

# Polyform



BUOYS, FENDERS & ACCESSORIES  
2 0 0 4

# G SERIES



## FEATURES:

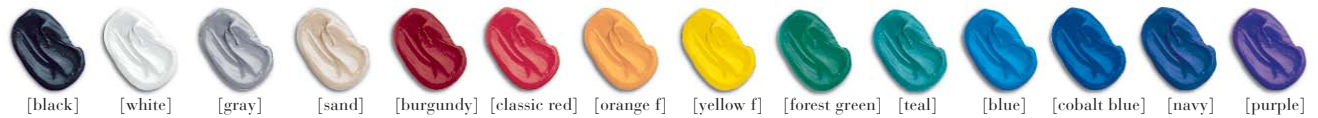
- Even wall thickness for maximum strength
- Molded in ribs for strength and abrasion resistance
- Reinforced ropeholds
- Designed for use by trailered boats and permanent protected moorings
- Offered in 14 colors to suit any vessel: black, white, gray, classic red, burgundy, sand, forest green, teal, blue, cobalt, navy, purple, yellow & orange
- Unique Polyform valve for years of service

## G SERIES: The first ribbed utility fender

### G SIZES:

	G-1	G-2	G-3	G-4	G-5	G-6
<b>SIZE</b> [Diameter x Length]	3.5" x 13" [8,9 x 33,0cm]	4.5" x 16" [11,4 x 40,6cm]	5.5" x 20" [14,0 x 50,8cm]	6.5" x 23" [16,5 x 58,4cm]	8.5" x 27" [21,6 x 67,8cm]	10.5" x 30" [25,7 x 76,2cm]
<b>EYE DIAMETER</b>	3/8" [0,95cm]	1/2" [1,27cm]	5/8" [1,27cm]	3/4" [1,91cm]	3/4" [1,91cm]	7/8" [2,22cm]
<b>CIRCUMFERENCE</b>	11" [27,9cm]	14.1" [35,8cm]	17.3" [44,0cm]	20.4" [51,8cm]	26.7" [67,8cm]	33" [83,8cm]
<b>PIECES PER CARTON</b>	12	12	6	6	4	4

## G & HTM COLORS: f = fluorescent



[black] [white] [gray] [sand] [burgundy] [classic red] [orange f] [yellow f] [forest green] [teal] [blue] [cobalt blue] [navy] [purple]

# HTM SERIES

## FEATURES:

- Even wall thickness for maximum strength
- Molded in ribs for strength and abrasion resistance
- Reinforced tube ends
- Designed for use in medium duty applications in both permanent protected and unprotected moorings
- Offered in 14 colors to suit any vessel: black, white, gray, classic red, burgundy, sand, forest green, teal, blue, cobalt, navy, purple, yellow & orange
- Unique Polyform valve for years of service



## HTM SERIES: Where style and function come together

### HTM SIZES:

	HTM-1	HTM-2	HTM-3	HTM-4
<b>SIZE</b> [Diameter x Length]	6" x 15" [15,2 x 38,1cm]	8" x 20" [20,3 x 50,8cm]	10" x 26" [25,4 x 66cm]	12" x 34" [30,5 x 86,4cm]
<b>TUBE DIAMETER</b>	5/8" [1,59cm]	5/8" [1,59cm]	5/8" [1,59cm]	5/8" [1,59cm]
<b>CIRCUMFERENCE</b>	18.8" [47,7cm]	25.1" [63,7cm]	31.4" [79,8cm]	37.7" [95,8cm]
<b>BUOYANCY RATINGS</b>	15 lbs. 7kg	37 lbs. 17kg	77 lbs. 35kg	145 lbs. 66kg
<b>PIECES PER CARTON</b>	6	4	4	4



## FEATURES:

- Wide range of sizes to suit any vessel
- Unique vinyl valve seals securely
- Even wall thickness
- Multiple ribbed reinforced ropeholds
- Twin-eye design for vertical or horizontal use
- Designed for use in permanent unprotected moorings, pilings, locks and concrete walls

## F SERIES: The ultimate fender for the most extreme conditions

### F SIZES:

	F-1	F-02	F-2	F-3	F-4	F-5
SIZE [Diameter x Length]	6" x 25" [15 x 64cm]	8" x 27" [20 x 68cm]	9" x 25" [22 x 64cm]	9" x 30" [22 x 76cm]	9" x 41" [22 x 104cm]	12" x 30" [30 x 76cm]
EYE DIAMETER	0.7" [1.8cm]	0.7" [1.8cm]	0.9" [2.2cm]	0.9" [2.2cm]	0.9" [2.2cm]	1.0" [2.4cm]
CIRCUMFERENCE	18.8" [47.1cm]	25.1" [62.8cm]	28.3" [69.1cm]	28.3" [69.1cm]	28.3" [69.1cm]	37.7" [95.8cm]
BUOYANCY RATINGS	18 lbs. [8kg]	25 lbs. [12kg]	29 lbs. [13kg]	44 lbs. [20kg]	77 lbs. [35kg]	99 lbs. [45lbs]
PIECES PER CARTON	10	10	10	10	5	5

