

Polyform



BUOYS, FENDERS & ACCESSORIES

POLYFORM BUOYS, FENDERS & ACCESSORIES DESIGNED TO MEET THE MOST DEMANDING APPLICATIONS

From our trademark A Series buoys used by more people in the world than any other buoy and our specially engineered utility fenders to our full line of accessories, you can depend on Polyform U.S. to have just the right product to meet your needs.



THE BEST KNOWN NAME IN
BUOYS FOR OVER 50 YEARS

Polyform



S E R I E S

FEATURES:

- The next generation in utility fenders
- Increased wall thickness for added strength and resisting punctures
- Multiple ribbed heavy duty ropehold to resist tearing – more material where it counts most
- Designed for the customer who wants more protection for their money
- High gloss finish and long lasting vibrant colors



NF SERIES SIZES



NF-3



NF-4



NF-5

SPECIFICATIONS

	NF-3	NF-4	NF-5
SIZE (Diameter x Length)	5.5" x 20" [14,9 x 50,8cm]	6.5" x 23" [16,5 x 58,4cm]	8.5" x 27" [21,6 x 67,8cm]
EYE DIAMETER	5/8" [1,27cm]	3/4" [1,91cm]	3/4" [1,91cm]
CIRC.	17.3" [44,0cm]	20.4" [51,8cm]	26.7" [67,8cm]
PIECES PER CARTON	6	6	4

NF SERIES COLORS:



BLACK



BLUE



BURGUNDY



CLASSIC RED



COBALT



FOREST GREEN



GRAY



NAVY



ORANGE



PURPLE



SAND



TEAL



WHITE



YELLOW



S E R I E S



FEATURES:

- Even wall thickness for maximum strength
- Available in the widest selection of colors anywhere
- Recognized as the "best" in its class
- Polyform's most popular product
- Molded in ribs for strength and abrasion resistance
- Reinforced ropeholds
- Designed for use by trailered boats and permanent protected moorings

SPECIFICATIONS

	G-1	G-2	G-3	G-4	G-5	G-6
SIZE [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]
EYE DIAMETER	3/8" [0,95cm]	1/2" [1,27cm]	5/8" [1,27cm]	3/4" [1,91cm]	3/4" [1,91cm]	7/8" [2,22cm]
CIRC.	11" [27,9cm]	14.1" [35,8cm]	17.3" [44,0cm]	20.4" [51,8cm]	26.7" [67,8cm]	33" [83,8cm]
PIECES PER CARTON	12	12	6	6	4	4

G SERIES SIZES



G SERIES COLORS:



HTM

S E R I E S

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
- Mirror like finish will last for years
- Offered in more colors than any other manufacturer



HTM SIZES



SPECIFICATIONS

	HTM-1	HTM-2	HTM-3	HTM-4
SIZE [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 66,0cm]	12" x 34" [30,5 x 86,4cm]
EYE DIAMETER	5/8" [1,59cm]	5/8" [1,59cm]	5/8" [1,59cm]	5/8" [1,59cm]
CIRC.	18.8" [47,7cm]	25.1" [63,7cm]	31.4" [79,8cm]	37.7" [95,8cm]
BUOYANCY	15 lbs. [7kg]	37 lbs. [17kg]	77 lbs. [35kg]	145 lbs. [66kg]
PIECES PER CARTON	6	4	4	4

HTM SERIES COLORS:





S E R I E S

FEATURES:

