

RubberLox™ Pipe Clamp



Control and Pump Switches

FLOAT SWITCH ATTACHMENT, ADJUSTABLE / REUSABLE STRAP (MULTI-USE)

TECHNICAL DATA SHEET

DESCRIPTION OF OPERATION



Float Switch Application Shown - Pipe Clamp

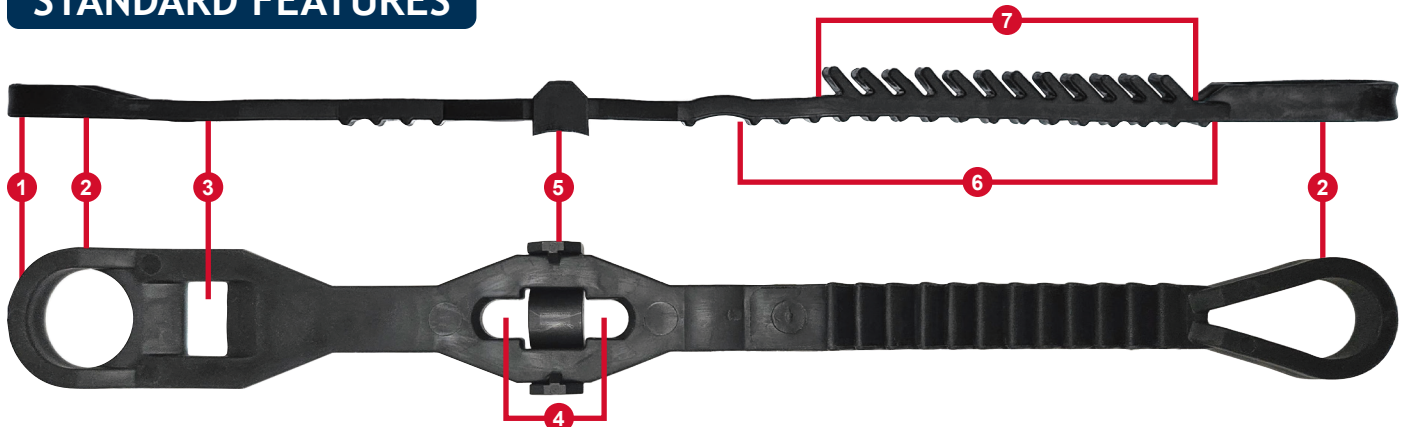
The RubberLox™ Pipe Clamp is an adjustable and reusable strap, typically fastened to a 1¼" - 2" (1.65" - 2.4" OD) PVC pipe and used as a pivot point for the activation of a control or pump float switch. When using as a pipe clamp, the adjustable strap will accommodate cable sizes from 18/2 to 14/2 gauge. The pipe clamp/adjustable strap can be used to secure excess cable of any type, including but not limited to: float cables, extension cords, and air hoses.

Each end of the pipe clamp/adjustable strap has finger grips, no tools require making for an easy and quick installation or to make adjustments.

Installation is simple, wrap around the pipe at the desired mounting location with the cable placement area facing towards the pipe and insert the end into the through hole. Tighten by pulling on the finger gripped ends with your hands or pliers for extra grip and then ratchet until securely fastened.

To loosen, adjust, or completely remove the pipe clamp/adjustable strap, use reverse motion and force on the finger grip ends. The through hole and locking ratchet tabs are flexible, which allows them to pass in and out of the through hole in both directions.

STANDARD FEATURES



(1) Pipe Clamp/Adjustable Strap Material - Made with EPDM synthetic rubber, the pipe clamp is extremely flexible for installation, adjusting, and releasing of the pipe clamp easy and fast.

(2) Finger Grips - No tools are required to tighten, adjust, or loosen the pipe clamp. If desired, use a pliers for extra grip while ratcheting to secure the pipe clamp at the desired mounting location.

(3) Through Hole - The pipe clamp is folded around a pipe, place the end of the strap into the through hole and ratchet until securely fastened.

(4) Cable Placement Area - Secure a float or pump switch to a pipe in the monitoring area, align the cable vertically and centered. After securely fastening, perform a pull test to make sure there is no slipping. This side of the pipe clamp should face towards the pipe for proper installation.

