

POLYFORM'S UNIQUE VINYL VALVE

The vinyl valve is molded as a separate piece and fitted to the fender during the molding process. This ensures a consistent shape and uniform quality to all our valves.

Polyform
#10 Inflation
Adapter



INFLATION INSTRUCTIONS

1. Several types of air sources may be used to inflate your Polyform product.

- A) Polyform #30 Hand Pump
- B) Other hand or foot operated pumps
- C) Air compressor
- D) Service station air pump



2. Remove white plastic screw from the valve (located near the ropehold)

3. If you are using a gas station or portable air compressor, set your gauge at 2 PSI. Do not go beyond this setting. Insert the inflation adapter in the valve opening and apply the nozzle to the adapter and depress to start the air flowing. If you are using a hand or foot operated pump, insert the inflation adapter into the nozzle first. The adapter is threaded for your convenience.

NOTE: If no air can be put into the product, the convenience flap may be stuck. Insert a small blunt rod (Allen wrench, Phillips screwdriver, or stiff wire) into the valve and gently push the convenience flap open.

4. Fill the Polyform fender or buoy until the walls are fully expanded. The best way to check that is to measure the circumference of the particular product and match the chart measurement. You should also be able to easily push with your thumb and depress the wall 1/4-inch.

5. After filling the product to the correct size, remove the pump and replace the screw. Remember that you are screwing a plastic screw into plastic threads. The screw will come to a stop when the screw head is flush with the top of the valve casing. Do not force the screw past this point or damage to the valve will occur.

NOTE: Do not use power drill/drivers to tighten. The torque can easily drive through the valve.

Polyform
U.S.®

NEED HELP OR HAVE QUESTIONS?
Contact Polyform U.S. at 1-800-423-0664 or visit our website at www.polyformus.com

AIR COMPRESSOR



- 1) Remove white screw from valve casing.



- 2) Cover valve casing with tapered air compressor nozzle.



- 3) Blow air into product



- 4) Remove air compressor nozzle.



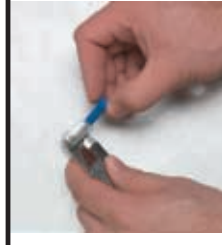
- 5) Replace white screw and tighten with screwdriver.

DO NOT use power drills/drivers.
The torque can easily drive the screw through the valve.

INFLATION ADAPTER



- 1) Remove white screw from valve casing.



- 2) Attach inflation adapter to air source or handpump.



- 3) Insert inflation adapter to valve casing.



- 4) Inflate product.



- 5) Remove air compressor/inflation adapter. Replace white screw and tighten with screwdriver.

DO NOT use power drills/drivers.
The torque can easily drive the screw through the valve.

POLYFORM PUMP



1) Remove screw from casing. Insert Polyform hand pump.



2) Inflate product. Remove hand pump and replace white screw and tighten with screwdriver.

INFLATION

The inflation guide below is to help you determine if your buoy or fender is properly inflated to its maximum size in fender to provide optimum performance.

INFLATION GUIDE

Product	Max. Circumference	Product	Max. Circumference
A-0	28.5 in. 72,0 cm	CC-1	34.5 in. 88,0 cm
A-1	36.0 in. 91,0 cm	CC-2	44.5 in. 113,0 cm
A-2	48.5 in. 123,0 cm	CC-3	58.5 in. 148,0 cm
A-3	58.5 in. 148,0 cm	CC-4	68.0 in. 173,0 cm
A-4	68.0 in. 172,0 cm	CC-5	86.5 in. 220,0 cm
A-5	86.5 in. 220,0 cm	CC-6	106.5 in. 270,0 cm
A-6	106.5 in. 270,0 cm	CM-2	44.5 in. 113,0 cm
LD-2	37.7 in. 96,0 cm	CM-3	58.5 in. 148,0 cm
LD-3	45.0 in. 114,0 cm	G-3	17.3 in. 43,9 cm
F-1	18.5 in. 47,0 cm	G-4	20.4 in. 51,8 cm
F-2	25.0 in. 63,8 cm	G-5	26.7 in. 67,8 cm
F-3	27.0 in. 69,0 cm	G-6	33.0 in. 83,8 cm
F-4	27.0 in. 69,0 cm	HTM-1	18.8 in. 47,8 cm
F-5	37.0 in. 94,0 cm	HTM-2	25.1 in. 63,8 cm
F-6	37.0 in. 94,0 cm	HTM-3	31.4 in. 79,8 cm
F-7	47.0 in. 119,0 cm	HTM-4	38.0 in. 96,5 cm
F-8	47.0 in. 119,0 cm		
F-10	58.0 in. 147,0 cm		
F-11	74.0 in. 188,0 cm		
F-13	99.0 in. 251,0 cm		

Note: When inflating with an air compressor, set the PSI to 2 lbs. pressure.

VISUAL GUIDE TO OVER INFLATION



An over inflated HTM has bowed out sides and a rounded top as shown above.



An over inflated F has bowed out sides and a rounded top as shown on below.



An over inflated LD has bowed out sides and a rounded bottom as shown above.

Getting the most from your Polyform products

Polyform's products are manufactured using the best available marine grade vinyls and are designed to perform superbly under the most adverse conditions. With a little care, they'll provide years of trouble-free service. Please pay special attention to the inflation information. Improper inflation not only reduces product performance, but can shorten the life of your buoys and fenders.

CLEANING

Soap and water, mineral spirits or vinyl cleaner will effectively clean all Polyform products. Do not use stronger chemicals, such as acetone, MEK, or lacquer thinner containing ketones. These products will cause irreversible breakdown of the chemical composition of the product and will void the warranty. Regularly scheduled maintenance with approved cleaning products will prolong the life of the product and keep it looking new.

PATCHING

Polyform supplies a patching kit for repairing small punctures in buoys and fenders. This patching kit is very successful when used for these types of repairs. Large cuts, or repairs to buoys and fenders used in extremely severe applications may not patch successfully. If there is a question or concern regarding repairs, contact your local Polyform representative or call the factory direct.



PAINTING AND MARKING

Polyform provides custom marking inks which are specially formulated to permanently fuse to the product. These inks are designed to withstand ultraviolet rays and saltwater. Use of a product other than Polyform's may void the warranty.



ACCESSORY ORDERING INFORMATION

POLYFORM HAND PUMP

Specially designed for inflating Polyform products.

Item #	Description	Pieces Per Carton
10	Inflation Adapter	50
20	Patch Kit: 1 oz. Tube	12
30	Pump	6
42	Blue Ink: 1 liter	12
43	Red Ink: 1 liter	12

THE POLYFORM WARRANTY

Polyform U.S. warrants its products to be free of defects in workmanship and material under normal use and service and when used for the purposes and under the conditions for which they are intended. Over inflation of any product immediately voids any warranty claim. (Refer to inflation guide for maximum inflation values). Other product failures which Polyform U.S. determines are caused from abuse or neglect will also void the warranty. Obligation under this Warranty is limited to repair or replacement of the defective product. Purchaser must immediately notify POLYFORM U.S. of the claimed defect. POLYFORM U.S. shall have the right to inspect said product and Purchaser shall, if requested, return the defective product to POLYFORM U.S. POLYFORM U.S. shall not be liable for indirect, special, incidental or consequential damage or penalties and does not assume any liability of Purchaser to others for injury to person or property.

THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED.