Since 1969, we’ve been designing and manufacturing dependable buoys and floats that meet or exceed regulations—and expectations.

Built into every one of our hand-inspected, locally produced products is a superior level of confidence.

And, just as you can depend on our products to deliver in any situation or condition, you can depend on our company in the very same way.

Statement of Limited Warranty
Limited Warranty. Rolyan® Buoys warrants that all goods shall be free from manufacturing defects for a period of one year from the date of shipment. OTHER THAN THE FOREGOING WARRANTY, ROLYAN® BUOYS MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER MATTER RELATING TO THE GOODS. Upon a determination by Rolyan® Buoys that a product is defective, Rolyan® Buoys’ sole and exclusive obligation shall be to provide Buyer with a replacement product or a full refund of the purchase price, at the sole discretion of Rolyan® Buoys, and to reimburse Buyer for any return freight costs. In no event shall Rolyan® Buoys be liable for any other costs or expenses including but not limited to lost profits or direct, indirect, consequential, incidental or punitive damages.
We want to keep your waterways safe, so that everyone can enjoy them as much as we do.

Contents
Model B961R 9” Diameter HDPE Buoy ............................................................ 2
Model B1147R 9” Diameter ABS Buoy ............................................................ 3
Model B1147WR 9” Diameter ABS Buoy With Vinyl Wrapper ....................... 4
Spar Buoy 5” • Hanging Can Buoy ................................................................. 5
Can Buoys ........................................................................................................ 5, 6 & 7
Channel Markers ABS and HDPE Types 9” & 5” Diameter .......................... 8
Red Channel Markers .................................................................................... 9 & 10
Green Channel Markers ............................................................................... 11 & 12
9” Marker Buoy: Do Not Pass Between Buoy and Shore ......................... 12
Safe Water Markers • Race Course Markers • Tidal Buoys ......................... 13
Solar Lights .................................................................................................... 14
Barrier Floats ................................................................................................... 15 & 16
Rope Floats ..................................................................................................... 16
Pontoon Float • Floating Sign ....................................................................... 17
Mooring Buoys ............................................................................................... 18 & 19
Ice Spar ........................................................................................................... 19
Chain • Cable • Hardware • Anchors .............................................................. 20
Restoration Materials .................................................................................... 21
Warning Signs, Educational Buoys, Standard Symbols ............................... 22
Mooring Suggestions, Can & Nun Buoys, Barrier Floats ............................... 23
Mooring Suggestions, Swim Areas and B1147WR & B961R ....................... 24
Mooring Suggestions and Barrier Float System ......................................... 25

Index
Anchors ........................................................................................................... 20
Barrier Floats .................................................................................................. 15, 16, 23, 25
Cable, Mooring ............................................................................................... 20
Can Buoys ....................................................................................................... 5, 6 & 7
Chain, Mooring ............................................................................................... 20
Channel Marker, Green ................................................................................. 11, 12 & 13
Channel Marker, Red ..................................................................................... 8, 9, 10 & 13
Dam Barriers ................................................................................................ 15, 16, 17, 23, 24
Educational Buoys ......................................................................................... 22
Hanging Can Buoy ........................................................................................ 5
Hardware ......................................................................................................... 20
Installation Suggestions ................................................................................ 23, 24, 25
Lights, Solar ................................................................................................... 14
Mooring Buoys ............................................................................................... 18 & 19
Nun Buoys ..................................................................................................... 9, 10 & 13
Pontoon Floats ............................................................................................... 17
Race Course Markers ..................................................................................... 13
Regulatory Buoys .......................................................................................... 2, 3 & 4
Restoration Materials ................................................................................... 21
Rope Floats ..................................................................................................... 16
Safe Water Marker ......................................................................................... 13
Swim Area Buoys .......................................................................................... 2, 3, 4, 15, 16
Signs ............................................................................................................... 22
Sign, Floating ................................................................................................. 17
Tidal Buoys ..................................................................................................... 13
Regulatory Buoys • Ultra Heavy Duty • 9” Diameter
Super-tough regulatory buoy | Designed for problem areas where buoys are subject to abuse and vandalism

**FEATURES**
- 9” diameter 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
- Replacement wrappers available, see page 21

**AVAILABLE OPTIONS**
- Pickup eye built into top
- Stainless steel anchoring eye for salt water applications
- Agency or name identification
- Special non-standard messages
- Solar lights, see page 14
- Cone cap top
- Side mooring eyes for swim areas or float lines