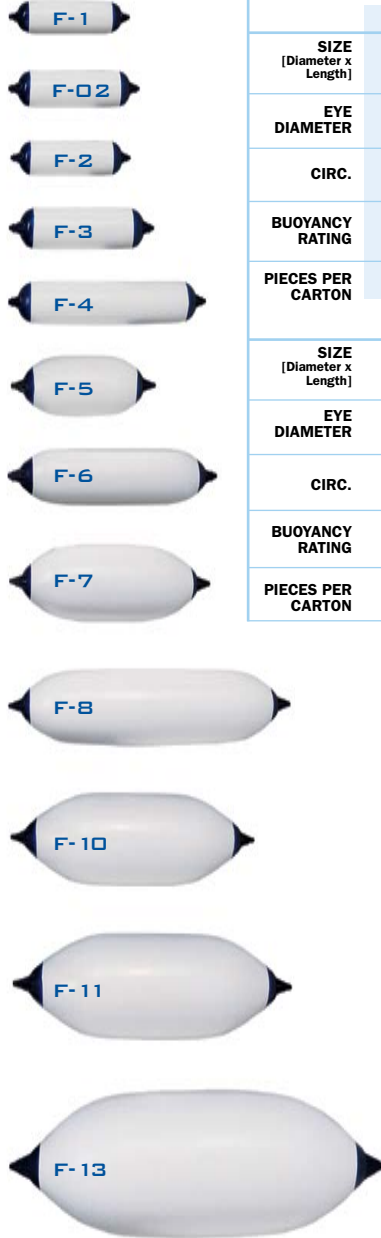
- Wide range of sizes to suit any vessel
- #1 fender in sales in its class
- The fender of choice by naval and Coast Guard vessels all over the world
- Even wall thickness
- Solid multiple ribbed reinforced ropeholds
- Twin-eye design for vertical or horizontal use
- Designed for use in permanent unprotected moorings, pilings, locks and concrete walls



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 SERIES SIZES



SPECIFICATIONS

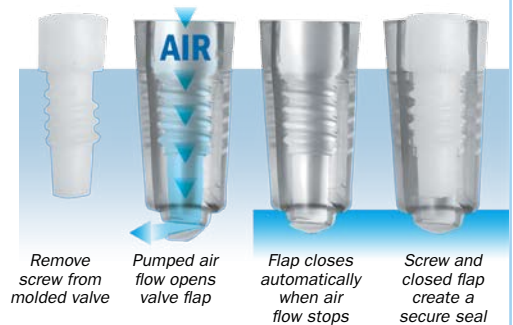
	F-1	F-02	F-2	F-3	F-4	F-5
SIZE [Diameter x Length]	6" x 25" [15 x 64cm]	8" x 27" [20 x 68cm]	9" x 25" [22 x 64cm]	9" x 30" [22 x 76cm]	9" x 41" [22 x 104cm]	12" x 30" [30 x 76cm]
EYE DIAMETER	0.7" [1,8cm]	0.7" [1,8cm]	0.9" [2,2cm]	0.9" [2,2cm]	0.9" [2,2cm]	1.0" [2,4cm]
CIRC.	18.8" [47,1cm]	25.1" [62,8cm]	28.3" [69,1cm]	28.3" [69,1cm]	28.3" [69,1cm]	37.7" [95,8cm]
BUOYANCY RATING	18 lbs. [8kg]	25 lbs. [12kg]	29 lbs. [13kg]	44 lbs. [20kg]	77 lbs. [35kg]	99 lbs. [45kg]
PIECES PER CARTON	10	10	10	10	5	5
	F-6	F-7	F-8	F-10	F-11	F-13
SIZE [Diameter x Length]	12" x 43" [30 x 109cm]	15" x 41" [38 x 104cm]	15" x 58" [38 x 147cm]	18.5" x 50" [47 x 127cm]	24" x 57" [60 x 145cm]	32" x 77" [80 x 195cm]
EYE DIAMETER	1.0" [2,4cm]	1.0" [2,4cm]	1.0" [2,4cm]	1.0" [2,4cm]	1.1" [2,7cm]	1.2" [3,0cm]
CIRC.	37.7" [95,8cm]	47.1" [119,3cm]	47.1" [119,3cm]	58.1" [147,6cm]	75.4" [188,4cm]	100.5" [251,2cm]
BUOYANCY RATING	165 lbs. [75kg]	209 lbs. [95kg]	330 lbs. [150kg]	340 lbs. [155kg]	530 lbs. [240kg]	1320 lbs. [599kg]
PIECES PER CARTON	5	5	4	2	3	2

F SERIES COLORS:



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.



