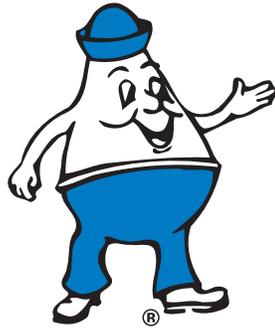


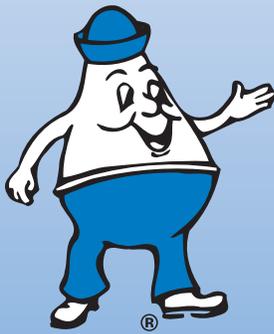
Rolyan



Accessories For Water Safety



Rolyan® Buoys



Rolyan® Buoys

We have been designing and manufacturing buoys and floats since 1969. We are proud of our products and our employees, for they have built our reputation as leaders in the industry.

Loyal customers throughout the U.S.A. know they will receive dependable, professional service and a superior product line from Rolyan Buoys.

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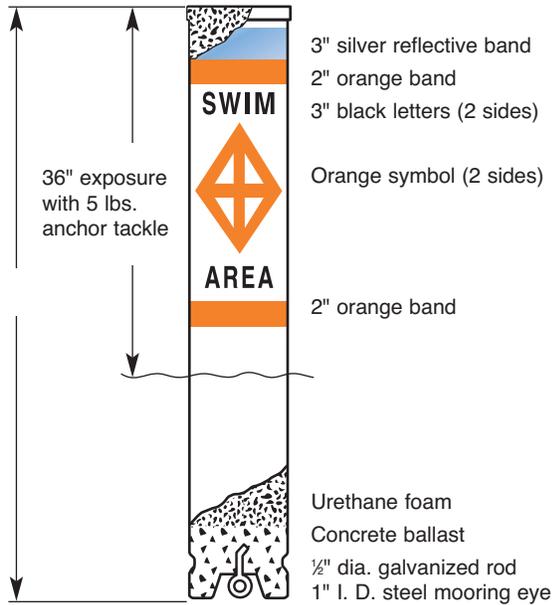
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UNSINKABLE – filled with urethane foam



Model B1147R

Features

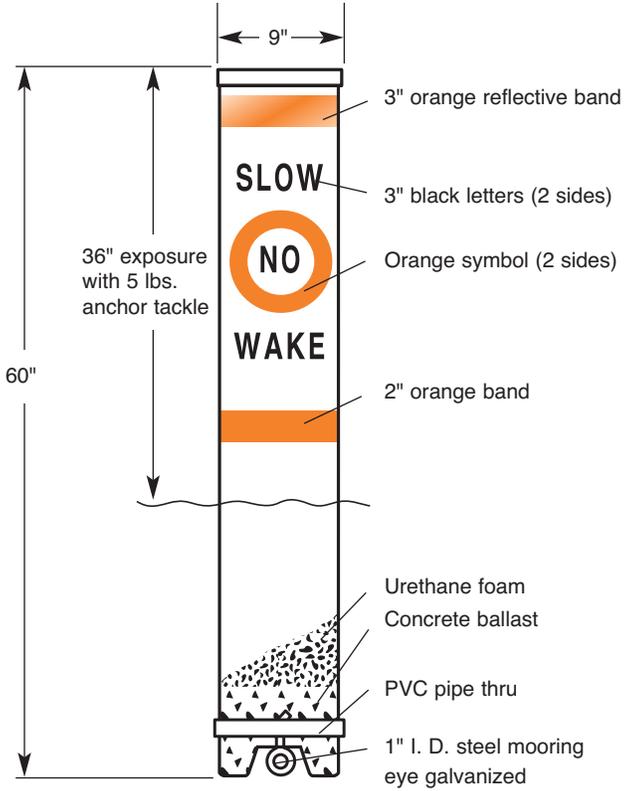
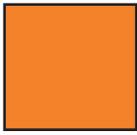
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials. See page 18.
- 9" diameter, white, ABS plastic exterior. Will not rust, chip or peel. Ultraviolet inhibited.
- Completely urethane foam filled. Virtually unsinkable.
- 3"-wide reflective band at top provides excellent nighttime visibility.
- Self-righting without tackle.
- Recessed cap allows buoy to stand upright.
- Heavy steel galvanized anchoring eye cast in an internal concrete ballast.
- Includes choice of standard symbols and messages.

Available Options

- Pickup eye built into top.
- Stainless steel anchoring eye for salt water applications.
- Agency or name identification.
- Cone cap top.
- Special non-standard messages.
- Solar lights (see page 11).
- Available in yellow.
- Side mooring eyes for swim areas, float lines.

<p>STANDARD INLAND WATERWAY SYMBOLS AND MESSAGES</p> <p>Special messages are available. Request a quotation.</p>	<p>CONTROLLED AREA SYMBOL</p> <p>12" 2" band width</p>	<p>HAZARD WARNING SYMBOL</p> <p>14" 11" 2" band width</p>	<p>RESTRICTED AREA SYMBOL</p> <p>14" 11" 2" band width</p>	<p>INFORMATION SYMBOL</p> <p>14" 11" 2" band width</p>
	<p>STANDARD MESSAGES SLOW 5 MPH SLOW NO WAKE SKI AREA NO SKI SLOW 10 MPH SPEED ZONE NO WAKE IDLE SPEED</p>	<p>STANDARD MESSAGES ROCK DANGER RAPIDS SHOAL STUMP SHALLOW AREA HAZARD AREA DANGER DAM</p>	<p>STANDARD MESSAGES SWIM AREA KEEP OUT NO BOATS BOATS KEEP OUT CLOSED AREA NO BOATING DANGER DAM</p>	<p>STANDARD MESSAGES REST ROOM 1 MILE STATE PARK AHEAD MARINA ENTRANCE FISH ATTRACTOR</p>





Polyethylene type - 9" dia.

Model B961R



Features

- 9" dia. white super-tough HDPE shell. Ultraviolet inhibited.
- Shatter-proof — will not crack, chip, peel or rust.
- Completely urethane foam filled. Virtually unsinkable.
- 3"-wide reflective band at top provides excellent night visibility.
- Self-righting without tackle.
- Recessed cap allows buoy to stand upright.
- Heavy steel galvanized anchoring eye cast in an internal concrete ballast.
- Inland waterway marking symbols with standard messages included.
- Includes choice of standard symbols and messages.

When ordering, specify symbols and messages desired (see bottom of page 1).

Submerged buoyancy	84 lbs.
Net weight	49 lbs.
Shipping weight	56 lbs.

Refer to installation suggestions on page 21.

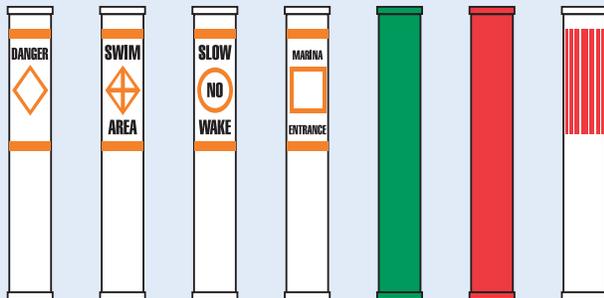
NOTE: Special procedures must be followed when reconditioning HDPE type buoys. See warranty information on back cover.

Available Options

- Pickup eye built into top.
- Stainless steel anchoring eye for salt water applications.
- Agency or name identification.
- Special non-standard messages.
- Solar light (see page 11).
- Cone cap top.
- Side mooring eyes for swim areas, float lines

EDUCATIONAL BUOYS • MINIATURE REPLICAS

Non-functional—for educational use only.

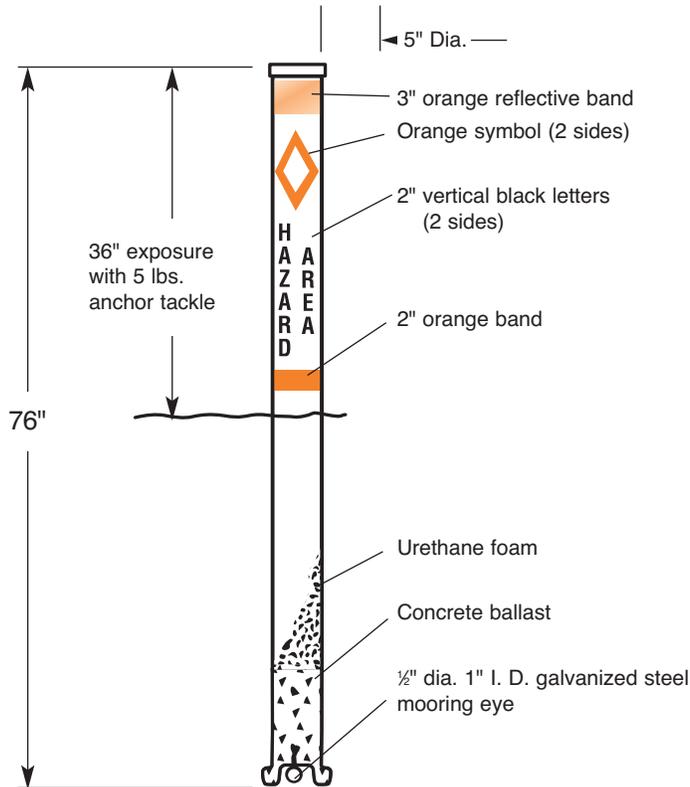


Model B2510ES

• 2½" dia. x 10" identical replicas of Rolyan® regulatory buoys showing standard inland waterway symbols and messages. Set of seven buoys includes:

- Swim Area/No Boats
- Danger/Hazard
- Slow No Wake/ No Wake Idle Speed
- Marina Entrance
- Red Channel Marker
- Green Channel Marker
- Centerline Marker Red & White
- Net wt. – 1.75#





Specify desired symbols and messages when ordering (see bottom of page 1).

Submerged buoyancy	30 lbs.
Net weight	24 lbs.
Shipping weight	28 lbs.

Model B576S

Features

- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials. See page 18.
- 5" diameter white, tough ABS plastic exterior. Ultraviolet inhibited, will not rust, chip or peel.
- Urethane foam filled. Virtually unsinkable.
- 3"-wide reflective band at top provides excellent night visibility.
- Self-righting without tackle.
- Recessed cap allows buoy to stand upright.
- Heavy steel galvanized anchoring eye cast in an internal concrete ballast.
- Standard symbols and messages included in price.

Available Options

- Stainless steel anchoring eye for salt water applications.
- Special non-standard messages.
- Agency or name identification.
- Yellow buoy.

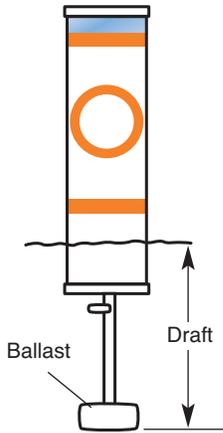
Model B1226

Features

- 12" diameter white ABS plastic exterior.
- DURABLE—will not rust, chip or peel.
- UNSINKABLE—completely urethane foam filled.
- 2" orange reflective band at top provides excellent nighttime visibility.
- 3/8" galvanized attachment eyebolt.
- Choice of inland waterway marking symbols and standard messages (2 sets).
- Excellent adhesion of lettering and paint.
- Cable and attaching hardware available (see page 17).

Net weight	12 lbs.
Shipping weight	18 lbs.





Standard cans widely used by the U.S. Army Corps of Engineers.

Features

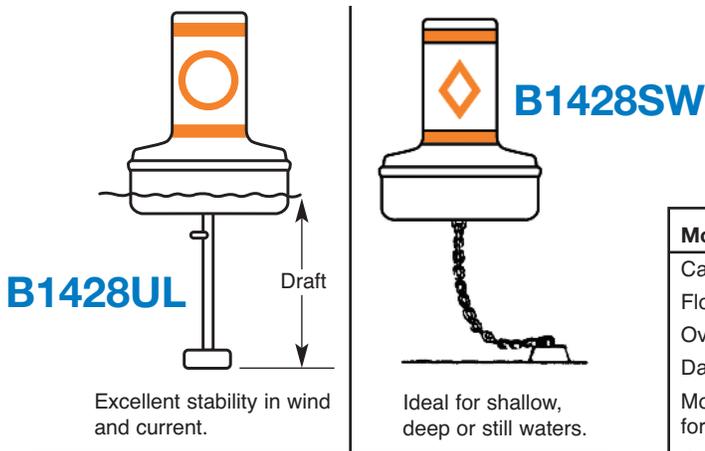
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials. See page 18.
- ABS exterior, completely urethane foam filled and ultraviolet inhibited.
- Self-righting without tackle.
- Standard bands, symbols and messages included. See page 1 for information.
- Ballast attached by a galvanized steel pipe.
- 3" silver reflective band at top.
- Concrete ballast encased in ABS.

Model		B1251	B1352	B1452	B2445	B2460UL
Can Dia. & Ht.	In.	12x51	13x52	14x52	24x45	24x60
Overall Ht.	In.	73.5	76	86	97	116
Daymark w/36" Exposure	Sq. Ft.	3.0	3.3	3.5	6.0	—
Exposure w/o Tackle	In.	38	40	40	38	—
Mooring Tackle Allowable for 36" Exposure	Lbs.	7	18	22	18	—
Draft	In.	36	35	44	57	59
Submerged Buoyancy	Lbs.	155	190	220	624	780
Net Wt.	Lbs.	71	79	90	138	240
Shipping Wt.	Lbs.	80	86	96	148	330

Available Options

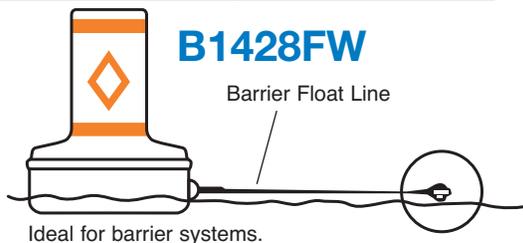
- Solar Lights (see page 11).
- Pickup eye built into top (except B1428FW).
- Non-standard messages.
- Agency and name identification.
- Swivel eyes or pipe thru for side attachment.
- Yellow cans, centerline black and white or red and white.
- All cans available as green channel markers (see page 8). Also red channel markers with nun tops (see page 7).

FLOAT COLLAR CANS ABS For heavy-duty applications



Excellent stability in wind and current.

Ideal for shallow, deep or still waters.



Ideal for barrier systems.

Features

- Galvanized hardware.
- Heavy-duty applications.
- 3" orange reflective band at top (float collar buoys).

B1428SW & B1428FW

- Stainless steel hardware available.

Model		B1428SW	B1428FW	B1428UL
Can Dia. & Ht.	In.	14x30	14x30	14x30
Float Collar Dia. & Ht.	In.	28x12	28x12	28x12
Overall Ht.	In.	49	49	89
Daymark w/36" Exposure	Sq. Ft.	4.1	4.1	4.1
Mooring Tackle Allowable for 36" Exposure	Lbs.	29	40	29
Draft	In.	under 9	under 6	51
Submerged Buoyancy	Lbs.	320	340	350
Net Wt.	Lbs.	105	93	120
Shipping Wt.	Lbs.	135	135	145

B1428FW—Internal ballast – side attachment

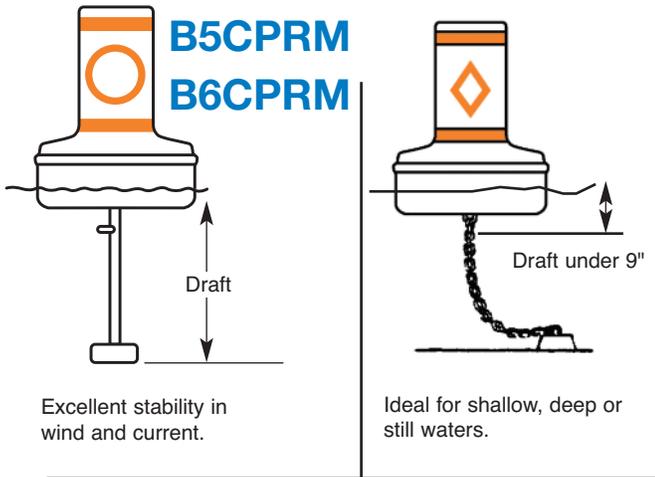
B1428SW—Internal ballast – bottom attachment

B1428UL—Heavy duty – external ballast



FLOAT COLLAR TYPE ABS

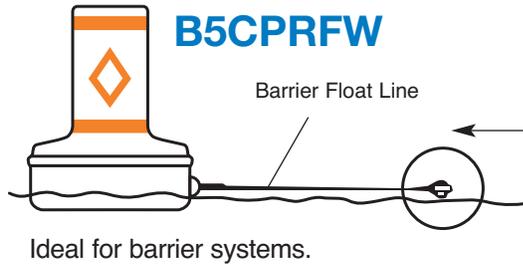
B5CPRSW



Features

- Heavy-duty applications.
- Orange reflective band at top.
2" for Model B6CPRM
3" for Model B5CPRM
- Galvanized hardware.

Model		B6CPRM ½ Mile Buoy	B5CPRM 1 Mile Buoy	B5CPRFW B5CPRSW
Can Dia. & Ht.	In.	12x21	19x33	19x33
Collar Dia. & Ht.	In.	28x12	38x13	38x13
Overall Ht.	In.	56.3	84.5	50
Daymark w/o Mooring	Sq. Ft.	3.5	7.5	—
Buoyancy/In. Submerged	Lbs.	22.2	41	39
Draft	In.	24	39	9
Submerged Buoyancy	Lbs.	287	815	700
Net Wt.	Lbs.	83	124	164
Shipping Wt.	Lbs.	90	140	209

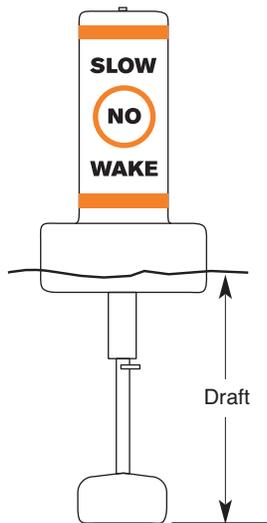


- B5CPRSW** – Internal ballast – bottom attachment
- B5CPRFW** – Internal ballast – side attachment
- B6CPRM** – Heavy duty – external ballast
- B5CPRM** – (1 mile buoy)

SUPER-TOUGH CAN BUOYS



B2413UL



Features

- Super-tough white LLDPE shell. Ultraviolet inhibited.
- Completely urethane foam filled. Virtually unsinkable.
- Self-righting without tackle.
- Replaceable white vinyl wrapper.
- Standard bands, symbols, messages included.
- 1½" sch. 40 galvanized pipe through buoy.
- 10" dia. galvanized steel plate at top (can).

Model		B2413UL
Can Dia. & Ht.	In.	13x30
Collar Dia. & Ht.	In.	24x10
Overall Ht.	In.	75
Exposure w/o Tackle	In.	36
Submerged Buoyancy	Lbs.	240
Net Wt.	Lbs.	116
Shipping Wt.	Lbs.	125

Available Options

- Solar light (see page 11).





Channel Markers

For marking borders and centerlines of channels.

9" DIAMETER ABS TYPE NUN AND CAN TYPES

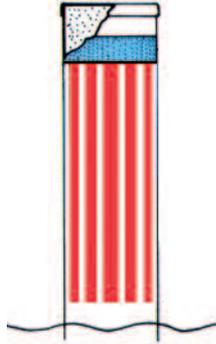
Model B1148R Red with 3" red reflective band

Model B1148G Green with 3" green reflective band

Model-B1149R Red & White Stripe

Model-B1149B Black & White Stripe

Submerged buoyancy	84 lbs.
Net weight	49 lbs.
Shipping weight	56 lbs.