Communication that’s crisper, more vibrant, and safer for the environment

**BENEFITS OF OUR NEW WRAPPERS**
- Produced with inks safer for our environment* and our manufacturing employees
- Outperformed other media types in ASTM D5894 test methods for weathering and corrosion
- Symbols and text stay vibrant after exposure to sun and weather elements
- Wrappers are designed digitally, producing consistent graphics every time; no need to apply messages word by word

*Printing technology has earned UL Ecologo and UL Greenguard certifications
Regulatory Buoys • ABS Type • 9” Diameter
Approved and universally used by local, state and federal agencies to ensure water safety | Ideal for private applications

Specify desired symbols and messages when ordering, see page 22
Submerged buoyancy .........................84 lbs.
Net weight .........................................49 lbs.
Shipping weight ...............................56 lbs.
Refer to installation suggestions on page 24
See warranty information on inside front cover

MODEL B1147R

FEATURES
• 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
• Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials, see page 21

AVAILABLE OPTIONS
• Pickup eye built into top
• Stainless steel anchoring eye for salt water applications
• Agency or name identification
• Special non-standard messages
• Solar lights, see page 14
• Cone cap top
• Side mooring eyes for swim areas or float lines
• Available in yellow
Regulatory Buoys • ABS Type • 9" Diameter
With Vinyl Wrapper

Approved and universally used by local, state and federal agencies to ensure water safety | Special non-standard messages with little impact to lead time

FEATURES
- White vinyl wrapper with digital graphics
- 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 for excellent nighttime visibility
- Self-righting without tackle
- Recessed cap allows buoy to stand upright
- Heavy galvanized steel anchoring eye cast in internal concrete ballast
- Includes choice of standard symbols and messages
- Replacement wrappers available, see page 21

AVAILABLE OPTIONS
- Pickup eye built into top
- Stainless steel anchoring eye for salt water applications
- Agency or name identification
- Special non-standard messages
- Solar lights, see page 14
- Cone cap top
- Side mooring eye for swim areas or float lines

Specify symbols and messages when ordering, see page 22

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

Refer to installation suggestions on page 24
See warranty information on inside front cover

MODEL B1147WR
Spar Buoys • ABS Type • 5" Diameter
Lightweight, easy to handle—minimum anchor weight allows easy removal

**FEATURES**
- 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
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials, see page 21

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

Specify desired symbols and messages when ordering, see page 22

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

---

**MODEL B576S**

---

**Hanging Can Buoy • ABS Type • 12" Diameter**

**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 20

Net weight ........................................12 lbs.
Shipping weight ..............................18 lbs.
Can Buoys • General Purpose

### Features
- ABS exterior, completely urethane foam filled and ultraviolet inhibited
- Self-righting without tackle
- Standard bands, symbols and messages included, see page 22 for information
- Ballast attached by a galvanized steel pipe
- 3" silver reflective band at top
- Concrete ballast encased in ABS
- Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials, see page 21

### Available Options
- Solar lights, see page 14
- Pickup eye built into top (except B1428FW)
- Non-standard messages
- Agency and name identification
- Yellow cans, centerline black and white or red and white
- All cans available as green channel markers, see page 11
- Red channel markers with nun tops, see page 9

### Float Collar Cans • ABS Type

**For heavy-duty applications**

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

### B1428SW & B1428FW
- Stainless steel hardware available

<table>
<thead>
<tr>
<th>Model</th>
<th>B1428SW</th>
<th>B1428FW</th>
<th>B1428UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Dia. &amp; Ht. In.</td>
<td>14x30</td>
<td>14x30</td>
<td>14x30</td>
</tr>
<tr>
<td>Float Collar Dia. &amp; Ht. In.</td>
<td>28x12</td>
<td>28x12</td>
<td>28x12</td>
</tr>
<tr>
<td>Overall Ht. In.</td>
<td>49</td>
<td>49</td>
<td>89</td>
</tr>
<tr>
<td>Mooring Tackle Allowable for 36° Exposure Lbs.</td>
<td>29</td>
<td>40</td>
<td>29</td>
</tr>
<tr>
<td>Draft In.</td>
<td>under 9</td>
<td>under 6</td>
<td>51</td>
</tr>
<tr>
<td>Submerged Buoyancy Lbs.</td>
<td>320</td>
<td>340</td>
<td>350</td>
</tr>
<tr>
<td>Net Wt. Lbs.</td>
<td>105</td>
<td>93</td>
<td>120</td>
</tr>
<tr>
<td>Shipping Wt. Lbs.</td>
<td>135</td>
<td>135</td>
<td>145</td>
</tr>
</tbody>
</table>