F-13 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.



POLYFORM U.S.

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7030 SOUTH 224TH STREET
KENT, WA 98032 U.S.A.

PHONE: (253) 872-0300

FAX: (253) 395-4650



S E R I E S

ELITE FENDER COVER FEATURES:

- Hand-crafted with heavy duty polyester fabric for durability and strength
- Colorfast – will not fade
- Washable
- Custom fit for a tailored look
- Drawstring closures instead of elastic – which can become brittle and break
- Widest range of sizes on the market
- Limited three year warranty {see page 11 for details}



SPECIFICATIONS

	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
COLOR	Black	Black	Black	Black	Black	Black	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
COLOR	Black	Black	Black	Black	Black	Black	Black
PIECES PER CARTON	12	12	12	6	12	10	6



S E R I E S

TRUE FIT FENDER HOLDER FEATURES:

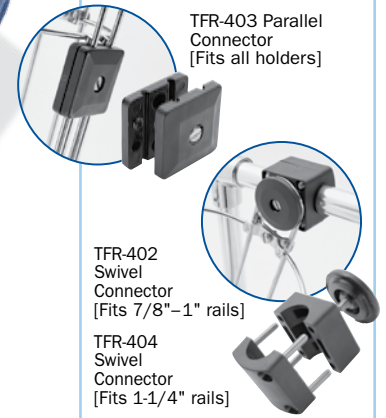
- The most popular fender holders in the market
- Versatile system for easy installation
- Durable construction for years of service
- Flexible modular design – add on or reconfigure at anytime
- Available as individual pieces or as a kit for a two or three holder assembly
- Limited three year warranty {see page 11 for details}

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 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-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

	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

KIT WITH 2 FENDER HOLDERS THAT MOUNT TO 7/8" – 1" RAILS		KIT WITH 3 FENDER HOLDERS THAT MOUNT TO 7/8" – 1" RAILS	
Also contains 3 TFR 402s and 1 pair TFR 403s		Also contains 4 TFR 402s and 2 pair TFR 403s	



SERIES

FEATURES:

- Polyform's first and most recognized product
- Ropeholds and valves built to withstand the most severe applications
- 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



POLYFORM SHACKLE

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

A SERIES SIZES



Around the world, more people rely on our A Series than all other buoys.



SPECIFICATIONS

	A-0	A-1	A-2	A-3	A-4	A-5	A-6	A-7
SIZE [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]
EYE DIAMETER	0.6" [1,6cm]	1.0" [2,5cm]	1.125" [2,8cm]	1.125" [2,8cm]	1.125" [2,8cm]	1.25" [3,0cm]	1.5" [3,8cm]	2" [5,0cm]
CIRCUMFERENCE	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]
BUOYANCY RATINGS	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]
PIECES PER CARTON	20	10	10	10	10	5	3	2

A SERIES COLORS:



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.



First and still the undisputed leader in low drag buoys for over a decade!



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
- Most used low drag buoy in the world
- More sales than all others combined
- The featured buoy in the "Deadliest Catch" series on the Discovery® Channel
- Offered in seven brilliant high visibility colors
- Great rafting fender

SPECIFICATIONS

	LD-1	LD-2	LD-3
SIZE [DIAMETER X LENGTH]	8.5" x 18.5" [21,5 x 47cm]	12" x 23" [30,5 x 59cm]	14.3" x 30" [36 x 76cm]
EYE DIAMETER	1.0" [2,5cm]	1.0" [2,5cm]	1.0" [2,5cm]
CIRCUMFERENCE	27.0" [69,0cm]	37.7" [95,8cm]	44.9" [113,0cm]
BUOYANCY RATINGS	28.6 lbs. [13 kg]	68 lbs. [31 kg]	121 lbs. [55 kg]
PIECES PER CARTON	10	10	10

