECIFICATION:</b> Oatey Brass and Plastic No-Caulk Shower Drains are designed for use with preformed shower stall bases. The drain body is sealed to the shower base with a locking ring, fiber washer and rubber sealing washer. 2" Schedule 40 DWV pipe is secured with a mechanically compressed gasket that doesn't require caulking. Drain top accommodates Oatey 4.25" Universal Snap-Tite Strainers available in a variety of designer finishes.</p>		

Oatey No-Caulk Shower Drains are available in Brass, PVC and ABS.



**Always check your local building and plumbing code requirements before starting any project.** This plumbing product is not intended for use in a tiled shower floors which require a shower pan liner. If your shower installation requires an Oatey PVC or CPE shower liner, visit [www.oatey.com](http://www.oatey.com) and view the 130 Series Shower Drains for Tile Shower Bases. This style of shower drain is designed for preformed shower bases only. Follow these easy instructions for a successful project.

Tools required for installing your new [Oatey No-Caulk Shower Drain](#)

- One medium or large flat head screwdriver
  - One large pair of Channel Locks or tool capable of securing the large locking ring under the base
  - [Oatey Plumber's Putty](#) **\*\*Make sure you use [Oatey Stain Free Plumber's Putty](#) if your shower base is Granite, Marble, Quartz, Sandstone, Corian®, Plastic or any natural porous surface.**
1. Disassemble all eight (8) pieces included with your new [Oatey No-Caulk Shower Drain](#). If you are missing any of the individual parts, stop installation and return the product to the place of purchase for assistance. **The separate drawing illustrates the individual parts and installation number.**
  2. Make sure both sides of the shower base hole (7) are clean and free of any debris.
  3. Ensure that your drain pipe (8) is cut to desired height and connected to the drain P-trap. The top of your drain pipe should finish 3/4" below the top of No-Caulk barrel flange (5) after the shower base is set into its final location. **(\*See notes at end of instructions that will explain how to determine finish height of drain pipe)**
  4. Remove any burrs and chamfer the top end of drain pipe before installing rubber pipe gasket (4). Chamfering refers to the rounding of sharp edges on the outside end of plastic pipe after cutting to size.