### F COLORS:

[white]

[blue]

Other Polyform colors available by special order



### POLYFORM'S UNIQUE VINYL VALVE:

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

## INSIDE THE F SERIES

When it comes to fenders, Polyform's F Series has no equal. No other manufacturer of inflatable fenders can say theirs have the same blend of one piece construction, consistent wall thickness and the overall durability that our F Series has. All you have to do is to look anywhere in the world at vessels over 60 feet. You will most likely see a Polyform F Series fender on it. This includes some of the world's most prestigious yachts as well as naval and coast guard ships around the world. Many have tried to copy our design and range of sizes, but the consistent Polyform quality and availability keeps us as the undisputed leader in this style of fender!

### F-13 FEATURES:



**DUAL VALVE SYSTEM:** The F-13 features two valves located on opposite sides of the ropehold in the blue top – the normal Polyform inflation valve with the words "AIR IN" molded next to it, for easy inflation, and a blue colored valve with the words "AIR OUT" molded into the buoy for easy deflation and storage.

# EFC SERIES

## FEATURES:

- Hand-crafted with heavy duty polyester fabric for durability
- Washable
- Custom fit for a tailored look
- Drawstring closures instead of elastic – which can become brittle and break
- Quick and easy installation
- Limited three year warranty (see page 11 for details)

**NEW FOR 2004:  
FENDER COVERS  
FOR THE A-4,  
A-5 & A-6**



*Fender covers should be as tough as the fenders they protect. The result is a fender cover that is built to last for many years and not just a season. So, when it comes to selecting a fender cover, choose the one that's as strong as your fenders, Elite Fender Covers.*



**ELITE FENDER COVERS:  
Built to protect your  
fenders from sun  
and abrasion**

	EFC-1	EFC-2	EFC-3	EFC-03	EFC-4	EFC-5	EFC-7
FITS FENDER SIZES	G-3, G-4 HTM-1, F-1	G-5, HTM-2 F-2, F-02	HTM-3 G-6	F-3	HTM-4 F-6	F-5	F-7
COLORS	Blue or Black	Blue or Black	Blue or Black	Blue or Black	Blue or Black	Blue or Black	Blue or Black
PIECES PER CARTON	24	24	24	24	12	12	12
	EFC-8	EFC-10	EFC-11	EFC-13	EFC-A4	EFC-A5	EFC-A6
FITS FENDER SIZES	F-8	F-10	F-11	F-13	A-4	A-5	A-6
COLORS	Blue or Black	Blue or Black	Blue or Black	Blue or Black	Black only	Black only	Black only
PIECES PER CARTON	12	12	12	6	12	10	6

## TRUE FIT FENDER HOLDER KITS:

Polyform's versatile True Fit fender holders are available in ready to assemble kits – each kit comes complete with everything needed for a two or three fender set. All pieces also available individually.



**TFR-403**  
Parallel Connector  
[Fits all holders]



**TFR-402**  
Swivel Connector  
[Fits 7/8"–1" rails]

**TFR-404**  
Swivel Connector  
[Fits 1-1/4" rails]

# TFR SERIES

## FEATURES:

- Versatile system for easy installation
- Durable construction for years of service
- Flexible modular design – add on or reconfigure at anytime
- Available as individual pieces or as a kit for a two or three holder assembly
- One of the most popular fender holders on the market



*Polyform's modular system will fit rail systems from 7/8" to 1-1/4" at any height or angle, and allows you to mix and match sizes.*



**TRUE FIT FENDER  
HOLDERS:  
Polyform's flexible  
system conforms to  
virtually any rail or  
pulpit configuration**

	TFR-170	TFR-230	TFR-280	TFR-360	TFR-402	TFR-403	TFR-404
DIAMETER	6.75" [170mm]	9" [230mm]	12" [280mm]	14" [360mm]	Swivel Connector	Parallel Connector	Swivel Connector
FITS	6" fenders	8" fenders	10" fenders	12" fenders	7/8"–1" rails	All holders	1-1/4" rails
PIECES PER CARTON	12	12	12	4	12	12	12
KITS FOR USE WITH 2 FENDERS AND MOUNT TO 7/8" – 1" RAILS				KITS FOR USE WITH 3 FENDERS AND MOUNT TO 7/8" – 1" RAILS			
	TFR-170-2	TFR-230-2	TFR-280-2	TFR-170-3	TFR-230-3	TFR-280-3	
DIAMETER	6.75" [170mm]	9" [230mm]	12" [280mm]	6.75" [170mm]	9" [230mm]	12" [280mm]	
FITS	6" fenders	8" fenders	10" fenders	6" fenders	8" fenders	10" fenders	

## FENDER ACCESSORIES

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 on page 10. 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.



### #10 INFLATION ADAPTER:

Inflation adapter is specifically designed to fit all Polyform buoys and fenders for quick and easy inflation.

### #20 PATCH KIT:

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.



### #30 POLYFORM HAND PUMP:

Specially designed for inflating Polyform products.

**[NEW]**

### #70 FENDER ADJUSTER:

Made from UV resistant vinyl with stainless steel hardware, Polyform's fender adjuster is easy to use. Adjust fender height instantly, with no knots! Accepts fender lines up to 5/8-inch in diameter. (white only)



**[NEW]**

### #75 LINE HOLDER:

This versatile line holder keeps line and cords neat and easily accessible. Made from UV resistant vinyl with stainless steel hardware for durability. (white only)



**[NEW]**

### #50 & #52 SMALL GALVANIZED SHACKLE & #51 & #53 SMALL STAINLESS STEEL SHACKLE

A handy addition to our products when you desire improved performance for tough mooring conditions. Specially designed bushing distributes load evenly to the ropehold. Each shackle is available with either a 1-1/4" or 1" bushing, for use with a variety of Polyform buoys and fenders -- see reference chart shown at right.



**#50**  
Galvanized  
Shackle  
[Shown with  
1-1/4" bushing]

**#52**  
Galvanized  
Shackle  
[Shown with  
1" bushing]



**#51**  
Stainless Steel  
Shackle  
[Shown with  
1-1/4" bushing]

**#53**  
Stainless Steel  
Shackle  
[Shown with  
1" bushing]



#### 1-1/4" BUSHING FITS:

A-2, A-3, A-4

#### 1" BUSHING FITS:

A-1

LD-2, LD-3

F-2, F-3, F-4, F-5, F-6,  
F-7, F-8, F10, F-11

#### ORDERING INFO:

- Inflation Adapter  
Item#: 10  
Pieces/Carton: 50
- Patch Kit: 1 oz. Tube  
Item#: 20  
Pieces/Carton: 12
- Hand Pump  
Item#: 30  
Pieces/Carton: 6
- Small Galvanized Shackle 1-1/4" Bushing  
Item#: 50  
Pieces/Carton: 50
- Small Stainless Shackle 1-1/4" Bushing  
Item#: 51  
Pieces/Carton: 50
- Small Galvanized Shackle 1" Bushing  
Item#: 52  
Pieces/Carton: 50
- Small Stainless Shackle 1" Bushing  
Item#: 53  
Pieces/Carton: 50
- Fender Adjuster  
Item#: 70  
Pieces/Carton: 12
- Line Holder  
Item#: 75  
Pieces/Carton: 12

# A SERIES

## FEATURES:

- Even wall thickness for maximum strength
- Heavy duty reinforced ropeholds
- Polyform's unique vinyl valve system
- Redesigned ropehold for A-1 through A-7 for improved strength and durability
- Dual valve inflation/deflation system for sizes A-5, A-6 & A-7
- Excellent rafting fender choice
- Offered in seven brilliant high-visibility colors

## NEW! POLYFORM SHACKLE

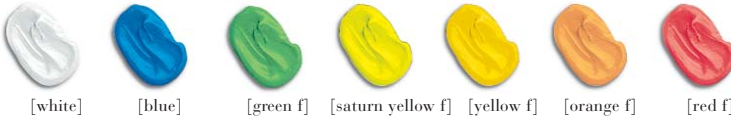
Fits A-2, A-3 and A-4, see page 9 for more information