**B1428SW:** Internal ballast – bottom attachment  
**B1428FW:** Internal ballast – side attachment  
**B1428UL:** Heavy duty – external ballast
Can Buoys • General Purpose
FLOAT COLLAR • ABS TYPE

**FEATURES**
- Heavy-duty applications
- Orange reflective band at top
  2” for Model B6CPRM
  3” for Model B5CPRM
- Galvanized hardware

**SUPER-TOUGH CAN BUOYS**

<table>
<thead>
<tr>
<th>Model</th>
<th>B6CPRM 1/2 Mile Buoy</th>
<th>B5CPRM 1 Mile Buoy</th>
<th>B5CPRFW B5CPRSW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Dia. &amp; Ht.</td>
<td>In.</td>
<td>12x21</td>
<td>19x33</td>
</tr>
<tr>
<td>Collar Dia. &amp; Ht.</td>
<td>In.</td>
<td>28x12</td>
<td>38x13</td>
</tr>
<tr>
<td>Overall Ht.</td>
<td>In.</td>
<td>56.3</td>
<td>84.5</td>
</tr>
<tr>
<td>Buoyancy/In. Submerged</td>
<td>Lbs.</td>
<td>22.2</td>
<td>41</td>
</tr>
<tr>
<td>Draft</td>
<td>In.</td>
<td>24</td>
<td>39</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>Lbs.</td>
<td>287</td>
<td>815</td>
</tr>
<tr>
<td>Net Wt.</td>
<td>Lbs.</td>
<td>83</td>
<td>124</td>
</tr>
<tr>
<td>Shipping Wt.</td>
<td>Lbs.</td>
<td>90</td>
<td>140</td>
</tr>
</tbody>
</table>

**Available Options**
- Solar lights, see page 14

---

**B5CPRM**
**B6CPRM**
Excellent stability in wind and current

**B5CPRSW**
Ideal for shallow, deep or still waters

**B5CPRFW**
Ideal for barrier systems

---

**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” diameter galvanized steel plate at top (can)

**AVAILABLE OPTIONS**
- Solar lights, see page 14
# Channel Markers

For marking borders and centerlines of channels

## 9” Diameter • ABS Type

**Nun and Can Types**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Submerged Buoyancy</th>
<th>Net Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model B1148R</td>
<td>Red with 3” red reflective band</td>
<td>84 lbs.</td>
<td>49 lbs.</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Model B1148G</td>
<td>Green with 3” green reflective band</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model-B1149R</td>
<td>Red &amp; White Stripe</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model-B1149B</td>
<td>Black &amp; White Stripe</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Features**

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

**Available Options**

- Stainless steel mooring eyes
- Agency or name identification
- White numerical markings
- Solar lights, see page 14

## 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 14

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Submerged Buoyancy</th>
<th>Net Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model B961RC</td>
<td>Red Nun</td>
<td>84 lbs.</td>
<td>49 lbs.</td>
<td>56 lbs.</td>
</tr>
<tr>
<td>Model B961GC</td>
<td>Green Can</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model B961CB</td>
<td>Centerline Black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model B961CR</td>
<td>Centerline Red</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Same HDPE construction as 9” Ultra Heavy Duty Regulatory Buoys, Model 961R, see page 2
- 60” high with 3” reflective band at top

## 5” Diameter Channel Markers • ABS Type

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Submerged Buoyancy</th>
<th>Net Weight</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model B576SR</td>
<td>Red</td>
<td>30 lbs.</td>
<td>24 lbs.</td>
<td>28 lbs.</td>
</tr>
<tr>
<td>Model B576SG</td>
<td>Green</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model B576SC</td>
<td>Centerline (Red and White)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Model B576SCB</td>
<td>Centerline (Black and White)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Same ABS construction and features as 5” Spar Buoys, Model B576S, see page 5
- 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 • ABS TYPE
Concrete ballast encased in ABS and attached to buoy by a galvanized steel pipe

FEATURES
• Solid red with 3" reflective band
• ABS exterior, completely urethane foam filled
• Self-righting & excellent stability without mooring
• Galvanized hardware
• Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials, see page 21

AVAILABLE OPTIONS: ALL NUNS
• Pickup eye built into top
• Agency and name identification
• White numerical markings
• Solar lights, see page 14