Features

- Easy reconditioning of weather-worn buoys, with excellent adhesion of restoration materials.
- ABS plastic exterior.
- Ultraviolet inhibited, will not rust, chip or peel.
- Completely urethane foam filled.

Available Options

- Stainless steel mooring eyes.
- Agency or name identification.
- White numerical markings.
- Solar lights (see page 11).

POLYETHYLENE SUPER-TOUGH CHANNEL MARKERS



Designed for problem areas where buoys are subject to abuse and vandalism.

Available Options

- Stainless steel mooring eyes.
- Agency or name identification.
- White numerical markings.
- Solar lights (see page 11).

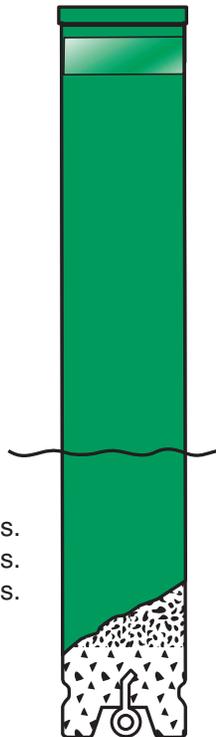
Model B961RC Red Nun

Model B961GC Green Can

Model B961CB Centerline Black

Model B961CR Centerline Red

Submerged buoyancy	84 lbs.
Net weight	49 lbs.
Shipping weight	56 lbs.



Features - see page 2

5" DIA. CHANNEL MARKERS



B576SR

RED

Model B576SR Red

Model B576SG Green

Model B576SC Centerline (Red and White)

Model B576SCB Centerline (Black and White)

Submerged buoyancy	30 lbs.
Net weight	24 lbs.
Shipping weight	28 lbs.



B576SG

GREEN

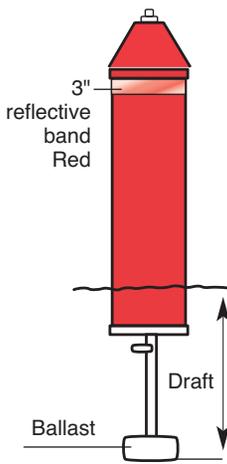
Same ABS construction and features as 5" Spar Buoys (see page 3). 76" high with 3" reflective band at top.



Large Red Channel Markers



For marking right side of channel when facing upstream or right side of harbor when entering. Widely used by Local, State and Federal agencies.



STANDARD NUNS

Concrete ballast encased in ABS and attached to buoy by a galvanized steel pipe.

Features

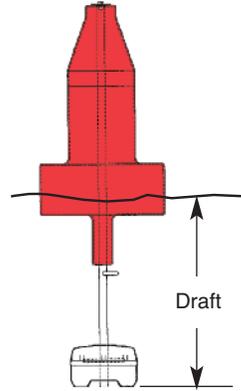
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials. See page 19.
- Solid red with 3" reflective band.
- ABS exterior, completely urethane foam filled.
- Self-righting and excellent stability without mooring.
- Galvanized hardware.

Available Options — All Nuns

- Pickup eye built into top.
- Agency and name identification.
- White numerical markings.
- Solar lights (see page 11).

Model		B1352N	B1452N	B2445N	B2460ULN
Nun Base Dia.	In.	13	14	24	24
Overall Ht.	In.	76	86	97	116
Exposure w/o Tackle	In.	40	40	39	—
Mooring Tackle Allowable for 36" Exposure	Lbs.	18	22	42	—
Draft	In.	35	44	57	—
Submerged Buoyancy	Lbs.	160	178	470	78
Net Wt.	Lbs.	79	87	134	240
Shipping Wt.	Lbs.	86	96	145	330

RED NUN X-TRA HEAVY DUTY B2413ULN FLOAT COLLAR



Features

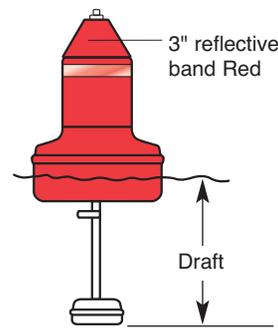
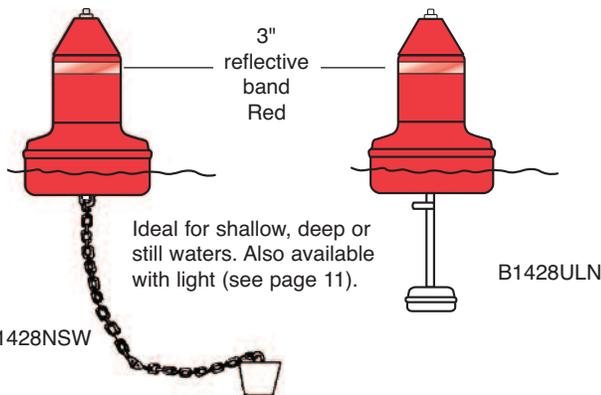
- Super-tough red LLDPE shell. Ultraviolet inhibited.
- Completely urethane foam filled. Virtually unsinkable.
- Self-righting without tackle.
- 1½" sch. 40 galvanized pipe thru buoy.
- 3¾" dia. galvanized washer at top.

Model		B2413ULN
Can Dia. & Ht.	In.	13 x 30
Collar Dia. & Ht.	In.	24 x 10
Overall Ht.	In.	75
Exposure w/o Tackle	In.	36
Submerged Buoyancy	Lbs.	240
Net Wt.	Lbs.	116
Shipping Wt.	Lbs.	—

Available Options

- Solar light (see page 11).
- Pick-up eye.

FLOAT COLLAR NUNS



For general mooring suggestions, see page 20. For hardware, see page 17.

B5NPRFW—Internal ballast — side attachment

B5NPRSW—Internal ballast — bottom attachment

Model		B1428NSW	B1428ULN
Nun Base Dia.	In.	14	14
Float Collar Dia. & Ht.	In.	28x12	28x12
Overall Ht.	In.	49	89
Mooring Tackle Allowable for 36" Exposure	Lbs.	36	29
Draft	In.	Under 9	51
Submerged Buoyancy	Lbs.	295	325
Net Wt.	Lbs.	92	120
Shipping Wt.	Lbs.	135	145

B1428NSW—Internal ballast — bottom attachment - optional SS hardware.

B1428ULN—Heavy duty external ballast — concrete encased in ABS. Excellent stability in wind and current.

Model		B6NPRM ½ Mile Buoy	B5NPRM 1 Mile Buoy	B5NPRFW B5NPRSW
Nun Base Dia.	In.	14	22	22
Float Collar Dia. & Ht.	In.	28x12	38x13	38x13
Overall Ht.	In.	58	86	50
Buoyancy/In. Submerged	Lbs.	22.2	41	39
Draft	In.	24	39	9
Submerged Buoyancy	Lbs.	295	765	700
Net Wt.	Lbs.	80	117	164
Shipping Wt.	Lbs.	90	130	209

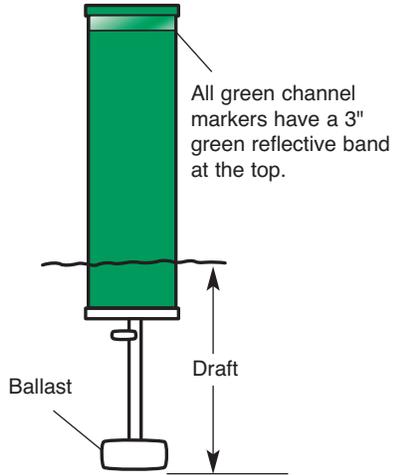
B5NPRSW—Optional SS hardware.



Large Green Channel Markers

STANDARD CANS

Widely used by the U.S. Corps of Engineers.
Concrete ballast encased in ABS.
Ballast attached by a galvanized steel pipe.



Features

- Galvanized hardware.
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials. See page 18.
- Solid green with 3" reflective band.
- ABS exterior, completely urethane foam filled.
- Self-righting and excellent stability without mooring.

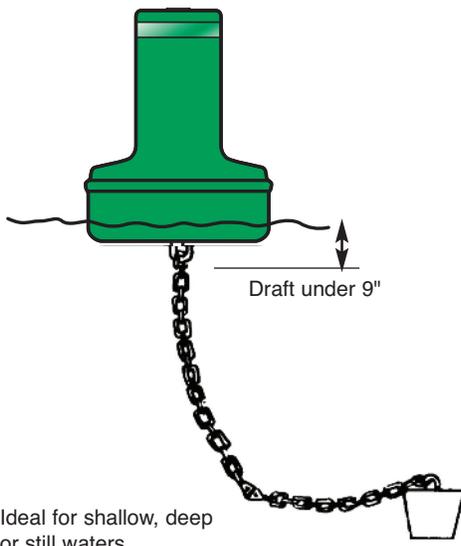
Available Options — All cans

- Pickup eye built into top.
- Agency and name identification.
- White numerical markings.
- Solar lights (see page 11).

Model		B1251G	B1352G	B1452G	B2445G	B2460ULG
Can Dia. & Ht.	In.	12x51	13x52	14x52	24x45	24x60
Overall Ht.	In.	73.5	76	86	97	116
Daymark w/36" Exposure	Sq. Ft.	3.0	3.3	3.5	6.0	—
Exposure w/o Tackle	In.	38	40	40	38	—
Mooring Tackle Allowable for 36" Exposure	Lbs.	7	18	22	18	—
Draft	In.	36	35	44	57	59
Submerged Buoyancy	Lbs.	155	190	220	624	780
Net Wt.	Lbs.	71	79	90	138	240
Shipping Wt.	Lbs.	80	86	96	148	330

For mooring suggestions, see page 20. For hardware, see page 17.