LD SERIES SIZES



LD SERIES COLORS:





CC SERIES SIZES



S E R I E S

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

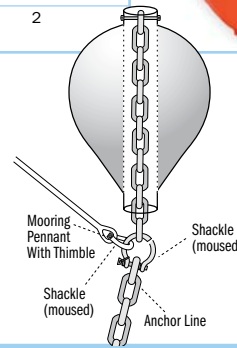
SPECIFICATIONS

	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

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) 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 COLORS:



S E R I E S

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}



SPECIFICATIONS

	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]

CM COLORS:



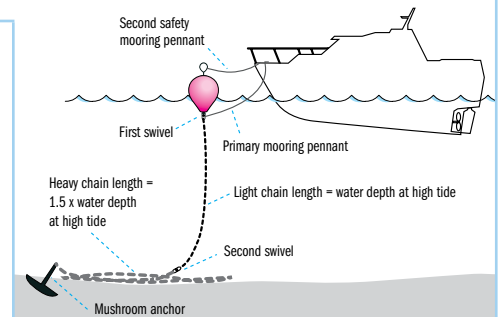
CM MOORING TIP:

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:

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.

CM SERIES SIZES



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.



S E R I E S

FEATURES:

- The only inflatable boat guide buoy
- 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*
- Sold by professional ski shops everywhere



	S - 1
SIZE [DIAMETER X LENGTH]	6" x 15.5" [15,0 x 39,0cm]
EYE DIAMETER	.5" [1,27cm]
CIRCUMFERENCE	18.8" [47,7cm]
BUOYANCY RATINGS	13 lbs. [6,0kg]
PIECES PER CARTON	10



S E R I E S

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
- Proven to outlast the competition in both color and durability



	WS - 1
SIZE [DIAMETER]	9" [22,0cm]
EYE DIAMETER	3/8" [0,95cm]
CIRCUMFERENCE	28.3" [72,2cm]
BUOYANCY RATINGS	13 lbs. [6,0kg]
PIECES PER CARTON	60

S SERIES COLORS:



BLUE



GREEN



RED



YELLOW



WHITE

WS SERIES COLORS:



GREEN



RED



YELLOW

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.

#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) *Limited 3 year warranty.*



#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) *Limited 3 year warranty.*



#30 POLYFORM HAND PUMP:

Specially designed for inflating Polyform products. Can also be used on other inflatable products such as air mattresses and toys.



#20 PATCH KIT:

This patching kit is very successful when used for repairing small punctures. 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.



#10 INFLATION ADAPTER:

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





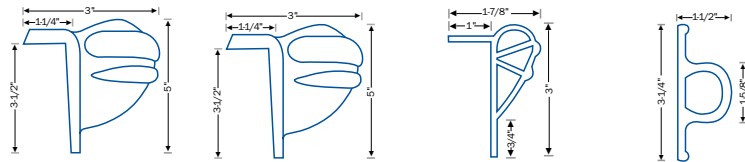
S E R I E S



POLYGUARD DOCKGUARD FEATURES:

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

SPECIFICATIONS



	PG-1	PG-2	PG-3	PG-4
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



#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. *Limited 3 year warranty.*



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

#52 Galvanized Shackle
[Shown with 1" bushing]

#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. *Limited 3 year warranty.*



#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, LD-1

ORDERING INFORMATION

- Item#: 10 Inflation Adapter Pieces/Carton: 50
- Item#: 20 Patch Kit: 1 oz. Tube Pieces/Carton: 12
- Item#: 30 Hand Pump Pieces/Carton: 6
- Item#: 42 Blue Ink: 1 liter Pieces/Carton: 12
- Item#: 43 Red Ink: 1 liter Pieces/Carton: 12
- Item#: 50 1-1/4" Galvanized Shackle Pieces/Carton: 50
- Item#: 51 1-1/4" Stainless Shackle Pieces/Carton: 50
- Item#: 52 1" Galvanized Shackle Pieces/Carton: 50
- Item#: 53 1" Stainless Shackle Pieces/Carton: 50
- Item#: 70 Fender Adjuster Pieces/Carton: 12
- Item#: 75 Line Holder Pieces/Carton: 12