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

FLOAT COLLAR NUNS • ABS TYPE

<table>
<thead>
<tr>
<th>Model</th>
<th>B1428NSW</th>
<th>B1428ULN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nun Base Dia.</td>
<td>In. 14</td>
<td>14</td>
</tr>
<tr>
<td>Float Collar Dia. &amp; Ht.</td>
<td>In. 28x12</td>
<td>28x12</td>
</tr>
<tr>
<td>Overall Ht.</td>
<td>In. 49</td>
<td>89</td>
</tr>
<tr>
<td>Mooring Tackle Allowable for 36&quot; Exposure</td>
<td>Lbs. 36</td>
<td>29</td>
</tr>
<tr>
<td>Draft</td>
<td>In. Under 9</td>
<td>51</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>Lbs. 295</td>
<td>325</td>
</tr>
<tr>
<td>Net Wt.</td>
<td>Lbs. 92</td>
<td>120</td>
</tr>
<tr>
<td>Shipping Wt.</td>
<td>Lbs. 135</td>
<td>145</td>
</tr>
</tbody>
</table>

**B1428NSW:** Internal ballast – bottom attachment, optional SS hardware

**B1428ULN:** Heavy duty external ballast – concrete encased in ABS
Excellent stability in wind and current
FLOAT COLLAR NUNS

For general mooring suggestions, see page 23
For hardware, see page 20

### FEATURES
- Super-tough red LLDPE shell
- Ultraviolet inhibited
- Completely urethane foam filled
- Virtually unsinkable
- Self-righting without tackle
- 1½" Sch 40 galvanized pipe through buoy
- 3¾" diameter galvanized washer at top

### AVAILABLE OPTIONS
- Solar lights, see page 14
- Pick-up eye

### RED NUN X-TRA HEAVY DUTY

#### B2413ULN FLOAT COLLAR

<table>
<thead>
<tr>
<th>Model</th>
<th>B6NPRM 1/2 Mile Buoy</th>
<th>B5NPRM 1 Mile Buoy</th>
<th>B5NPRFW B5NPRSW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nun Base Dia.</td>
<td>In.</td>
<td>14</td>
<td>22</td>
</tr>
<tr>
<td>Float Collar Dia. &amp; Ht.</td>
<td>In.</td>
<td>28x12</td>
<td>38x13</td>
</tr>
<tr>
<td>Overall Ht.</td>
<td>In.</td>
<td>58</td>
<td>86</td>
</tr>
<tr>
<td>Buoyancy/In. Submerged</td>
<td>Lbs.</td>
<td>22.2</td>
<td>41</td>
</tr>
<tr>
<td>Draft</td>
<td>In.</td>
<td>24</td>
<td>39</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>Lbs.</td>
<td>295</td>
<td>765</td>
</tr>
<tr>
<td>Net Wt.</td>
<td>Lbs.</td>
<td>80</td>
<td>117</td>
</tr>
<tr>
<td>Shipping Wt.</td>
<td>Lbs.</td>
<td>90</td>
<td>130</td>
</tr>
</tbody>
</table>

**B5NPRFW:** Internal ballast – side attachment

**B5NPRSW:** Internal ballast – bottom attachment

**RED NUN X-TRA HEAVY DUTY**

**B2413ULN FLOAT COLLAR**

<table>
<thead>
<tr>
<th>Model</th>
<th>B2413ULN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Dia. &amp; Ht.</td>
<td>13 x 30</td>
</tr>
<tr>
<td>Collar Dia. &amp; Ht.</td>
<td>24 x 10</td>
</tr>
<tr>
<td>Overall Ht.</td>
<td>75</td>
</tr>
<tr>
<td>Exposure w/o Tackle</td>
<td>36</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>240</td>
</tr>
<tr>
<td>Net Wt.</td>
<td>116</td>
</tr>
<tr>
<td>Shipping Wt.</td>
<td>—</td>
</tr>
</tbody>
</table>
Large Green Channel Markers

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

STANDARD CANS • ABS TYPE

All green channel markers have a 3” green reflective band at the top.