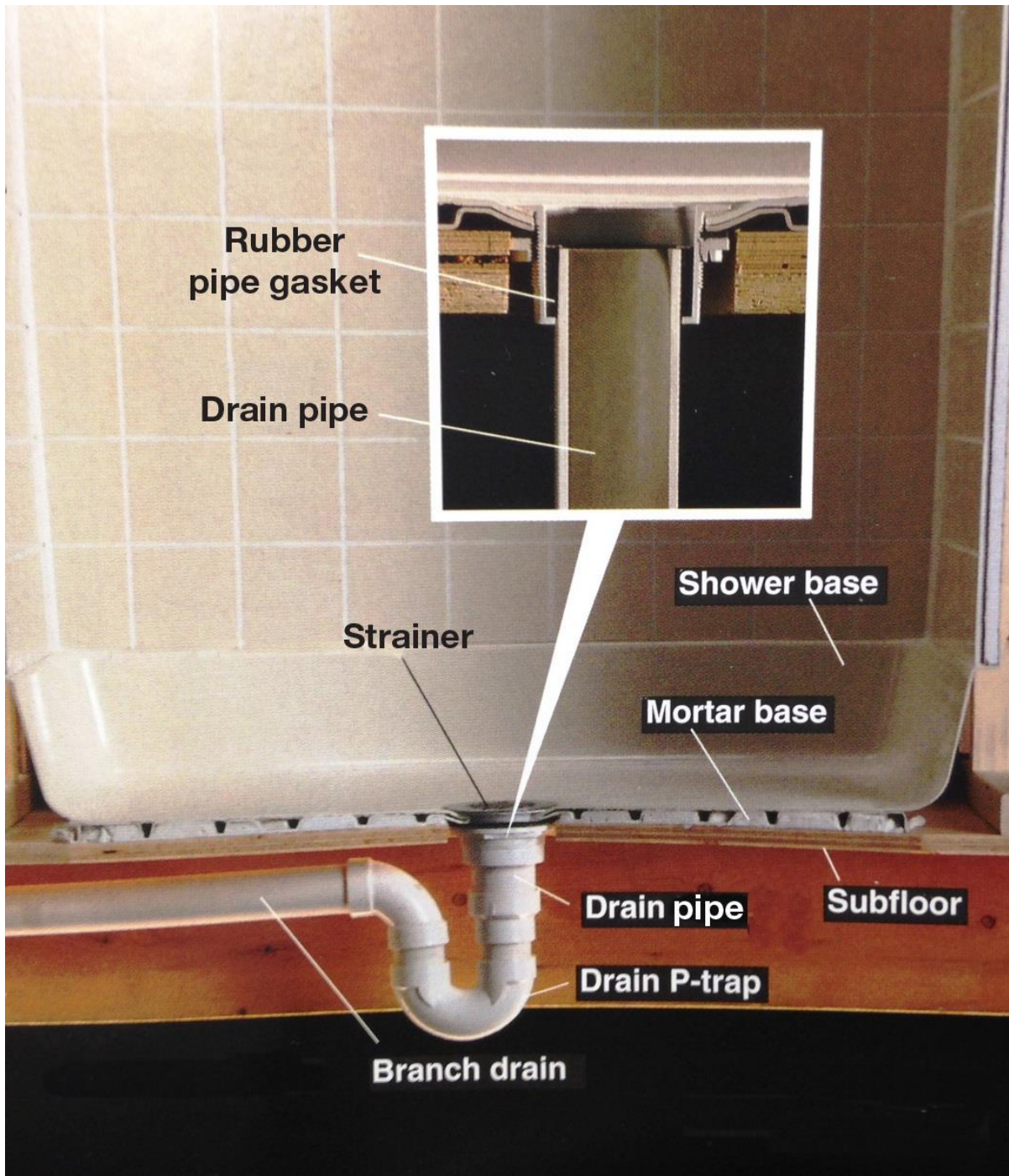
5. Install the new [Oatey No-Caulk Shower Drain](#) onto the shower base, then place the shower base temporarily into the location where it will be installed. This should be done in order to determine the exact finished height of the drain pipe.
6. After working the [Oatey Plumber's Putty](#) (6) to a soft pliable state in your hands, apply a ½” bead to the entire underside of No-Caulk barrel flange. (See the note above when choosing the correct plumber's putty for your application). Place the No-Caulk barrel through the top side of shower base hole, compressing down as far as you can without twisting. Excess putty will ooze out around the No-Caulk Drain on the top and bottom of shower base.
7. **NOTE;** if your [Oatey No-Caulk Shower Drain](#) is made from ABS (black) materials, you cannot use any type of putty; you must use a 100% silicone product in place of the putty.
8. While pushing the No-Caulk barrel against the top of shower base, you can wipe away any excess putty which has oozed out around the barrel from the top and bottom of shower base. Still pushing down on the No-Caulk barrel, place the rubber sealing washer (9) over the barrel and tight to the underside of shower base. Repeat this step with the friction washer (10) and finally the locking ring (11); tighten the locking ring down with the Channel Locks or comparable tool until tight. If time permits, allow the putty to relax and ooze out for 30 minutes and then tighten the locking ring again to ensure all surfaces have a secure water tight fit.
9. You can now install your shower base into the final location. Follow the manufactures guidelines for your specific make and model of shower base.
10. Place the rubber pipe gasket (flat side down) over the drain pipe coming up through the No-Caulk barrel. Push down on the rubber pipe gasket until it sets at the bottom of the No-Caulk barrel. If it is a little snug, gently tap the top of the rubber pipe gasket with a blunt object until it settles to the bottom.
11. Thread the gasket set screw (3) into place over the drain pipe. Then tighten the gasket set screw with the supplied wrench (2) and flat head screw driver until tight.
12. Clean off any excess putty and you are ready to test your new [Oatey No-Caulk Shower Drain](#).
13. **TESTING;** block the drain pipe with a sponge, rag, test ball or test plug. Make sure the plug of choice is in tight enough that it won't fall down into the drain pipe. Fill the shower base with approximately 3” to 4” of water and let it set inside the shower base for at least a period of time no less than four (4) hours before allowing water to drain out. If there are any signs of water loss or leaks during the four (4) period of time, you must identify the issue, make necessary repairs and retest the assembly before finishing the project.
14. Install the shower strainer (1) and give the shower base a final cleaning before use.