FENDER GUIDE



FENDER/USAGE	Trailer Boats	Permanent Protected Moorings	Permanent Unprotected Moorings	Pilings	Rafting	Locks/Concrete
G SERIES [LIGHT TO MEDIUM DUTY. Ideal for trailerable boats and boats under 35'. Not recommended for unprotected moorings.]	X	X				



NF SERIES [LIGHT TO MEDIUM DUTY. Ideal for trailerable boats and boats under 35'. Not recommended for unprotected moorings.]	X	X				
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HTM SERIES [MEDIUM TO HEAVY DUTY. Versatile center rope tube - max. strength when hung horizontally. Best on boats up to 40 feet.]	X	X	X	X		X
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F SERIES [HEAVY DUTY. Sizes for boats up to 120'. Best for unprotected moorings with large waves/tidal fluctuations.]		X	X	X		X
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A SERIES [HEAVY DUTY. Most stand off for the money. Best rafting fender available. Can serve as mooring/anchor buoy.]		X	X		X	X
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LD SERIES [HEAVY DUTY. Same applications as A Series buoy. However shorter length vs. diameter can replace larger F's.]		X	X		X	X
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FENDER SIZING GUIDE

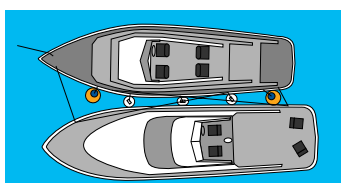
BOAT SIZE	FENDER SELECTION
Up to 10'	G-1, A-0
10' to 20'	G-2, G-3, NF-3, S-1, A-0
20' to 30'	G-4, G-5, NF-4, NF-5, HTM-1, HTM-2, F-1, F-02, F-2, F-3, A-1
30' to 40'	G-6, HTM-3, HTM-4, F-4, F-5, F-6, A-2, LD-2
40' to 50'	HTM-4, F-6, A-3, LD-3
50' to 60'	F-7, F-8, A-4
60' to 70'	F-8, F-10, F-11, A-5
70'-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

FENDER SIZING:

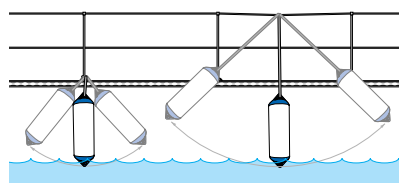
The Polyform Fender Guide is to be used as a general guide. Common sense as well as an understanding of your boat and mooring conditions must be considered. The final responsibility has to be taken by the consumers due to the many variables out of Polyform's control.

FENDERING TIPS

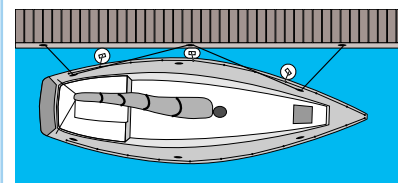
- Always hang fenders so they just touch the surface of the water
- Tie fenders to a stanchion base, deck cleat or along toe rail
- Avoid hanging fenders from lifelines, this puts too much stress on the lifelines



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.



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.



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



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)

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 screw-driver, 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 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.