## A SERIES: Around the world, more people rely on our A Series than all other buoys

	A-0	A-1	A-2	A-3	A-4	A-5	A-6	A-7
<b>SIZE</b> [Diameter x Length]	9" x 11.5" [23 x 29cm]	11.5" x 14.5" [29 x 37cm]	15.5" x 19.5" [39 x 49cm]	18.5" x 23" [47 x 59cm]	21.5" x 28" [55 x 71cm]	27.5" x 30" [70 x 92cm]	34.0" x 46.5" [86 x 118cm]	41.4" x 54.4" [105 x 138cm]
<b>EYE</b> <b>DIAMETER</b>	0.6" [1,6cm]	1.0" [2,5cm]	1.0" [2,5cm]	1.0" [2,5cm]	1.0" [2,5cm]	1.25" [3,0cm]	1.5" [3,8cm]	2" [5,0cm]
<b>CIRCUMFERENCE</b>	28.3" [72,2cm]	36.1" [91,1cm]	48.7" [122,5cm]	58.1" [147,6cm]	67.5" [172,7cm]	86.4" [219,8cm]	106.8" [270,0cm]	130.0" [329,7cm]
<b>BUOYANCY</b> <b>RATINGS</b>	13 lbs. [6kg]	29 lbs. [13kg]	68 lbs. [31kg]	121 lbs. [55kg]	187 lbs. [85kg]	396 lbs. [179,6kg]	792 lbs. [359,2kg]	1345 lbs. [610,1kg]
<b>PIECES PER</b> <b>CARTON</b>	20	10	10	10	10	5	3	2

## A & LD COLORS: f = fluorescent



## A-5, A-6 & A-7 FEATURES:

**DUAL VALVE SYSTEM** Two valves – the normal Polyform inflation valve with the words "AIR IN" next to it, for easy inflation, and a blue colored valve with the words "AIR OUT" molded into the buoy for easy deflation and storage.

# LD SERIES

## FEATURES:

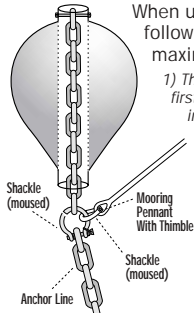
- Unique shape makes pot retrieval easier
- LD creates only 20% of the drag of standard round buoys
- Excellent choice for any offshore fishing application
- Polyform's unique vinyl valve system
- Even wall thickness for maximum strength
- Heavy duty reinforced ropehold
- Offered in seven brilliant high visibility colors
- Great rafting fender



## LD SERIES: First and still the undisputed leader in low drag buoys for over a decade!

	LD-2	LD-3
<b>SIZE</b> [Diameter x Length]	12" x 23" [30,5 x 59cm]	14.3" x 30" [36 x 76cm]
<b>EYE</b> <b>DIAMETER</b>	1.0" [2,5cm]	1.0" [2,5cm]
<b>CIRCUMFERENCE</b>	37.7" [95,8cm]	44.9" [113,0cm]
<b>BUOYANCY</b> <b>RATINGS</b>	68 lbs. [31 kg]	121 lbs. [55 kg]
<b>PIECES PER</b> <b>CARTON</b>	10	10

## CC SERIES AS A MOORING SYSTEM:



When using the CC series as a mooring ball, please follow these simple instructions to achieve the maximum use and durability of this product:

- 1) The CC series has a flexible center tube. You must first insert a rigid PVC pipe. (See chart below) DO NOT inflate the buoy until you have inserted the pipe.
- 2) For easy insertion lubricate both the tube and the pipe prior to inserting. Make the length of the pipe so that you have 3" extending beyond the top and bottom of the buoy.
- 3) Run a suitable size pin for your load through the top of the pipe and attach the shackle to the chain at the bottom of the buoy.



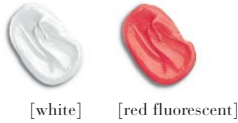
## CC SERIES: A versatile buoy

SIZE [Diameter x Length]	CC-1	CC-2	CC-3	CC-4	CC-5	CC-6
SIZE [Diameter x Length]	11" x 15.5" [28 x 39cm]	14" x 19" [36 x 48cm]	18.5" x 24" [47 x 61cm]	21.5" x 27.5" [55 x 70cm]	27.5" x 36" [70 x 92cm]	34" x 45.5" [86 x 115cm]
EYE DIAMETER	1.5" [3.8cm]	2.0" [5.0cm]	2.0" [5.0cm]	2.0" [5.0cm]	3.0" [7.5cm]	3.0" [7.5cm]
CIRCUMFERENCE	34.5" [87.9cm]	44.0" [113.0cm]	58.1" [147.6cm]	67.5" [172.7cm]	86.4" [219.8cm]	106.8" [270.0cm]
BUOYANCY RATINGS	27 lbs. [12kg]	55 lbs. [25kg]	121 lbs. [55kg]	187 lbs. [85kg]	374 lbs. [170kg]	770 lbs. [350kg]
SCHEDULE 40 PVC PIPE	1.25" ID [1.660" OD]	1.5" ID [1.900" OD]	1.5" ID [1.900" OD]	1.5" ID [1.900" OD]	2.5" ID [2.875" OD]	2.5" ID [2.875" OD]
PIECES PER CARTON	10	10	4	5	3	2