FEATURES

• Galvanized hardware
• Solid green with 3” reflective band
• ABS exterior, completely urethane foam filled
• Self-righting and excellent stability without mooring
• Easy reconditioning of weather-worn buoys with excellent adhesion of restoration materials, see page 21

AVAILABLE OPTIONS

All cans

• Pickup eye built into top
• Agency and name identification
• White numerical markings
• Solar lights, see page 14

<table>
<thead>
<tr>
<th>Model</th>
<th>B1251G</th>
<th>B1352G</th>
<th>B1452G</th>
<th>B2445G</th>
<th>B2460ULG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can Dia. &amp; Ht.</td>
<td>In.</td>
<td>12x51</td>
<td>13x52</td>
<td>14x52</td>
<td>24x45</td>
</tr>
<tr>
<td>Overall Ht.</td>
<td>In.</td>
<td>73.5</td>
<td>76</td>
<td>86</td>
<td>97</td>
</tr>
<tr>
<td>Exposure w/o Tackle</td>
<td>In.</td>
<td>38</td>
<td>40</td>
<td>40</td>
<td>38</td>
</tr>
<tr>
<td>Mooring Tackle Allowable for 36” Exposure</td>
<td>Lbs.</td>
<td>7</td>
<td>18</td>
<td>22</td>
<td>18</td>
</tr>
<tr>
<td>Draft</td>
<td>In.</td>
<td>36</td>
<td>35</td>
<td>44</td>
<td>57</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>Lbs.</td>
<td>155</td>
<td>190</td>
<td>220</td>
<td>624</td>
</tr>
<tr>
<td>Net Wt.</td>
<td>Lbs.</td>
<td>71</td>
<td>79</td>
<td>90</td>
<td>138</td>
</tr>
<tr>
<td>Shipping Wt.</td>
<td>Lbs.</td>
<td>80</td>
<td>86</td>
<td>96</td>
<td>148</td>
</tr>
</tbody>
</table>

For mooring suggestions, see page 23 | For hardware, see page 20

B1428SWG

Internal ballast / bottom mooring eye

B1428FWG

Internal ballast / side mooring eye

B1428ULG

Excellent stability in wind and current

Model B1428SWGSS same as B1428SWG except buoy has stainless steel hardware
Large Green Channel Markers

COAST GUARD TYPE  B6CPRMG
With external ballast

For heavy-duty applications
Concrete ballast encased in ABS

FEATUERS
• 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 through buoy

AVAILABLE OPTIONS
• Solar lights, see page 14
• Pickup eye

AVAILABLE OPTIONS
B5CPRSWG: Internal ballast – bottom attachment
B5CPRFWG: Internal ballast – side attachment
B6CPRMG: External Ballast
B5CPRMG: External Ballast

X-TRA HEAVY DUTY  B2413ULG

FEATUERS
• 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 through buoy

AVAILABLE OPTIONS
• Solar lights, see page 14
• Pickup eye

9” MARKER BUOY
Do not pass between buoy & shore

FEATURES
• ABS plastic exterior
• Ultraviolet inhibited, will not rust, chip or peel
• Completely urethane foam filled
• Easy reconditioning of weather-worn buoys, with excellent adhesion of restoration materials, see page 21

AVAILABLE OPTIONS
• Stainless steel mooring eyes
• Agency or name identification
• White numerical markings
• Solar lights, see page 14

Model B961RSM: HDPE–Shore Marker Buoy Super Tough

B1149SM SHORE MARKER
With black & white vertical stripes

FEATURES
• ABS plastic exterior
• Ultraviolet inhibited, will not rust, chip or peel
• Completely urethane foam filled
• Easy reconditioning of weather-worn buoys, with excellent adhesion of restoration materials, see page 21

AVAILABLE OPTIONS
• Stainless steel mooring eyes
• Agency or name identification
• White numerical markings
• Solar lights, see page 14

Model B961RSM: HDPE–Shore Marker Buoy Super Tough
Markers

SAFE WATER MARKERS

**FEATURES**
- 9" diameter 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.

RACE COURSE MARKERS

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

TIDAL BUOY CHANNEL MARKERS

**FEATURES**
- Easily installed on length of standard Sch 40 galvanized 1" diameter steel pipe
- Moves up and down with tide
- Seamless ABS plastic exterior
- Completely urethane foam filled
- Durable—unsinkable
- 1½" ID PVC pipe through center

**Features**
- 3" green reflective band
- 3" red reflective band

TIDAL BUOY REGULATORY MARKER

**FEATURES**
- 9" diameter x 48"
- Orange reflective symbols two sides
- 3" orange reflective band top & bottom
- Black letters two sides
- 1½" Sch 80 PVC pipe through
- Urethane foam filled

---

**Model** | **B115290** | **B11529W** | **B1166O** | **B1166W**
--- | --- | --- | --- | ---
Sight Range | 1/2-1 mile | 1-2 miles | 14" | 14"
Diameter | 9" | 9" | 9" | 9"
Net Weight | 49 lbs. | 90 lbs. | 56 lbs. | 96 lbs.
Shipping Wt. | | | | 