INFLATION GUIDE

- If you need any help of have questions, please contact Polyform U.S. at 1-800-423-0664 or visit our website at www.polyformus.com

STANDARD PACKAGING INFORMATION

ITEM #	UNITS PER CARTON	LBS. PER TOTAL CASE	CUBIC ft. PER CARTON
A SERIES BUOY			
A-0	20	30.0	2.1
A-1	10	26.0	1.6
A-2	10	47.0	2.6
A-3	10	72.5	3.9
A-4	10	100.5	5.5
A-5	5	107.5	6.2
A-6	3	118.3	9.0
A-7	2	125.5	12.1
LD SERIES BUOY			
LD-1	10	32.0	2.1
LD-2	10	52.0	3.0
LD-3	10	80.0	6.1
F SERIES FENDER			
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
G SERIES FENDER			
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	7.6
HTM SERIES FENDER			
HTM-1	6	16.6	2.3
HTM-2	4	20.8	3.6
HTM-3	4	34.8	7.0
HTM-4	4	47.0	12.2
NF SERIES FENDER			
NF-3	6	15.3	2.3
NF-4	6	20.2	2.9
NF-5	4	24.1	4.8
CM MOORING BUOY			
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
CC SERIES BAR BUOY			
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
S SERIES BUOY			
S-1	10	17.0	1.2
ELITE FENDER COVERS			
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	24.5	1.0
EFC-7	12	18.0	1.7
EFC-8	12	24.5	2.1

ITEM #	UNITS PER CARTON	LBS. PER TOTAL CASE	CUBIC ft. PER CARTON
ELITE FENDER COVERS cont.			
EFC-10	12	24.5	2.2
EFC-11	12	35.5	3.3
EFC-13	6	34.8	2.5
EFC-A-4	12	20.5	2.1
EFC-A-5	10	23.6	2.1
EFC-A-6	6	19.8	2.1
TRUE-FIT FENDER HOLDERS			
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
ACCESSORIES			
#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
DOCK GUARDS			
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
WATERSKI MARKER			
WS-1	60	44.0	1.8

INFLATION GUIDE

PRODUCT	MAXIMUM CIRCUMFERENCE	PRODUCT	MAXIMUM CIRCUMFERENCE
A SERIES BUOY			
A-0	28.5 in. 72.0 cm		
A-1	36.0 in. 91.0 cm		
A-2	48.5 in. 123.0 cm		
A-3	58.5 in. 148.0 cm		
A-4	68.0 in. 172.0 cm		
A-5	86.5 in. 220.0 cm		
A-6	106.5 in. 270.0 cm		
A-7	147.2 in. 373.9 cm		
LD SERIES BUOY			
LD-1	29.5 in. 74.9 cm		
LD-2	37.7 in. 96.0 cm		
LD-3	45.0 in. 114.0 cm		
F SERIES FENDER			
F-1	18.5 in. 47.0 cm		
F-2	27.0 in. 69.0 cm		
F-3	27.0 in. 69.0 cm		
F-4	27.0 in. 69.0 cm		
F-5	37.0 in. 94.0 cm		
F-6	37.0 in. 94.0 cm		
F-7	47.0 in. 119.0 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		
G SERIES FENDER			
G-3	17.3 in. 43.9 cm		
G-4	20.4 in. 51.8 cm		
G-5	26.7 in. 67.8 cm		
G-6	33.0 in. 83.8 cm		
HTM SERIES FENDER			
HTM-1	18.8 in. 47.8 cm		
HTM-2	25.1 in. 63.8 cm		
HTM-3	31.4 in. 79.8 cm		
HTM-4	38.0 in. 96.5 cm		
NF SERIES FENDER			
NF-3	17.3 in. 43.9 cm		
NF-4	20.4 in. 51.8 cm		
NF-5	26.7 in. 67.8 cm		
CM MOORING BUOY			
CM-2	44.5 in. 113.0 cm		
CM-3	58.5 in. 148.0 cm		
CC SERIES BAR BUOY			
CC-1	34.5 in. 88.0 cm		
CC-2	44.5 in. 113.0 cm		
CC-3	58.5 in. 148.0 cm		
CC-4	68.0 in. 173.0 cm		
CC-5	86.5 in. 220.0 cm		
CC-6	106.5 in. 270.0 cm		
S SERIES BUOY			
S-1	18.8 in. 47.8 cm		
WATERSKI MARKER			
WS-1	28.5 in. 72.0 cm		

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

WARRANTY

POLYFORM U.S. LIMITED WARRANTY

WHAT THIS WARRANTY COVERS
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.