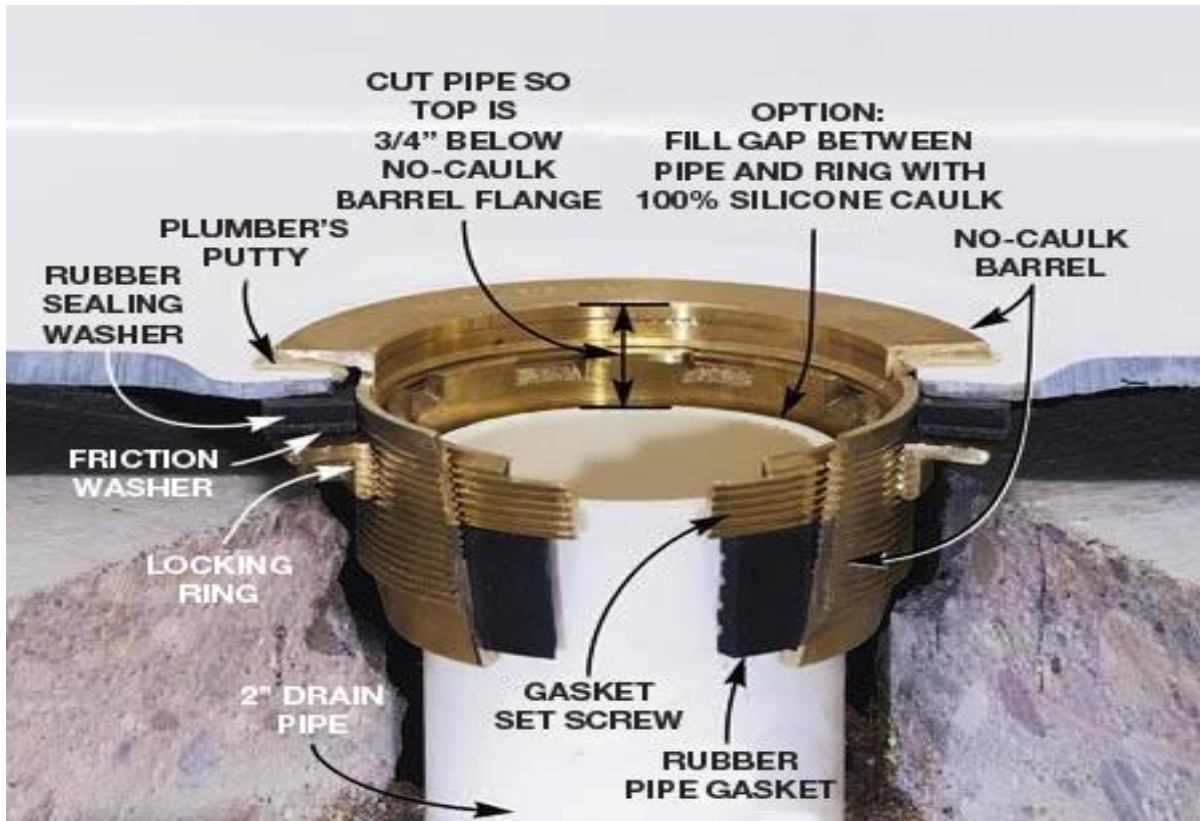
**\*NOTE;** the following are two ways to determine the finished height of your drain pipe. For either option you will need to first install the No-Caulk barrel onto the shower base as describe above.

- If your vertical drain pipe is already connected to the P-trap below the subfloor, you will determine the finished drain pipe height in one of two ways.
  - .1. Set the shower base with No-Caulk barrel installed down over the drain pipe. If the drain pipe's finished height is above the No-Caulk barrel flange, mark the drain pipe parallel with the top of the No-Caulk barrel flange and remove the shower base while being careful not to apply pressure on the pipe. From the mark you made on the drain pipe you will measure down and cut off an additional ¾” of pipe, this will leave the finished height of the drain pipe ¾” below the top of the No-Caulk barrel flange when the shower base is put into its final location.
  - .2. If the finished height of drain pipe is more than ¾” below the No-Caulk flange when you place the shower base into position, you will need to cut the pipe far enough below the subfloor so that a coupling and new piece of vertical drain pipe can be installed to achieve the specified height of ¾” below top of No-Caulk barrel flange.
  - .3. Once you have achieved the correct finished height of drain pipe, you can continue installing your shower base starting with step #4 of the instructions above.

- If your vertical drain pipe isn't connected to the P-trap below the subfloor, you will determine the finished drain pipe height as follows;
  - .1. Set the shower base with the No-Caulk barrel installed into the rough opening centered over the P-trap below the subfloor. Measure the distance from P-trap to the top of No-Caulk barrel flange; subtract  $\frac{3}{4}$ " from the measurement and cut you pipe to the exact size. Remove the shower base and cement the vertical drain pipe into the P-trap before placing the shower base into the final location. You can now proceed with step #4 in the instructions above.
- Reference the attached photos for finished drain pipe height and one possible finished installation.

**\*Make sure you cut all pipe ends square, chamfer pipe ends and de-burr pipe ends before assembly\***





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