B1428SWG – Internal ballast bottom mooring eye
B1428FWG – Internal ballast side mooring eye



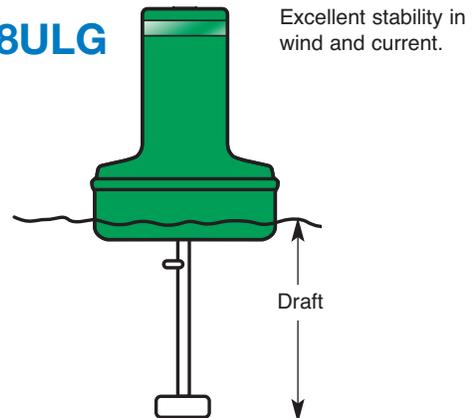
Ideal for shallow, deep or still waters.

Model B1428SWGSS same as B1428SWG except buoy has stainless steel hardware.

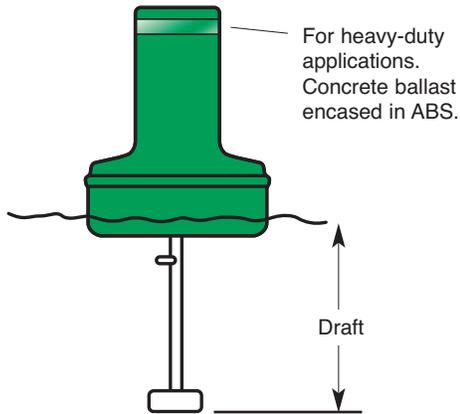


Model		B1428SWG	B1428FWG	B1428ULG
Can Dia. & Ht.	In.	14x30	14x30	14x30
Float Collar Dia. & Ht.	In.	28x12	28x12	28x12
Overall Ht.	In.	49	49	89
Mooring Tackle Allowable for 36" Exposure	Lbs.	29	40	29
Draft	In.	under 9	under 6	51
Submerged Buoyancy	Lbs.	320	340	350
Net Wt.	Lbs.	105	93	120
Shipping Wt.	Lbs.	135	135	145

B1428ULG



B6CPRMG



COAST GUARD TYPE

With external ballast.

Model		B6CPRMG ½ Mile Buoy	B5CPRMG 1 Mile Buoy	B5CPRFWG B5CPRSNG
Can Dia. & Ht.	In.	12x21	19x33	19x33
Collar Dia. & Ht.	In.	28x12	38x13	38x13
Overall Ht.	In.	56.3	84.5	50
Daymark w/o Mooring	Sq. Ft.	3.5	7.5	—
Buoyancy/In. Submerged	Lbs.	22.2	41	39
Draft	In.	24	39	9
Submerged Buoyancy	Lbs.	287	815	700
Net Wt.	Lbs.	83	124	164
Shipping Wt.	Lbs.	90	140	209

B5CPRSNG – Internal ballast – bottom attachment

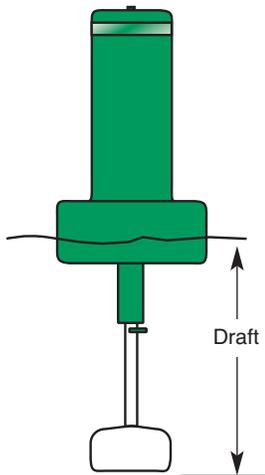
B5CPRFWG – Internal ballast – side attachment

B6CPRMG – External Ballast

B5CPRMG – External Ballast

B2413ULG

X-TRA HEAVY DUTY



Features

- Super-tough green LLDPE shell. Ultraviolet inhibited.
- Completely urethane foam filled. Virtually unsinkable.
- Self-righting without tackle.
- 10" galvanized steel washer at top.
- 1½" sch. 40 galvanized pipe thru buoy.

Available Options

- Solar light (see page 11).
- Pickup eye.

Model		B2413ULG
Can Dia. & Ht.	In.	13x30
Collar Dia. & Ht.	In.	24x10
Overall Ht.	In.	75
Exposure w/o Tackle	In.	36
Submerged Buoyancy	Lbs.	240
Net Wt.	Lbs.	116
Shipping Wt.	Lbs.	125



9" MARKER BUOY

Do not pass between buoy & shore

Features

- Easy reconditioning of weather-worn buoys, with excellent adhesion of restoration materials.
- ABS plastic exterior.
- Ultraviolet inhibited, will not rust, chip or peel.
- Completely urethane foam filled.

Available Options

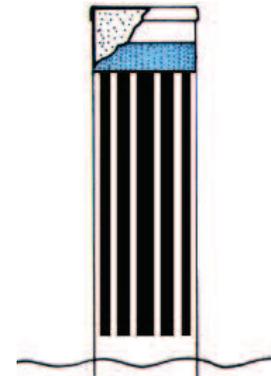
- Stainless steel mooring eyes.
- Agency or name identification.
- White numerical markings.
- Solar lights (see page 11).

Submerged buoyancy 84 lbs.
 Net weight 49 lbs.
 Shipping weight 56 lbs.

Model B961RSM –
 H.D. Polyethylene – shore marker buoy

MODEL B1149SM Shore Marker

With black & white vertical stripes





Markers

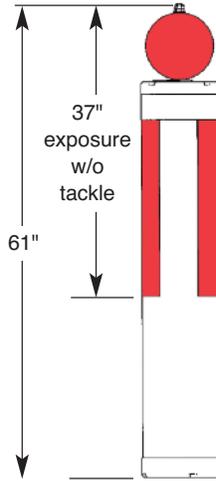
SAFE WATER MARKERS

Model B1149SW

Features

- 9" dia. white ABS exterior.
- Completely urethane foam filled.
- Self-righting without tackle.
- Red polyethylene sphere at top.
- Vertical red and white stripes.

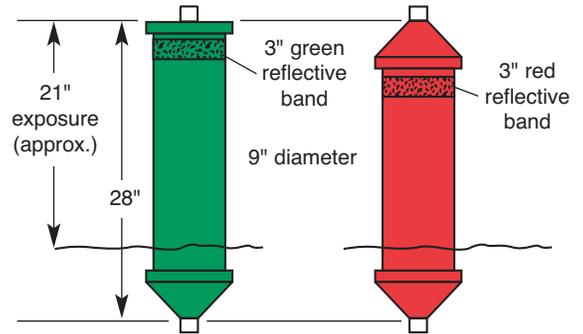
37" exposure without tackle
Net weight 53 lbs.



TIDAL BUOY CHANNEL MARKERS

Easily installed on length of standard schedule 40 galvanized 1"-dia. steel pipe. Moves up and down with tide.

- Seamless ABS plastic exterior.
- Completely urethane foam filled.
- Durable - unsinkable.
- 1½" I.D. PVC pipe thru center.



B929TRN Red Nun

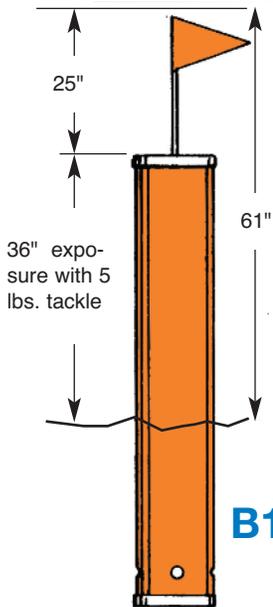
B929TGC Green Can

Shipping weight 8 lbs.

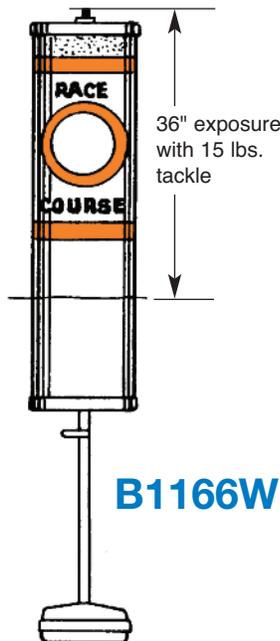
RACE COURSE MARKERS

Features

- ABS plastic exterior.
- Urethane foam filled.
- Ballasted for self-righting without tackle.
- Excellent visibility.



B11529O



B1166W

Model		Model
B11529O	Solid Orange	B1166O
B11529W	White	B1166W
1/2-1 mile	Sight Range	1-2 miles
9"	Diameter	14"
49 lbs.	Net Weight	90 lbs.
2.5 sq. ft	Daymark	3.6 sq. ft
56 lbs.	Shipping Wt.	96 lbs.

TIDAL BUOY REGULATORY MARKER

MODEL B948TB

- 9" Diameter x 48"
- Orange reflective symbols two sides
- 3" orange reflective band top & bottom
- Black letters two sides
- 1½" sch 80 PVC pipe thru
- Urethane foam filled



Solar Lights

11

STANDARD FEATURES

Light source- LEDs
Colors – Amber, clear, green & red
Estimated battery life – 3-5 years
Std flash rates – 15, 30, 60 FPM (Flashes per minutes)

Easy installation – just bolt down
Sun switch detects daylight & turns off
Low/no maintenance

ONE MILE #101 SERIES



T-81 ONE & T-82 TWO MILE

Features

- Stainless steel/polycarbonate construction
- Factory programmable
- Lights are repairable

TWO MILE PART NO.	ONE MILE PART NO.	COLOR
B382A	B381A	Amber
B382C	B381C	Clear
B382G	B381G	Green
B382R	B381R	Red



ONE MILE #502

Features

- High performance
- Rugged construction & reliability
- Factory programmable
- Lights are sealed, not repairable

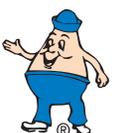
PART NO.	COLOR
B345A	Amber
B345C	Clear
B345G	Green
B345R	Red

ACCESSORIES

B345SLA—Adapter for 502 light
B341SLA—Adapter for T-81 light
B340SLA—Adapter for T-82 light
B101SLA—Adapter for 101 light

B21911—1" TP Screws
B21912—1½" TP Screws
B1762WN—Rubber Insert
B197293SS—SS Washer

B21910S—TP Screwdriver
B381BATP—T-81 Battery Pack
B382BAT—T-82 Battery



Barrier Floats • Durable Polyethylene

Super-tough polyethylene hull.