## FEATURES:

- Polyform's unique vinyl valve seals securely
- Even wall thickness for maximum strength
- Reinforced flexible center tube
- Used in a variety of applications:  
*Offshore fishing*  
*Oceanic research equipment*  
*Fish farming*  
*Mooring buoy*

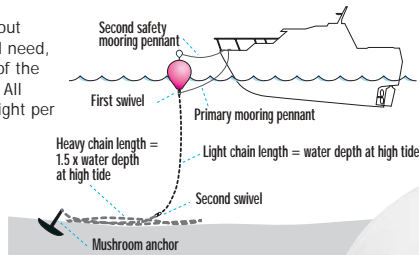
## CC & CM COLORS:



## CM MOORING TIP:

When picking up a mooring, always use the top ring to pick up the buoy with a boathook. Then shackle the mooring pennant to the mooring chain shackle, rather than to the buoy itself. This puts all the strain on the anchor chain, rather than the buoy.

**CM SIZING:** To figure out what size buoy you will need, determine the weight of the chain it must support. All chain has a stated weight per foot. Add another 25% to the total weight for safety. Always use chafing gear where mooring lines run through bow chocks or are likely to contact deck hardware. A thimble on the shackled end will prevent chafe at the buoy.



SIZE [Diameter x Length]	CM-2	CM-3
SIZE [Diameter x Length]	14" x 29.2" [36 x 74.2cm]	18" x 35.1" [45.7 x 89.2cm]
EYE DIAMETER	5/8" [1.6cm]	5/8" [1.6cm]
CIRCUMFERENCE	44.0" [113.0cm]	56.5" [147.6cm]
BUOYANCY RATINGS	55 lbs. [25 kg]	121 lbs. [55 kg]
PIECES PER CARTON	5 export [1 domestic]	5 export [1 domestic]



## Safety:

In a hard blow, the holding power of the mooring can be increased by lengthening the mooring pennant. This increases the scope of the mooring providing greater holding power – just be sure to check other boats in the moorage first to ensure you won't foul another moored boat. In adverse conditions, a second mooring pennant can be run to the top eye as a safety in case the primary pennant chafes through or fails. All shackles should be moused to prevent opening. Electricians plastic tie wraps are an excellent means of securing a shackle.

## FEATURES:

- Strong mooring iron made from galvanized steel with vinyl coated eye
- Larger eye {4-3/8"} and swivel {1-1/2"} provide maximum strength
- Soft vinyl surface won't harm boat finishes
- Polyform's unique vinyl valve seals securely
- Even wall thickness for strength and durability
- Limited three year warranty (see page 11 for details)

# S SERIES



## FEATURES:

- Even wall thickness for maximum strength
- Reinforced ropehold
- Polyform's unique vinyl valve system
- Used in a variety of applications:

*Small mooring buoy  
AWSA approved boat  
guide marker*

*Fender for boats up  
to 20' and jet skis*

*Marker for small  
lobster or crab pots*

- Offered in five colors

**S SERIES: An excellent choice for multi-purpose applications.**



	<b>S-1</b>
<b>SIZE</b> [Diameter x Length]	6" x 15.5" [15,0 x 39,0cm]
<b>EYE DIAMETER</b>	.38" [1,0cm]
<b>CIRCUMFERENCE</b>	18.8" [47,7cm]
<b>BUOYANCY RATINGS</b>	13 lbs. [6,0 kg]
<b>PIECES PER CARTON</b>	10

## S COLORS: f = fluorescent



## WS COLORS: f = fluorescent



# WS SERIES



## FEATURES:

- Meets official American Waterski Association specifications for record capability tournaments
- Multiple colors to mark both ski and boat courses
- High quality PVC construction
- Durable ropehold

**WS SERIES: A proven choice for visibility.**



	<b>WS-1</b>
<b>SIZE</b> [Diameter]	9" [22cm]
<b>EYE DIAMETER</b>	3/8" [.84cm]
<b>CIRCUMFERENCE</b>	28.3" [72,2cm]
<b>BUOYANCY RATINGS</b>	13 lbs. [6,0 kg]
<b>PIECES PER CARTON</b>	60