**Note:** "W" specifies white "O" orange

---

To order call toll-free in the U.S. 888.269.2869 | +1.262.387.8728 | RolyanBuoys.com
Solar Lights
Provide safe boater navigation at night | Lights change in the sunlight and automatically switch on at dusk

**STANDARD FEATURES**
- Light source: LEDs
- Colors: amber, clear, green & red
- Estimated battery life: 3-5 years
- Standard flash rates: 15, 30, 60 FPM (flashes per minute)
- Easy installation: just bolt down
- Sun switch detects daylight & turns off
- Low/no maintenance

**B381 ONE MILE**

**FEATURES**
- Stainless steel/polycarbonate construction
- Factory programmable
- Batteries can be replaced

<table>
<thead>
<tr>
<th>ONE MILE PART NO.</th>
<th>TWO MILE PART NO.</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>B381A</td>
<td>B382A</td>
<td>Amber</td>
</tr>
<tr>
<td>B381C</td>
<td>B382C</td>
<td>Clear</td>
</tr>
<tr>
<td>B381G</td>
<td>B382G</td>
<td>Green</td>
</tr>
<tr>
<td>B381R</td>
<td>B382R</td>
<td>Red</td>
</tr>
</tbody>
</table>

**B382 TWO MILE**

**FEATURES**
- Stainless steel/polycarbonate construction
- Factory programmable
- Batteries can be replaced

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>B345A</td>
<td>Amber</td>
</tr>
<tr>
<td>B345C</td>
<td>Clear</td>
</tr>
<tr>
<td>B345G</td>
<td>Green</td>
</tr>
<tr>
<td>B345R</td>
<td>Red</td>
</tr>
</tbody>
</table>

**B345 SERIES**

**FEATURES**
- High performance
- Rugged construction and reliability
- Factory programmable
- Batteries can be replaced

**ACCESSORIES**

- B345SLA — Adapter for B345 Series
- B341SLA — Adapter for B381 Series
- B340SLA — Adapter for B382 Series
- B21911 — 1" TP Screws
- B21912 — 1½" TP Screws
- B1762WN — Rubber Insert
- B197293SS — SS Washer
- B21910S — TP Screwdriver
- B381BATP — B381 Battery Pack
- B382BAT — B382 Battery Pack
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 ID pipe through center

TYPE A: Steel rod through float
Swivel eye nuts both ends

TYPE B: Steel or plastic pipe through float

Note: "W" specifies white "O" orange

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Barrier Float Styles</th>
<th>Diameter and Length</th>
<th>Type</th>
<th>Description—Standard colors are international orange and white, plain solid color (specify when ordering)</th>
<th>Submerged Buoyancy</th>
<th>Net Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1130AW</td>
<td></td>
<td>12&quot; x 13&quot;</td>
<td>A</td>
<td>• 7/16&quot; dia. galvanized steel rod with 3&quot; dia. attachment hoop one side only</td>
<td>33 lbs</td>
<td>4 lbs</td>
</tr>
<tr>
<td>B1130AO</td>
<td></td>
<td></td>
<td>B</td>
<td>• 1/2&quot; Sch 40 PVC pipe through float</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1130BW</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1130BO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B618AO</td>
<td></td>
<td>6&quot; x 18&quot;</td>
<td>A</td>
<td>• 1/2&quot; Sch 40 PVC pipe through</td>
<td></td>
<td>3 lbs</td>
</tr>
<tr>
<td>B1318AW</td>
<td></td>
<td>13&quot; Dia.</td>
<td>A</td>
<td>• 1/2&quot; dia. steel rod through float</td>
<td>55 lbs</td>
<td>10 lbs</td>
</tr>
<tr>
<td>B1318AO</td>
<td></td>
<td></td>
<td>B</td>
<td>• Galvanized eye nut swivels on both ends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1318BW</td>
<td></td>
<td>18&quot; Length</td>
<td></td>
<td>• 1/2&quot; Sch 40 PVC pipe through float</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1318BO</td>
<td></td>
<td></td>
<td></td>
<td>• Anchored to prevent movement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange Only</td>
<td></td>
<td>14&quot; Sphere</td>
<td>A</td>
<td>• 7/16&quot; dia. galvanized steel rod with 3&quot; dia. attachment hoop one side only</td>
<td>50 lbs</td>
<td>6 lbs</td>
</tr>
<tr>
<td>B1400AO</td>
<td></td>
<td></td>
<td>B</td>
<td>• 1/2&quot; Sch 40 PVC pipe through float</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange Only</td>
<td></td>
<td>16&quot; Sphere</td>
<td>A</td>
<td>• 1/2&quot; dia. steel rod through float</td>
<td>70 lbs</td>
<td>8 lbs</td>
</tr>
<tr>
<td>B1600AO</td>
<td></td>
<td></td>
<td>B</td>
<td>• Galvanized eye nut swivels on both ends</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange Only</td>
<td></td>
<td>18&quot; Sphere</td>
<td>A</td>
<td>• 1/2&quot; dia. steel rod through float</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1800AO</td>
<td></td>
<td></td>
<td>B</td>
<td>• Galvanized eye nut swivels on both ends</td>
<td>—</td>
<td>14 lbs</td>
</tr>
<tr>
<td>B1800BW</td>
<td></td>
<td></td>
<td></td>
<td>• 1/2&quot; Sch 40 PVC pipe through float</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1800BO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Barrier Floats • Durable Polyethylene