Barrier floats are attached in series to restrict boating traffic or swimmers from specific danger areas such as around dams, spillways and swim areas.

Features

- Shatter-proof—will not crack, chip, peel or rust.
- Unsinkable—completely urethane foam filled.
- One-piece construction.

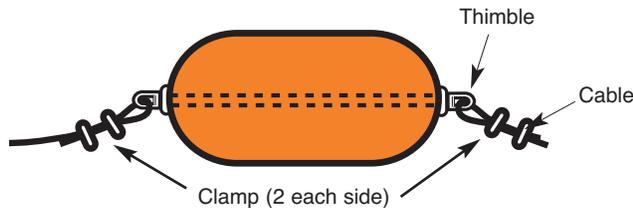


Available Options

- Available in solid international orange or all white as noted.
- Reflective bands and/or symbols available on Models B1830, B2436, and B1130.
- Yellow available on special order.
- Type B floats available with larger I.D. pipe thru center.

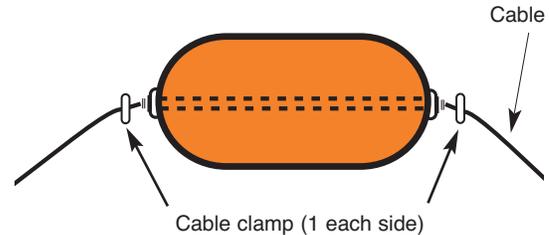
Type A

Steel rod thru float Swivel eye nuts both ends



Type B

Steel or plastic pipe thru float



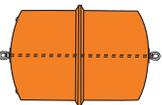
Note - "W" specifies white "O" orange

Model Number	Barrier Float Styles	Dia. and Length	Type	Description—Standard colors are international orange and white, plain solid color (specify when ordering)	Sub. Buoyancy	Net Wt.
B1130AW B1130AO		12" x 13"	A	7/16" dia. galvanized steel rod with 3" dia. attachment hoop one side only.*	33 lbs.	4 lbs.
B1130BW B1130BO			B	1/2" sch. 40 PVC pipe thru float.		
B618BO		6" x 18"	A	1/2" sch. 40 PVC pipe thru	—	3 lbs.
B1318AW B1318AO		13" Dia.	A	1/2" dia. steel rod thru float. Galvanized eye nut swivels on both ends.	55 lbs.	10 lbs.
B1318BW B1318BO		18" Length	B	1/2" sch. 40 PVC pipe thru float. Anchored to prevent movement.		
Orange Only B1400AO		14" Sphere	A	7/16" dia. galvanized steel rod with 3" dia. attachment hoop one side only.*	50 lbs.	6 lbs.
B1400BO			B	1/2" sch. 40 PVC pipe thru float.		
Orange Only B1600AO		16" Sphere	A	1/2" dia. steel rod thru float. Galvanized eye nut swivels on both ends.	70 lbs.	8 lbs.
B1600BO			B	1/2" sch. 40 PVC pipe thru float.		
B1800AW B1800AO		18" Sphere	A	1/2" dia. steel rod thru float. Galvanized eye nut swivels on both ends.	—	14 lbs.
B1800BW B1800BO			B	1/2" sch. 40 PVC pipe thru float.		

* No hardware opposite side. Excellent for swim areas. (B1130A & B1400A) Optional SS hardware.



Note - "W" specifies white "O" orange

Model Number	Barrier Float Styles	Dia. and Length	Type	Description—Standard colors are international orange and white, plain solid color (specify when ordering)	Sub. Buoyancy	Net Wt.
Orange Only B2400AO		24" Dia.	A	1/2" dia. galvanized steel rod thru float with steel reinforcing washers on both ends. Large 3" dia. hoop. Completely foam filled.	240 lbs.	20 lbs.
B2400BO			B	1" dia. galvanized steel pipe thru float. Anchored to prevent movement.		
B1830AW B1830AO		18" Dia.	A	5/8" dia. steel rod thru float. Galvanized swivel eye nuts on both ends.	200 lbs.	25 lbs.
B1830BW B1830BO		30" Length	B	1" sch. 40 galvanized steel pipe thru float.		
B1830CW B1830CO			C	5/8" dia. steel rods thru float and also across dia. in center. Eye nut swivels on both ends of float. Top eye for buoy pick-up only. Not for mooring.		
NEW! B1848AO		18" Dia.	A	3/4" dia. steel rod thru float. Galvanized swivel eye nuts on both ends.	45 lbs.	
NEW! B1848BO		48" Length	B	1" sch. 40 galvanized steel pipe thru float.		
B2436AW B2436AO		24" Dia.	A	3/4" dia. steel rod thru float. Galvanized eye nut swivels on both ends.	385 lbs.	55 lbs.
B2436BW B2436BO		36" Length	B	1" sch. 40 galvanized steel pipe thru float.		
B2436CW B2436CO			C	3/4" dia. steel rods thru float and also across dia. at center. Eye nut swivels on both ends of float. Top eye for buoy pick-up only. Not for mooring.		
Orange Only B3452AO		34" x 52"	A	3/4" dia. steel rod thru float, Galvanized swivel eyes both ends.	1600 lbs.	116 lbs.
B3452BO		34" x 52"	B	1" sch. 40 galvanized steel pipe thru float.		

Rope Floats

FEATURES

- Self lock.
- Use for swim area.

Model Number	Lock-on Float Styles	Dia. and Length	Description	Net Wt.
B035LO		3" x 5"	1/2" dia. hole, orange/white/orange polyethylene shell. Ultraviolet inhibited. Lock on rope without fastener. Orange/white/orange.	.12 lbs.
B059LO		5" x 9"		.42 lbs.
B139R3 B139R6	Rope	1/2" x 300 1/2" x 600	1/2" orange and white twisted polypropylene rope, 300' reel 600' reel	35 lbs. 65 lbs.





Rolyan® Pontoon Float

Used as a safety barrier for dams and spillways.

Model B4872PF

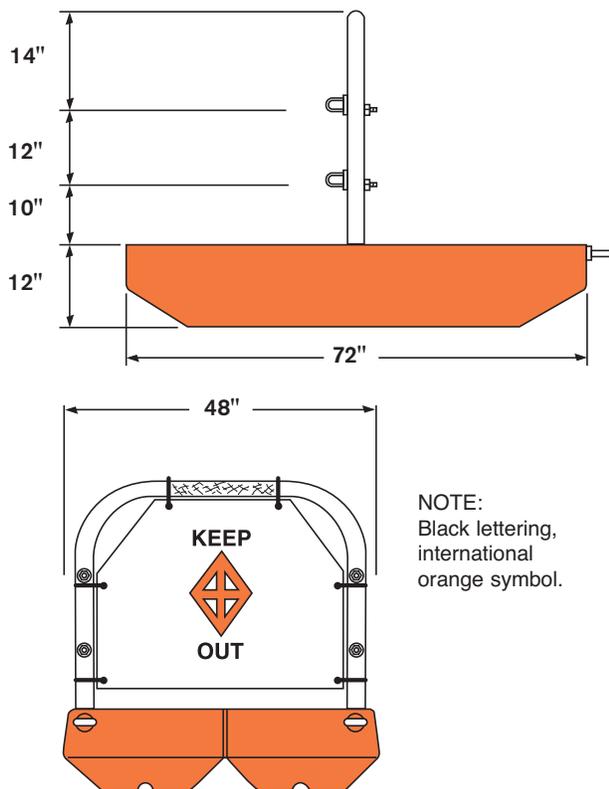
Features

- Tough LLDPE exterior.
- High-visibility orange pontoon.
- Completely urethane foam filled.
- Displays white nylon sign.
- Sign mount structure hot dipped galvanized 1" sch 40 pipe.
- Minimum assembly required.
- Built-in handles.
- 18"-long orange reflective tape on top horizontal pipe.
- 1" sch 40 pipe mounting structure folds down for easy storage and shipping.
- Weight: 200 lbs.

Available Options

- One- or two-mile solar light (see page 11).
- White reflective aluminum sign with orange symbols & black message

B4872PFS white vinyl replacement sign with orange symbol & message



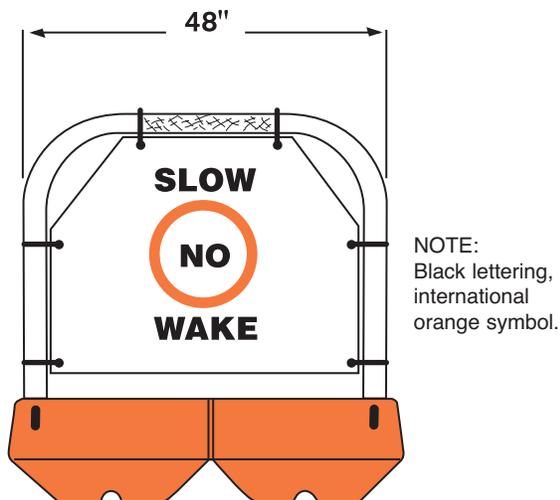
Floating Sign

Displays visible nylon sign both sides for regulating boat traffic.

Model B4872FS

Features

- Tough LLDPE exterior.
- High-visibility orange pontoon.
- Completely urethane foam filled.
- Displays white nylon sign.
- Sign mount structure hot dipped galvanized 1" sch 40 pipe.
- Minimum assembly required.
- Built-in handles.
- Four ea. corner mooring eyes.
- 18"-long orange reflective tape on top horizontal pipe (two sides).
- 1" sch 40 pipe mounting structure folds down for easy storage and shipping.
- Weight: 200 lbs.



NOTE: Requires 4 ea. corner mooring anchors

Available Options

- One- or two-mile solar light (see page 11).
- White reflective aluminum sign with orange symbols & black message

B4872PFS white vinyl replacement sign with orange symbol & message



Mooring Buoys



Features

- Tough plastic exterior—will not rust, chip or peel.
- Ultraviolet inhibited.
- Completely urethane foam filled.