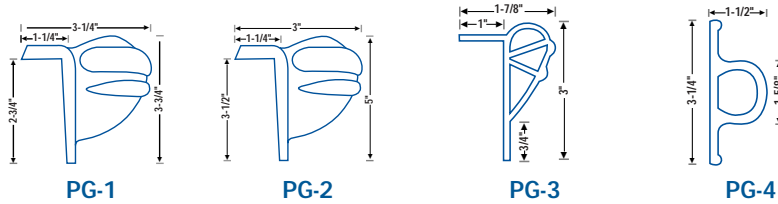


## FEATURES:

- Choose from corners, 18-inch straights, or 6-foot and 10-foot extrusions
- Reinforcement ribs for added strength and protection for your boat & dock
- Easy mounting
- Formulated to stay soft and resist UV breakdown

## POLYGUARD SERIES: Polyguard dock moldings protect your investment when things don't go as planned

### POLYGUARD PROFILES:



SIZE [Style]	10" Dock Corner	18" Straight	3" x 10' Extrusion	3.25" x 6' Extrusion
COLOR	White	White	White	White
PIECES PER CARTON	10	10	10	8

### 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.

## BUOY ACCESSORIES



### #10 INFLATION ADAPTER:

Inflation adapter is specifically designed to fit all Polyform buoys and fenders for quick and easy inflation.

### #20 PATCH KIT:

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.



### #30 POLYFORM HAND PUMP:

Tapered nozzle is specially designed for inflating Polyform products. Can also be used with other inflatable products.

### #42/43 MARKING INKS:

Polyform provides custom marking inks which are specifically 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 on our buoys and fenders. 1 liter available in blue ink [#42] and red ink [#43].



### #50/52 GALVANIZED SHACKLE:

A handy addition to our A, F and LD Series products for improved performance in tough applications. PVC bushing distributes load over entire ropehold area for maximum performance and longevity. Choose

between a 1-1/4" [#50] or 1" [#52] bushing depending on your needs.

#### 1-1/4" BUSHING FITS:

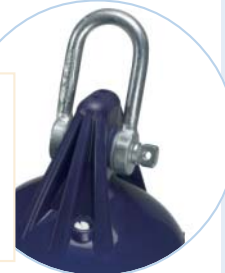
A-2, A-3, A-4

#### 1" BUSHING FITS:

A-1

LD-2, LD-3

F-2, F-3, F-4, F-5, F-6, F-7, F-8, F10, F-11



### #51/53 STAINLESS STEEL SHACKLE:

Made from stainless steel, this shackle shares all the features and specifications of the galvanized shackle, with your choice of 1-1/4" [#51] and 1" [#53] bushings.



## ACCESSORIES

### ORDERING INFO:

- Inflation Adapter  
Item#: 10  
Pieces/Carton: 50
- Patch Kit: 1 oz. Tube  
Item#: 20  
Pieces/Carton: 12
- Hand Pump  
Item#: 30  
Pieces/Carton: 6
- Blue Ink: 1 liter  
Item#: 42  
Pieces/Carton: 12
- Red Ink: 1 liter  
Item#: 43  
Pieces/Carton: 12
- Small Galvanized Shackle  
Item#: 50/52  
Pieces/Carton: 50
- Small Stainless Shackle  
Item#: 51/53  
Pieces/Carton: 50

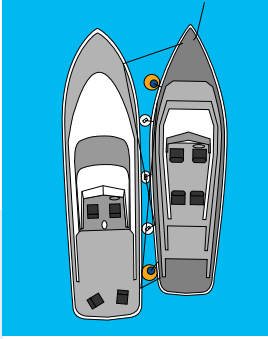
# FENDER GUIDE

## FENDERING TIPS:

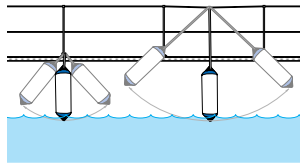
- Always hang fenders so they just touch the surface of the water
- Tie fenders to a stanchion base, deck cleat or along toe rail
- Avoid hanging fenders from lifelines, this puts too much stress on the lifelines

## FENDER SIZING:

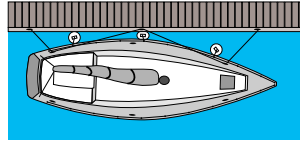
The Polyform Fender Guide is to be used as a general guide. Common sense as well as an understanding of your boat and mooring conditions must be considered. The final responsibility has to be taken by the consumers due to the many variables out of Polyform's control.



**RAFTING:** When rafting, the best fendering technique is to have the fenders in place on the boat already moored or at anchor. Group three standard fenders rather close to maximum beam, then position two round A Series or LD Series buoys fore and aft to provide greater protection from boats tossing into each other.