Note: "W" specifies white "O" orange

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

### Rope Floats

**FEATURES**

- Self lock
- Ideal for swim area

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lock-on Float Styles</th>
<th>Diameter and Length</th>
<th>Description</th>
<th>Net Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B035LO</td>
<td></td>
<td>3&quot; x 5&quot;</td>
<td>• 1/2&quot; dia. hole, orange/white/orange polyethylene shell</td>
<td>.12 lbs.</td>
</tr>
<tr>
<td>B059LO</td>
<td></td>
<td>5&quot; x 9&quot;</td>
<td>• Ultraviolet inhibited</td>
<td>.42 lbs.</td>
</tr>
<tr>
<td>B139R3</td>
<td></td>
<td>1/2&quot; x 300</td>
<td>• Lock on rope without fastener</td>
<td>15 lbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1/2&quot; x 600</td>
<td>• Orange/white/orange</td>
<td>30 lbs.</td>
</tr>
<tr>
<td>B139R6</td>
<td>Rope</td>
<td></td>
<td>• 1/2&quot; orange and white twisted polypropylene rope, 300' reel or 600' reel</td>
<td></td>
</tr>
</tbody>
</table>
**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 lights, see page 14
- 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 (2 sides)
- 1" Sch 40 pipe mounting structure folds down for easy storage and shipping
- Weight: 200 lbs

**AVAILABLE OPTIONS**
- One- or two-mile solar lights, see page 14
- 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

### FEATURES

**SUGGESTIONS**

<table>
<thead>
<tr>
<th>B1140 LIGHT DUTY</th>
<th>Supports 15 lbs. tackle 1/2 submerged</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Pennant attached to boat</td>
</tr>
<tr>
<td></td>
<td>2. Large attachment hoop for</td>
</tr>
<tr>
<td></td>
<td>pennant while boat is away</td>
</tr>
<tr>
<td></td>
<td>from mooring</td>
</tr>
<tr>
<td></td>
<td>3. Swivel attachment eye</td>
</tr>
<tr>
<td></td>
<td>4. Proof coil chain (see listing at</td>
</tr>
<tr>
<td></td>
<td>right)</td>
</tr>
<tr>
<td></td>
<td>5. Heavy-duty swivel</td>
</tr>
<tr>
<td></td>
<td>6. Heavy-duty drag chain</td>
</tr>
<tr>
<td></td>
<td>1/2&quot; or more</td>
</tr>
<tr>
<td></td>
<td>7. Anchor</td>
</tr>
</tbody>
</table>

**CHAIN**

- 1/4" proof coil up to 20'
- Larger chain not recommended

**B1145 MEDIUM DUTY**

<table>
<thead>
<tr>
<th>Supports 24 lbs. tackle 1/3 submerged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Pennant attached to boat</td>
</tr>
<tr>
<td>2. Large attachment hoop for</td>
</tr>
<tr>
<td>pennant while boat is away</td>
</tr>
<tr>
<td>from mooring</td>
</tr>
<tr>
<td>3. Swivel attachment eye</td>
</tr>
<tr>
<td>4. Pennant attached to proof</td>
</tr>
<tr>
<td>coil chain (see listing at right)</td>
</tr>
<tr>
<td>5. Heavy-duty swivel</td>
</tr>
<tr>
<td>6. Heavy-duty drag chain</td>
</tr>
<tr>
<td>1/2&quot; or more</td>
</tr>
<tr>
<td>7. Anchor</td>
</tr>
</tbody>
</table>