	SUGGESTIONS	CHAIN
<p>B1140 Light Duty</p> <p>Submerged buoyancy 30 lbs. Net weight 3 lbs. Shipping weight 4 lbs. Recessed 1" blue band White HDPE shell</p>	<p>Supports 15 lbs. tackle 1/2 submerged</p> <p>NOTE—Do not attach boat to top of buoy.</p>	<p>1/4" proof coil up to 20'</p> <p>Larger chain not recommended</p>
<p>B1145 Medium Duty</p> <p>Submerged buoyancy 80 lbs. Net weight 9 lbs. Shipping weight 13 lbs. 3" blue band White ABS shell</p>	<p>Supports 24 lbs. tackle 1/3 submerged</p> <p>NOTE—Do not attach boat to top of buoy.</p>	<p>1/4" proof coil up to 30'</p> <p>3/8" up to 14' 1/2" up to only 8'</p>
<p>B1146MB Heavy Duty</p> <p>Submerged buoyancy 225 lbs. Net weight 28 lbs. Shipping weight 36 lbs. Recessed 4" blue reflective band</p>	<p>Supports 100 lbs. tackle 1/3 submerged</p> <p>NOTE—Do not attach boat to top of buoy.</p>	<p>Smaller than 3/8" not recommended</p> <p>3/8" up to 60' 1/2" up to 30'</p>

Note: The design and selection of a mooring system should be determined by a qualified professional engineer who is familiar with the specific application and local conditions. The illustrations shown are provided for informational purposes and are not intended to be suggested designs. The company assumes no responsibility for any mooring system based upon these illustrations.

Proof coil chain is recommended for mooring of boats. The weight and water resistance of chain provides a "soft" pull on moored boats. It is important to inspect annually the mooring tackle for wear and abrasion.



HDPE* Type Mooring Buoy

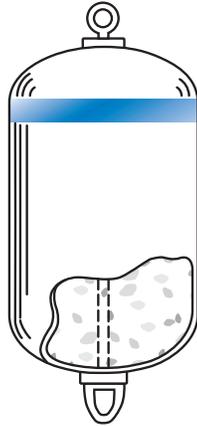
Polyethylene mooring buoy—X-tra heavy duty.

Model B1830MB Mooring Buoy

Features

- White polyethylene shell
- 3/4" Dia. HDG eyebolt
- Bottom swivel eye
- 2½" top eye attachment
- 3" Blue reflective band
- Completely urethane foam filled
- Size 18" x 30"

Submerged Buoyancy— 100 Lbs.
 Net Weight— 28 Lbs.
 Ship Weight— 32 Lbs.

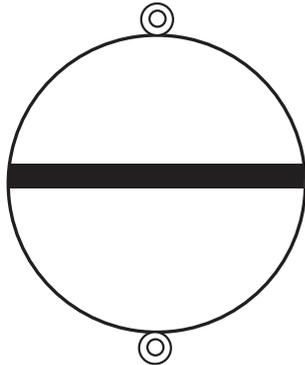
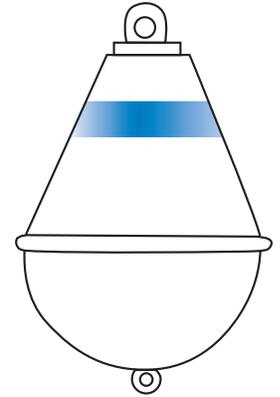


Model B1146SE Mooring Buoy

Features

- White polyethylene shell
- 3/4" Dia. HDG eyebolt thru
- Bottom swivel eye
- 3" ID top eye
- 4" Blue recessed reflective band
- Completely urethane foam filled

Submerged Buoyancy— 100 Lbs.
 Net Weight— 28 Lbs.
 Ship Weight— 36 Lbs.



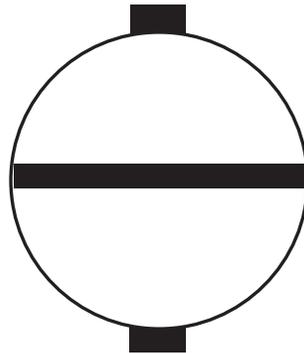
Model B1800MB Mooring Buoy

Features

- 5/16" Eyebolt with 3" hoop
- 1" Blue band
- Swivel at bottom
- 18" Diameter
- White LLDPE shell

NOTE—Do not attach boat to top of buoy.

Submerged Buoyancy— 100 Lbs.
 Net Weight— 13 Lbs.



Model B2400MB Mooring Buoy

Features

- 2" Sch 40 galv. Pipe thru
- 2" Blue reflective band
- White polyethylene shell
- 24" Blue band
- Completely urethane foam filled

Submerged Buoyancy— 240 Lbs.
 Net Weight— 32 Lbs.

Rolyan® Ice Spar

Durable spar-type float ideal for winter use.

Features

- White HDPE shell w/UVI
- Completely urethane foam filled
- 7/16" dia. Eye (3" ID)
- 2" Orange reflective bands (3 ea.)
- Tapered design resists freeze-in



Model	B631IS	B631ISB
Overall Height	35"	35"
Diameter	5" tapered	5" tapered
Submerged Buoyancy	18 lbs.	11 lbs.
Net Weight	3 lbs.	10 lbs.
Shipping Weight	5 lbs.	12 lbs.



Chain • Cable • Hardware • Anchors



PERMAFLEX® CABLE

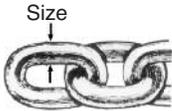
Lightweight
High strength
Safe to handle
Tough, durable, bright yellow, waterproof plastic covering is highly resistant to alkalis and salt



Covering O.D.	Part No.	Cable Dia.	Construction ①	Weight Lb./Ft.	Breaking Strength Lbs.	Standard Reel Size②	Reel Wt. Lbs.
5/32"	B1934	1/8"	7 x 7	.028	920	1000'	28
1/4"	B1936	3/16"	7 x 7	.065	3700	500'	37
5/16"	B1931	1/4"	7 x 7	.12	6100	500'	60
15/32"	B1933	3/8"	7 x 19	.28	14400	500'	180

Permaflex Cable – Galvanized steel wire rope coated & Impregnated with yellow polypropylene plastic.

CHAIN



	Size	Part No.	Weight Lb./Ft.	Working Load Limit Lbs.	Standard Drum Size①
Proof Coil Heavy Duty Steel Chain	1/4"	B1828	.42	1300	400'
Hot Dipped Galv.	3/8"	B1829	1.36	2650	200'
	1/2"	B18210	2.3	4500	100'

NOTES: ① Chain may also be purchased by the foot. Subject to cut charge.

GALVANIZED HARDWARE

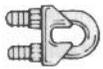


CABLE THIMBLES

Standard
Electro
Galvanized

Heavy Duty
Hot Dipped
Galvanized

Size	Part No.	Weight Lb./Ft.
3/16"	B2311	.03
1/4"	B2312	.04
5/16"	B2313	.05
1/2"	B2316	.15
1/4"	B2324	.08
5/16"	B2321	.11
1/2"	B2323	.47



CABLE CLAMPS

Standard
Electro
Galvanized

Heavy Duty
Hot Dipped
Galvanized

3/16"	B1831	.2
1/4"	B1832	.3
5/16"	B1833	.4
1/2"	B1835	.5
3/16"	B2331	.11
1/4"	B2332	.16
5/16"	B2333	.28
1/2"	B2335	.82



CONNECTING LINKS

Electro
Galvanized

1/4"	B1891	.10
3/8"	B1892	.25
1/2"	B1893	.54



QUICK LINKS

Electro
Galvanized

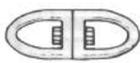
1/4"	B1801	.10
3/8"	B1803	.19
1/2"	B1804	.38



ANCHOR SHACKLES

Hot Dipped
Galvanized

5/16"	B1900	.25
3/8"	B1901	.30
1/2"	B1902	.75



SWIVELS

Hot Dipped
Galvanized

1/4"	B1921	.21
3/8"	B1922	.61
1/2"	B1923	.93

ANCHORS

ANCHORS CONCRETE	Avg. Wt. Lbs.	Under-water Wt. Lbs.
<p>B1842 1/2" Round Steel Eye Hot Dipped Galvanized</p>	90	54
<p>B21620 1/2" Round Steel Eye Hot Dipped Galvanized</p>	200	164
<p>B2152 1/2" Round Steel Eye Hot Dipped Galvanized</p>	300	180

ANCHOR KITS

<p>B2161</p>	Tough, high-density polyethylene anchor form. Cast up to 300 lb. concrete anchors.
<p>B2163</p>	Plastic anchor form for 90 lb. concrete anchors.
<p>B2162</p>	1/2" Steel anchor eye and steel wire mesh.

Stainless steel hardware available.
Call for pricing.



Restoration Materials and Kits

SYMBOLS — Orange, reflective, self-adhesive

	11"	11"	12" Dia.	11"
2" Band width				
	14"	14"		14"
Standard	B4991	B4992	B4993	B4994
Hi Intensity	B4991H	B4992H	B4993H	B4994H

REFLECTIVE TAPES

For bands, self-adhesive, Sold in 50-yd. rolls—choice of colors.

Size/Color	Standard Reflective		Hi-Intensity Reflective		
2" Orange (50 yds.)	B3195		B3195H		
3" Orange (50 yds.)	B3194		B3194H		
3" Red (50 yds.)	B3191		B3191H		
3" Green (50 yds.)	B3192		B3192H		
3" Silver (50 yds.)	B3193		B3193H		
Buoy diameter	9"	12"	13"	14"	24"
Tape reqd. for one band	30"	40"	43"	46"	77"

LETTERING

Black, reflective self-adhesive (specify message)

B1465—2" Height

B1461—3" Height

CAPS

for 9" dia. buoys.

B3001—White cap for B1147R

B3001N—Red nun cap for B1148R

B3002—White cap w/3 screws for B961R

B3002N—Red nun cap w/3 screws for B961RC

B3002G—Green cap w/3 screws for B961GC

B1251FCAP—White cap for B1251

B1428FCAP—White cap for B1428

B1981FP—Foam plug white 1"

Larger size caps available. Call for pricing.

RESTORATION KIT

Model B2400RK

For model B2445 & B2460 Buoys

- Two 3" orange reflective bands
- One 3" silver reflective bands
- Two reflective symbols
- Black 3" letters for message
- All items are self adhesive.



VINYL WRAPPERS

for renewing appearance of buoys.



White, self-adhesive wrappers—complete with orange bands, symbols and black messages. Specify symbols and messages desired.

B2939B	for B1147R buoys, with bands
B2939WB	for B1147R buoys, without bands
B2939SM	for B1149SM buoy
B2939BHD	for B961R buoys, with bands
B2939WBHD	for B961R buoys, without bands
B29312B	for B1251 buoys, with bands
B29312WB	for B1251 buoys, without bands
B29313B	for B1352 buoys, with bands
B29313WB	for B1352 buoys, without bands
B29314B	for B1452 buoys, with bands
B29314WB	for B1452 buoys, without bands
B293FCB	for B1428 float collar buoys, with bands
B293FCWB	for B1428 float collar buoys, without bands
B2413WR	for B2413UL buoy
B2445WBR	for B2445 buoy with bands
B5CPRWBS	for B5CPR buoy with bands
B576WB	for B576S buoy with bands
	12", 13", and 14" dia. wrappers supplied in two sections for easier application. Wrappers available for other buoys. Call for pricing.
B2351	Spreader to apply wrapper

ABS PATCHING COMPOUND

for repair of damaged buoys.

Make durable repairs that extend buoy serviceability. Where more than 1/8" buildup is needed, apply in layers allowing 24 hours to dry before use.

Color	1/2 pt. can	1 qt. bottle
White	B2933W	B29310W

CLEAR-GUARD PROTECTIVE COATING

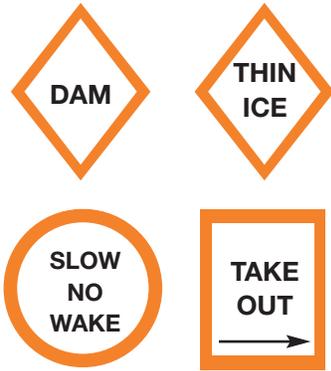
helps restore gloss and ultraviolet protection.

Air dries in approximately 15 minutes. Disposable gloves provided with order.

	Approx. Coverage
B2938 —1 quart	50 9" buoys
B2939 —1 gallon	200 9" buoys

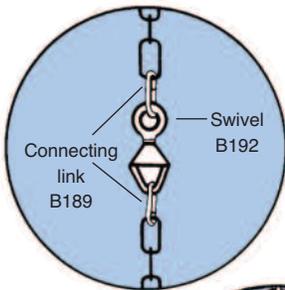
Warning and Portage Signs

**Bold black message on white reflective background with orange border.
.080" aluminum base material. Excellent visibility, day and night.**



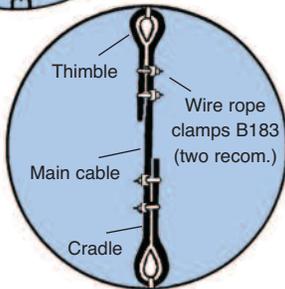
DAM		SLOW NO WAKE		
SIZE (IN.)	PART NO.	SIZE (IN.)	PART NO.	
24 x 24	B2011	24	B22258	
30 x 30	B2021	30	B22259	
36 x 36	B2031	36	B22260	
48 x 48	B2211	TAKE OUT		
THIN ICE		SIZE (IN.)	PART NO.	RIGHT ARROW
24 x 24	B2013	24 x 24	B2012L	B2012R
30 x 30	B2023	30 x 30	B2022L	B2022R
36 x 36	B2033	36 x 36	B2032L	B2032R
48 x 48	B2213	48 x 48	B2212L	B2212R

Mooring Suggestions



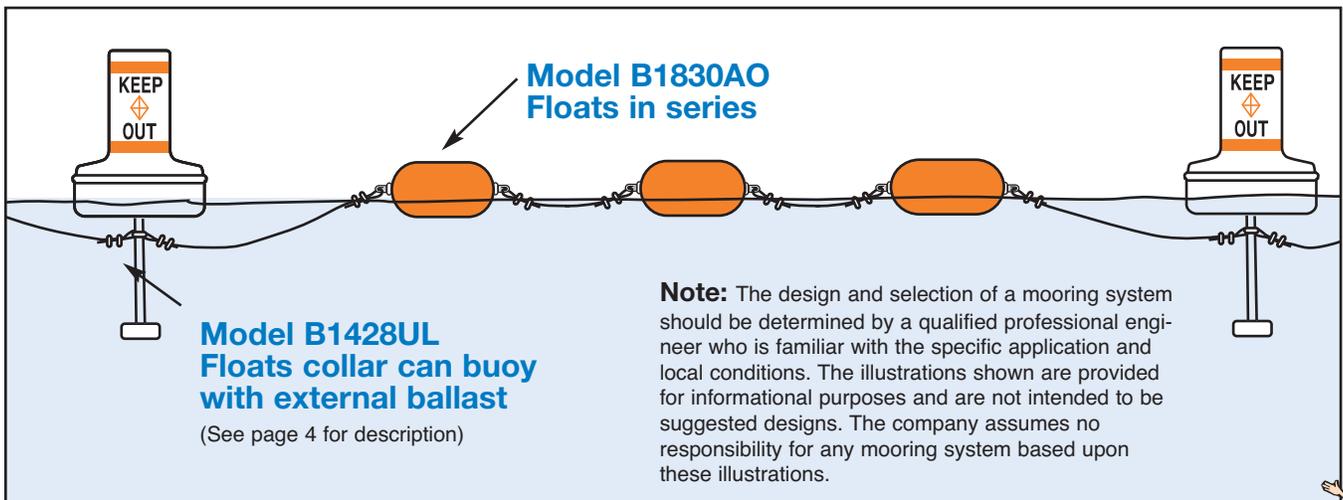
Use swivels to cut chain wear and increase buoy performance. Wind, wave, and current action causes buoys to rotate. This rotation, if severe, can cause chain or cable to twist, which will eventually submerge the buoy, increase chain wear, and increase the load on the anchor.

NOTE - The design and selection of a mooring system should be determined by a qualified professional engineer who is familiar with the specific application and local conditions. The illustrations shown are provided for informational purposes and are not intended to be suggested designs. The company assumes no responsibility for any mooring system based upon these illustrations.



Correct cable clamp assembly. Note from the sketch that the cradle is tightened against main cable. This is the correct assembly method to insure against the clamps, slipping while in service. Be sure to tighten nuts down, alternating from side to side frequently. Thimbles should be assembled so they are firmly trapped within the cable loop.

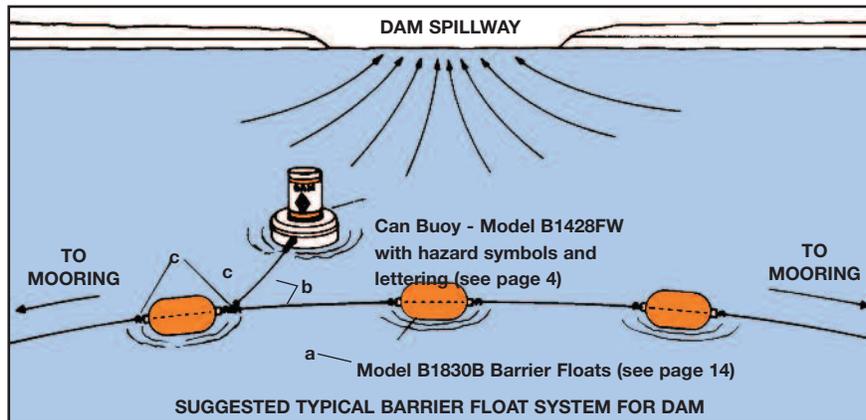
Typical Barrier Float System



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Application and Mooring Suggestions



Typical Barrier Float System

The diagram illustrates one suggestion for a barrier float system using Rolyan® floats, buoys, and hardware.

- a. B1830B floats
- b. Permaflex® cable
- c. Cable clamps selected for cable size

Selecting Equipment

Use B1830B floats having a 1" galvanized pipe thru. The B1830B is a rugged, highly visible float designed specifically for the demands of barrier float lines. It is normally used at 25 ft. spacing, held in position with cable clamps.

Use B1428FW fast water buoys with warning symbols and lettering (see page 4). Normal spacing is 75 to 100 ft.

Barrier System Moorings

Moorings should be designed to resist a pull greater than the breaking strength of the cable used.

Other Factors to Consider

1. Wind loads against floats.
2. Debris loads due to collecting on cable and against floats, especially during flood periods.
3. Current loads against the floats as they become submerged due to debris collection.

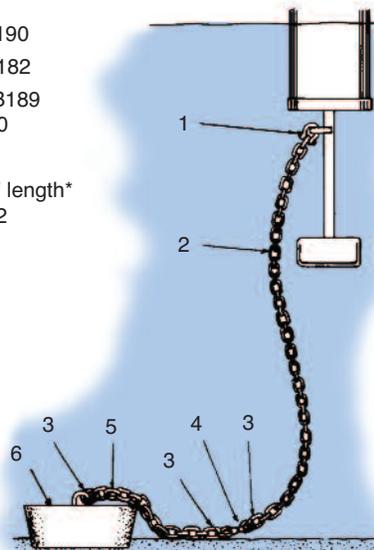
Suggested Safety Factors in Cable Selection

- 1.5 to 3 times the predicted strength requirements, recommended only for light-duty applications where debris does not present a problem.
- 3 to 6 for more critical situations.

Mooring Suggestions For Can and Nun Buoys

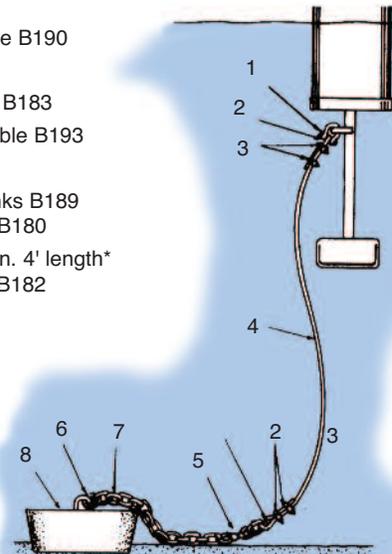
Chain Mooring

1. Anchor shackle B190
2. Proof coil chain B182
3. Connecting links B189 or quick links B180
4. Swivel B192
5. Drag chain min. 4' length* 1/2" or larger B182
6. Anchor



Cable Mooring

1. Anchor shackle B190
2. Thimble B231
3. Cable clamps B183
4. Permaflex® cable B193
5. Swivel B192
6. Connecting links B189 or quick links B180
7. Drag chain min. 4' length* 1/2" or larger B182
8. Anchor



For chain, cable and hardware, see page 17.

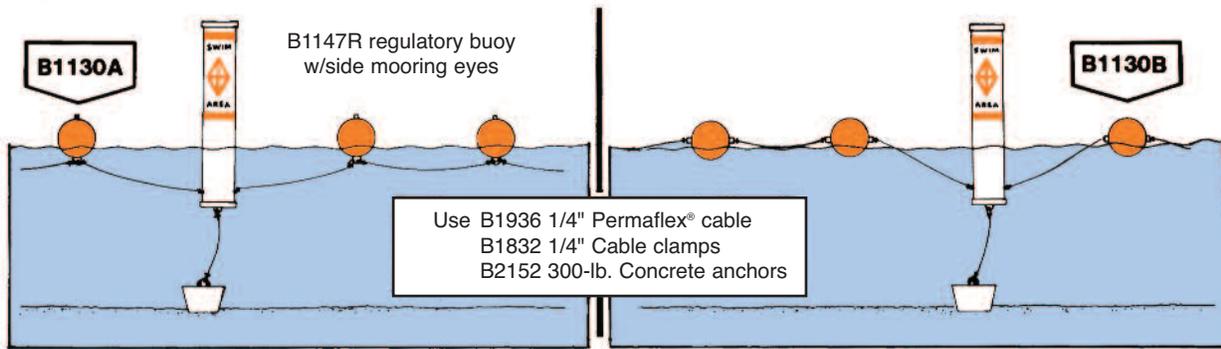
*Note: Length and size of drag chain are dependent on wave action.

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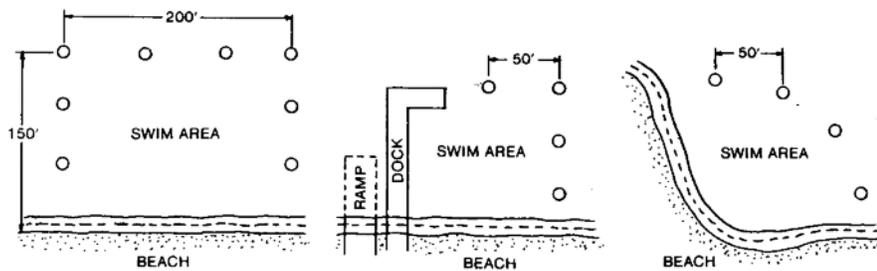
Suggestions For Using B1130 Floats with B1147R Buoys in Swim Areas

Also see chain, cable, hardware and anchor information, page 17.

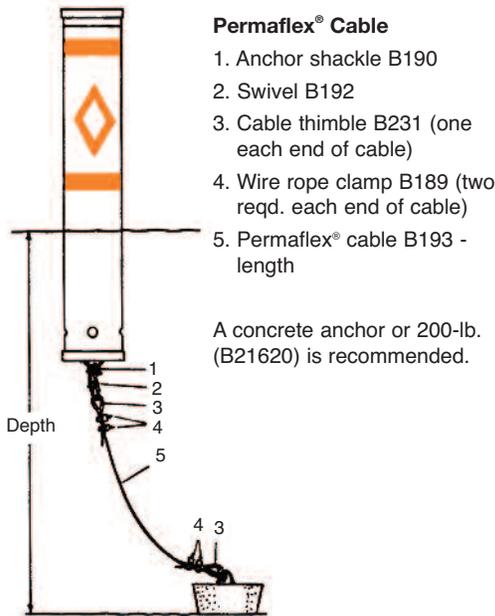
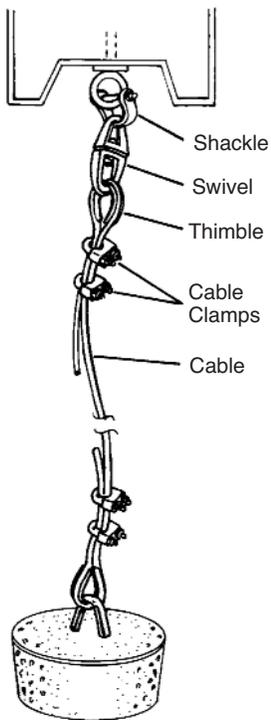


Note: The design and selection of a mooring system should be determined by a qualified professional engineer who is familiar with the specific application and local conditions. The illustrations shown are provided for informational purposes and are not intended to be suggested designs. The company assumes no responsibility for any mooring system based upon these illustrations.

Layout Suggestions For Using B1147R Buoys In Swim Areas



Installation Suggestions for B1147R or B961R Buoys With Anchors

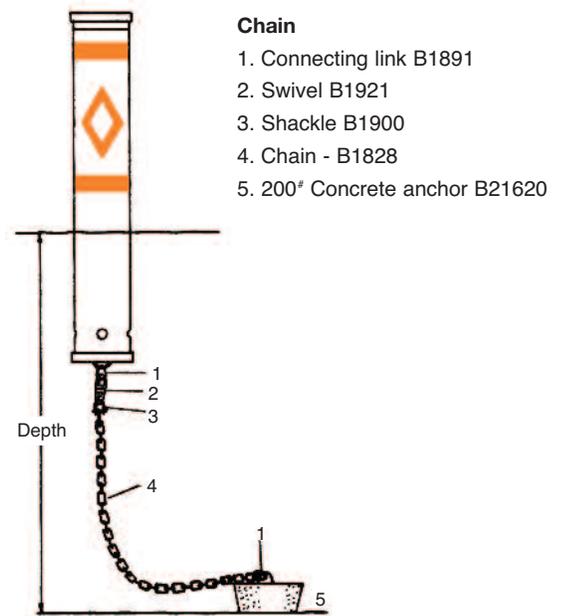


Permaflex® Cable

1. Anchor shackle B190
2. Swivel B192
3. Cable thimble B231 (one each end of cable)
4. Wire rope clamp B189 (two reqd. each end of cable)
5. Permaflex® cable B193 - length

A concrete anchor or 200-lb. (B21620) is recommended.

Permaflex® Cable		
SIZE (IN.)	PART NO.	Max. Length 1147 Type Buoys will Support
3/16"	B1934	100'
1/4"	B1936	75'
5/16"	B1931	45'
15/32"	B1933	18'



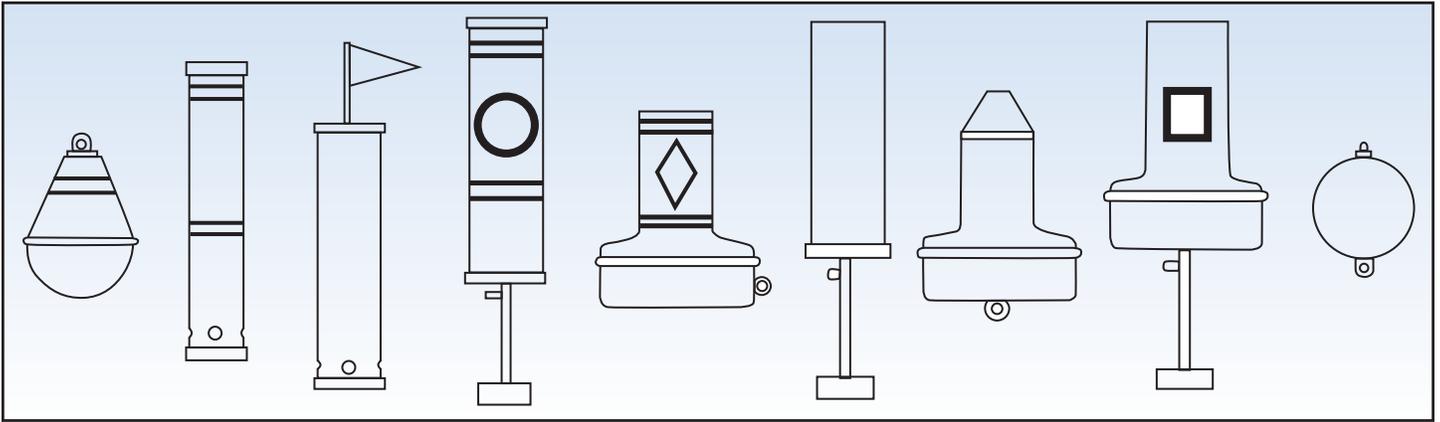
Chain

1. Connecting link B1891
2. Swivel B1921
3. Shackle B1900
4. Chain - B1828
5. 200° Concrete anchor B21620

Proof Coil Chain		
SIZE (IN.)	PART NO.	Max. Length 1147 Type Buoys will Support
1/4"	B1828	12'

For cable, chain and hardware, see page 17.





Rolyan has a buoy or float for every need

All Rolyan buoy colors and marking meet and conform with all State and Federal regulations. They are used by U.S. Army Corps of Engineers, U.S. Coast Guard, State Parks, Sheriffs Department, Yacht Clubs, Marinas and Resorts.

This catalog contains many suggestions for the application and use of Rolyan® products as an aid in satisfying your needs. If you required additional help, our sales/engineering staff is available to offer professional advice. You may send your requirements or call toll-free for personal attention.

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