WHAT THIS WARRANTY DOES NOT COVER
This warranty does not apply to any problem caused by (1) improper inflation of any product, including under or over inflation (please refer to inflation guide for maximum inflation values); (2) cuts, punctures, or exposures to chemicals that degrade or discolor plastics; (3) harm caused by animals, birds, fish; (4) intentional damage by people; (5) abuse, neglect, accident, misuse, alteration, acts of god, unauthorized repair, improper handling, or improper use; or (6) unusual conditions such as severe storms, hurricanes, extreme temperatures, UV light breakdown, or ultraviolet rays. Also, the warranty does not cover cosmetic flaws that result from normal wear and tear under ordinary use and do not affect the performance or use of the product.

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. IN THOSE STATES WHERE THE LAW DOES NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY.

Because it is impossible for Polyform U.S. to know the exact purposes for which you acquired the Polyform U.S. product or the uses to which you will put the product, Polyform U.S. shall not be responsible for the selection of the product for its installation and use. While every reasonable effort has been made to insure that you will receive a product that you can use and enjoy, Polyform U.S. does not warrant that the product will meet your requirements.

NO WORDS, ACTIONS, DESCRIPTIONS, MODELS, SAMPLES OR OTHER SELLER CONDUCT WILL CREATE AN EXPRESS WARRANTY BEYOND THE TERMS DESCRIBED HERE.

HOW LONG COVERAGE LASTS
The warranty on A Series Buoys, LD Series Buoys, F Series Fenders, G Series Fenders, HTM Series Fenders, NF Series Fenders, CC Series Bar Buoys and S Series Buoys lasts as long as the original purchaser owns the above referenced Polyform U.S. product. This warranty terminates if the original purchaser sells or transfers the product.

CM Mooring Buoys, Elite Fender Covers, True-Fit Fender Holders, Shackles, Fender Adjusters, Line Holders, pumps, dock guards, and WS-1 buoys have a LIMITED THREE YEAR WARRANTY starting the date the Polyform U.S. product is purchased. This warranty terminates if the original purchaser sells or transfers the product. The user of a CM Mooring Buoy should check regularly the shackle and mooring hardware for structural integrity.

In those states where the law does not allow limitations on the duration of an implied warranty, the above limitation may not apply.

WHAT POLYFORM U.S. WILL DO
Obligation under this warranty is limited to repair, replacement, or credit for the defective product at the discretion of Polyform U.S.

HOW TO GET SERVICE
Purchaser should return the defective product to the location where the purchase was made, along with a copy of the original sales receipt documenting the date of purchase and the Polyform U.S. item number, as well as a description of the conditions in which the product was used and the alleged defect MUST accompany all warranty claims.

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. is not responsible for postage on the return of defective products. No return merchandise will be accepted without prior authorization.

YOUR RIGHTS UNDER STATE LAW
This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

POLYFORM U.S. 7030 SOUTH 224TH STREET KENT, WA 98032 U.S.A.	(800) 423-0664
	PHONE: (253) 872-0300
	FAX: (253) 395-4650

FENDER COLLECTION

- 02 NF Series
- 03 G Series
- 03 HTM Series
- 04 F Series



BUOY COLLECTION

- 06 A Series
- 06 LD Series
- 07 CC Series
- 07 S Series
- 08 WS Series



MOORING COLLECTION

- 07 CM Series
- 09 Polyguard Dock Mouldings
- 09 Shackles



ACCESSORIES

- 05 Elite Fender Covers
- 05 TrueFit Fender Holders
- 08 Fender Holder & Line Adjuster
- 08 Hand Pump & Patch Kit
- 09 Marking Inks



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