**DOCKING:** Use at least three fenders when docking – one at maximum beam, one each fore and aft.



**HANGING FENDERS:** Always hang fenders so they just touch the surface of the water. Tie them off on something solid and as low as possible on your boat. This prevents them from swinging in a wide arc and winding up on top of the dock, rather than between your hull and the dock where they belong.

## FENDER SIZING GUIDE [see note in sidebar]

BOAT SIZE	FENDER SELECTION
Up to 10'	G-1, A-0
10' to 20'	G-2, G-3, S-1, A-0
20' to 30'	G-4, G-5, HTM-1, HTM-2, F-1, F-02, F-2, F-3, A-1
30' to 40'	G-6, HTM-3, HTM-4, F-4, F-5, F-6, A-2, LD-2
40' to 50'	HTM-4, F-6, A-3, LD-3
50' to 60'	F-7, F-8, A-4
60' to 70'	F-8, F-10, F-11, A-5
70'-Up	F-11, F-13, A-5, A-6, A-7



FENDER/USAGE	Trailered Boats	Permanent Protected Moorings	Permanent Unprotected Moorings	Pilings	Rafting	Locks/Concrete
<b>G SERIES</b>	X	X				
[Light to medium duty. Ideal for trailerable boats and boats under 35'. Not recommended for unprotected moorings.]						
<b>HTM SERIES</b>	X	X	X	X		X
[Medium to heavy duty. Versatile center rope tube – max. strength when hung horizontally. Best on boats up to 40 feet.]						
<b>F SERIES</b>		X	X	X		X
[Heavy duty. Sizes for boats up to 120'. Best for unprotected moorings with large waves/tidal fluctuations.]						
<b>A SERIES</b>		X	X		X	X
[Heavy duty. Most stand off for the money. Best rafting fender available. Can serve as mooring/anchor buoy.]						
<b>LD SERIES</b>		X	X		X	X
[Heavy duty. Same applications as A Series buoy. However shorter length vs. diameter can replace larger F's.]						

# INFLATION

If you need any help or have questions, please contact Polyform U.S. at: 1-800-423-0664 or visit our website at [www.polyformus.com](http://www.polyformus.com)

## INFLATION INSTRUCTIONS

- Several types of air sources may be used to inflate your Polyform product.
  - Polyform #30 Hand Pump
  - Other hand or foot operated pumps
  - Air compressor
  - Service station air pump
- Remove white plastic screw from the valve (located near the ropehold)
- 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 screw-driver, or stiff wire) into the valve and gently push the convenience flap open.*
- 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.

- After filling the product to the correct size, remove the pump and replace the screw. Remember that you are screwing 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 the screw through the valve.*



Remove screw from valve.



Insert inflation adapter (if needed.)



Inflate product, measure circumference. (Max pressure 2 lbs. psi.)



Replace screw and tighten with a screw driver (do not use a power drill/driver)

# STANDARD PACKAGING INFORMATION

# POLYFORM & WARRANTY

ITEM #	UNITS PER CARTON	LBS. PER TOTAL CASE	CUBIC ft. PER CARTON
<b>A SERIES BUOY</b>			
A-0	20	30.0	2.1
A-1	10	26.0	1.6
A-2	10	47.0	2.6
A-3	10	72.0	3.9
A-4	10	100.5	5.4
A-5	5	107.5	6.2
A-6	3	118.3	9.0
A-7	2	125.5	12.1
<b>LD SERIES BUOY</b>			
LD-2	10	52.0	3.0
LD-3	10	80.0	6.1
<b>F SERIES FENDER</b>			
F-1	10	28.0	1.9
F-02	10	36.0	3.0
F-2	10	44.0	3.0
F-3	10	58.0	3.8
F-4	5	43.0	3.6
F-5	5	39.0	3.0
F-6	5	56.0	3.8
F-7	5	61.5	6.2
F-8	4	93.0	6.2
F-10	2	43.2	3.0
F-11	3	84.4	6.2
F-13	2	141.4	9.0
<b>G SERIES FENDER</b>			
G-1	12	9.4	1.2
G-2	12	16.4	2.2
G-3	6	13.4	2.3
G-4	6	18.1	2.9
G-5	4	20.6	4.8
G-6	4	29.0	8.6
<b>HTM SERIES FENDER</b>			
HTM-1	6	16.6	2.3
HTM-2	4	20.8	3.6
HTM-3	4	34.8	7.0
HTM-4	4	47.5	13.4
<b>NF SERIES FENDER</b>			
NF-3	6	13.4	2.3
NF-4	6	18.1	2.9
NF-5	4	20.6	4.8
<b>CM MOORING BUOY</b>			
CM-2	1 [domestic]	11.7	1.5
CM-2	5 [export]	54.5	6.2
Iron (CM-2)	1	6.2	0.2
CM-3	1 [domestic]	14.5	1.5
CM-3	5 [export]	68.5	6.2
Iron (CM-3)	1	6.5	0.2
<b>CC SERIES BAR BUOY</b>			
CC-1	10	41.5	3.9
CC-2	10	60.5	5.5
CC-3	4	35.0	3.0
CC-4	5	61.0	6.2
CC-5	3	77.8	6.2
CC-6	2	86.4	9.0