(5) Cable Slot - The slot is sized for 18 AWG to 14/2 AWG type float switch cables and acts as a pivot point for the control or pump float switch.

(6) Gripper Teeth - Located on the same side of the pipe clamp as the cable placement area and used to grip the pipe when fastening to prevent slipping. This side should face the towards the pipe for proper installation.

(7) Locking Ratchet Tabs - Located on the opposite side of the gripper teeth, the tabs are used to securely fasten the pipe clamp after the strap has been fed into the through hole. To loosen, adjust, or completely remove the pipe clamp, use reverse motion and force on the finger grip ends. The tabs are flexible, which allows them to pass in and out of the through hole in both directions.

SPECIFICATIONS

RubberLox™ Pipe Clamp/Adjustable Strap (patent pending)

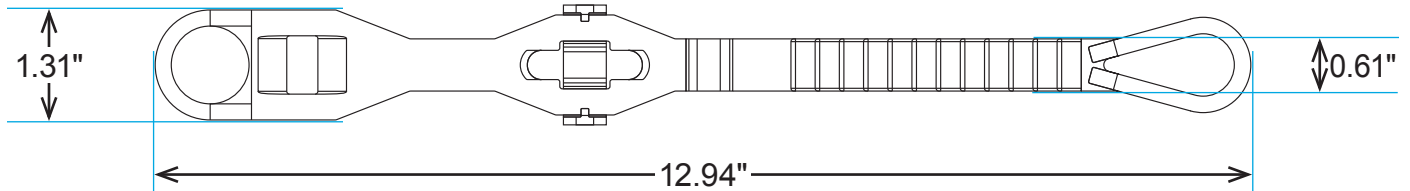
Material
EPDM Synthetic Rubber

Operating Temperature
-40° F to 200° F

Cable Slot
18/2 AWG to 14/2 AWG type cable sizes

Three-Year Limited Warranty

MECHANICAL DRAWING



FAQs

- 1) What is the minimum and maximum pipe size that can be used?**
Answer: 1¼-inch Minimum PVC Pipe (1.65-inch OD), and 2-inch Maximum PVC Pipe (2.4-inch OD)
- 2) Will it work on all pump switches; 10A, 13A, and 15A?**
Answer: Yes
- 3) How durable compared to a regular zip tie?**
Answer: In our opinion, more durable because it's heavier, flexible and works better in warm/cold temperatures.
- 4) Do they get brittle after some time in the tank?**
Answer: No, unit has been tested in actual septic tank conditions.
- 5) How good is the chemical resistance of RubberLox™?**
Answer: Excellent, we have tested with chemicals used by UL for sewage testing: Acetic Acid (5%), Detergent (5%), Distilled Water, Soap Flake (5%), Lard (100%), Corn Oil (100%), Sodium Carbonate (5%), Sodium Chloride (5%), Sodium Hydroxide (5%), Sodium Sulfate (5%) and Synthetic Urine (do not use for hydrocarbons, gasoline, etc.).
- 6) Are they reusable?**
Answer: Yes, they are releasable and reusable.
- 7) Are they faster to install than a standard stainless steel pipe clamp?**
Answer: Yes, 20-30 seconds to install RubberLox™ vs. 3-4 minutes for stainless steel pipe clamp.
- 8) Which is better, a stainless steel pipe clamp or the RubberLox™ pipe clamp?**
Answer: In our opinion, RubberLox™ is faster to install and can withstand harsh chemical environments where as stainless steel can still rust in sewage environments. No need for tools, preventing contamination of tools.
- 9) Where else can I use RubberLox™?**
Answer: Only limited by your imagination, see a few examples in applications section below.

APPLICATIONS



- 1 Pipe Clamp**
Typically used to secure the float or pump switch to a pipe



- 2 Multiple Cables**
Secure multiple cables, typically used in lift stations

- 3 Excess Cable**
Secure excess cables (i.e., float cable, extension cords, air hoses, etc.)



ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current year price sheet or visit alderonind.com for more information.

PART NUMBER	DESCRIPTION
8091	RubberLox™ Pipe Clamp
8092	RubberLox™ Pipe Clamp, Contractor Pack (Qty 12)