

**Go Devil**

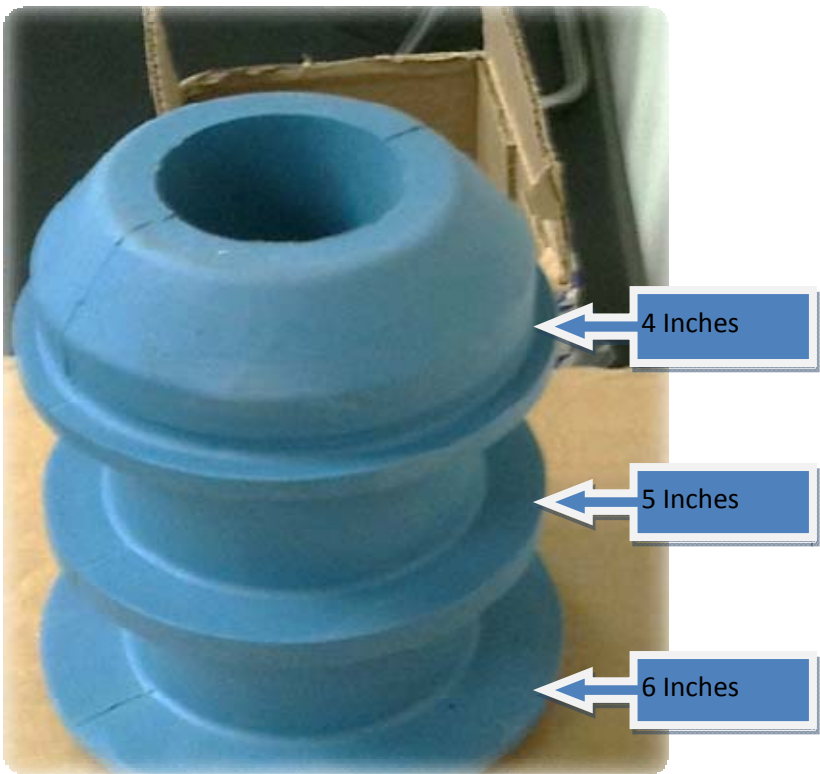
**Go Devil:** A device that is inserted into a pipeline for the purpose of cleaning; a line scraper.

Vertical lines for high-rise work should almost always be cleaned by moving concrete back toward the pump.

In the most common method, a go-devil or blow-out ball is inserted at the discharge end of the slick line and a blowout cap is attached. Compressed air is then used to push the concrete out of the line. The blow-out ball must be inserted and the blow-out cap attached before disconnecting the bottom end of the line from the pump or switching the diversion valve to the cleanout line. Otherwise, concrete in the vertical section of line will fall, trapping air between concrete in the line on the deck and concrete in the line on the ground. When cleanout is begun, this air pocket will be compressed and may create a safety hazard. If a separate placing boom is used on the job, the boom is lowered so that the tip section of boom pipe is lying horizontally on the deck. The discharge hose is removed before a blow-out ball is inserted in the line.

**Safety precautions**

Always be very careful when using compressed air to clean out pumping lines because concrete under pressure will be ejected at a high velocity. It's particularly dangerous to break back a line that is under pressure. Be sure that the blow-out cap has a bleeder valve installed so that pressure can be relieved if a blockage occurs. Don't attach a hose to the discharge end of the cleanout line—a hose can recoil violently as the line is blown out. Use a devil catcher and firmly anchor the end of the line so that it won't whip around as the ball or go-devil is blown into the devil catcher. Also, shield the discharge end with sheets of plywood to prevent workers in the area from getting hit by concrete when the blowout ball exits the pump line.



The Go Devil, has three common measures in one product market (figure) of 4,5,6 inch flexible and enables cleaning materials at any angle and curved ducts or pipes, life is 2 years average , while the sponge ball is for single use only. The regular price of a sponge ball is \$ 12.85 for us usually just use the Go Devil price is \$ 80.00 per unit and used many times as needed.