ITEM #	UNITS PER CARTON	LBS. PER TOTAL CASE	CUBIC ft. PER CARTON
<b>S SERIES BUOY</b>			
S-1	10	17.0	1.2
<b>ELITE FENDER COVERS</b>			
EFC-1	24	14.5	1.0
EFC-2	24	20.1	2.4
EFC-03	24	16.3	1.5
EFC-3	24	25.0	2.4
EFC-4	12	19.5	2.4
EFC-5	12	24.9	1.0
EFC-7	12	15.4	1.5
EFC-8	12	22.1	1.8
EFC-10	12	24.9	2.0
EFC-11	12	36.0	3.3
EFC-13	6	27.4	2.9
EFC-A-4	12	20.5	2.1
EFC-A-5	10	23.6	2.1
EFC-A-6	6	19.8	2.1
<b>TRUE-FIT FENDER HOLDERS</b>			
TFR-170	12	14.0	2.9
170-2-Kit	1	4.0	0.8
170-3-Kit	1	5.0	0.8
TFR-230	12	15.0	4.2
230-2-Kit	1	4.0	1.5
230-3-Kit	1	6.0	1.5
TFR-280	12	23.0	6.4
280-2-Kit	1	5.0	2.9
280-3-Kit	1	8.2	2.9
TFR-360	4	8.9	3.7
TFR-402	12	3.07	0.2
TFR-403	12	2.3	0.2
TFR-404	12	3.35	0.2
<b>ACCESSORIES</b>			
#10 Inflation Adapter	50	1.0	0.1
#20 Patch Kit	12	2.0	0.1
#30 Pump	6	6.2	0.7
#42/43 Ink (liter)	12	29.0	0.7
#50 Galv. Shackle	50	60.6	1.6
#51 SS Shackle	50	60.6	1.6
#52 Galv. Shackle	50	60.6	1.6
#53 SS Shackle	50	60.6	1.6
#70 Fender Adjuster	12	4.5	0.3
#75 Line Holder	12	2.5	0.5
<b>DOCK GUARDS</b>			
PG-1	10	20.0	1.3
PG-2	10	20.0	1.3
PG-3	10	60.0	3.4
PG-4	8	50.0	2.1
<b>WATERSKI MARKER</b>			
WS-1	60	44.0	1.8

## 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's inflation adapter (item #10)*

## POLYFORM CONTACT INFORMATION:

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[www.polyformus.com](http://www.polyformus.com)  
email: [fenders@polyformus.com](mailto:fenders@polyformus.com)

## THE POLYFORM WARRANTY

*Polyform U.S. warrants its buoys and fenders 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.*

## LIMITED 3 YEAR WARRANTY

**PRODUCTS:**  
CM MOORING BUOY, ELITE FENDER COVERS, TRUE FIT FENDER HOLDERS, SHACKLES, FENDER ADJUSTER, LINE HOLDER  
These products are warranted for to be free of defects in materials and workmanship for the time indicated from the date of sale, that they will maintain their structural integrity when used for its intended purpose, under normal exposure to weather and water conditions. It is not implied that these products will withstand unusual conditions such as severe storms or intense ultraviolet rays. **CM BUOY: THE USER SHOULD CHECK THE SHACKLE AND MOORING HARDWARE PERIODICALLY FOR STRUCTURAL INTEGRITY.**

## FOR ALL WARRANTY CLAIMS:

A copy of the original sales receipt, documenting the date of purchase, must accompany all warranty claims. Obligation under this warranty is limited to repair, replacement, or credit for the defective product at our discretion. Polyform reserves the right to request return of the product for inspection. No return merchandise will be accepted without prior authorization. Polyform shall not be liable for indirect, special, incidental, or consequential damage or penalties and does not assume liability of purchaser or others for injury to persons or property. This warranty is in lieu of all other warranties, expressed or implied.



**BUOYS, FENDERS & ACCESSORIES**

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