**CHAIN**

- 1/4" proof coil up to 30'
- 3/8" up to 14'
- 1/2" up to only 8'

**B1146MB HEAVY DUTY**

<table>
<thead>
<tr>
<th>Supports 100 lbs. tackle 1/3 submerged</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Anchor shackle, ring or clevis</td>
</tr>
<tr>
<td>attached to chain for boat pennant</td>
</tr>
<tr>
<td>2. 2&quot; dia. steel pipe through</td>
</tr>
<tr>
<td>buoy allowing a 1/2&quot; chain to</td>
</tr>
<tr>
<td>run straight through for direct</td>
</tr>
<tr>
<td>pennant attachment to chain</td>
</tr>
<tr>
<td>3. 1/2&quot; bolt through chain and steel</td>
</tr>
<tr>
<td>pipe</td>
</tr>
<tr>
<td>4. Proof coil chain (see listing at</td>
</tr>
<tr>
<td>right)</td>
</tr>
<tr>
<td>5. Heavy-duty swivel</td>
</tr>
<tr>
<td>6. Heavy-duty drag chain</td>
</tr>
<tr>
<td>5/8&quot; or more</td>
</tr>
<tr>
<td>7. Anchor</td>
</tr>
</tbody>
</table>

**CHAIN**

- Smaller than 3/8" not recommended
- 3/8" up to 60'
- 1/2" up to 30'

---

**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.**

**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 on this page are provided for general informational purposes only, and are not intended to be suggested designs. The company assumes no responsibility for any mooring system based upon these illustrations.
Mooring Buoy • HDPE Type
Polyethylene mooring buoy—X-tra heavy duty

MODEL B2400MB

FEATURES
• 2” Sch 40 galvanized pipe through
• 2” Blue reflective band
• White polyethylene shell
• 24” diameter
• Completely urethane foam filled

Submerged Buoyancy ...240 lbs.
Net Weight....................32 lbs.

MODEL B1146SE

FEATURES
• White polyethylene shell
• 3/4” diameter HDG eyebolt through
• 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 B1830MB

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 B1800MB

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.

Rolyan® Ice Spar
Durable spar-type float ideal for winter use

FEATURES
• White HDPE shell
• Ultraviolet inhibited
• Completely urethane foam filled
• 7/16” diameter eye (3” ID)
• 2” Orange reflective bands (3 ea.)
• Tapered design resists freeze-in

Submerged Buoyancy ...240 lbs.
Net Weight....................32 lbs.

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>B1936</td>
<td>3/16&quot;</td>
<td>7 x 7</td>
<td>.065</td>
<td>3700</td>
<td>500'</td>
<td>37</td>
</tr>
<tr>
<td>5/32&quot;</td>
<td>B1931</td>
<td>1/8&quot;</td>
<td>7 x 7</td>
<td>.12</td>
<td>6100</td>
<td>500'</td>
<td>60</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>B1933</td>
<td>5/32&quot;</td>
<td>7 x 19</td>
<td>.28</td>
<td>14400</td>
<td>500'</td>
<td>180</td>
</tr>
</tbody>
</table>

Permaflex Cable: Galvanized steel wire rope coated & impregnated with yellow polyethylene plastic.

## CHAIN

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
<th>Working Load Limit Lbs.</th>
<th>Standard Drum Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proof Coil Heavy Duty</td>
<td>B1828</td>
<td>.42</td>
<td>1300</td>
<td>400'</td>
</tr>
<tr>
<td>Steel Chain</td>
<td>B1829</td>
<td>1.36</td>
<td>2650</td>
<td>400'</td>
</tr>
<tr>
<td>Hot Dipped Galvanized</td>
<td>B18210</td>
<td>2.3</td>
<td>4500</td>
<td>200'</td>
</tr>
</tbody>
</table>

## GALVANIZED HARDWARE

### CABLE THIMBLES

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 1/8&quot;</td>
<td>B2312</td>
<td>.04</td>
</tr>
<tr>
<td>Electro 1/4&quot;</td>
<td>B2313</td>
<td>.05</td>
</tr>
<tr>
<td>Galvanized 1/4&quot;</td>
<td>B2316</td>
<td>.15</td>
</tr>
<tr>
<td>Heavy Duty 1/8&quot;</td>
<td>B2324</td>
<td>.08</td>
</tr>
<tr>
<td>Hot Dipped 1/8&quot;</td>
<td>B2321</td>
<td>.11</td>
</tr>
<tr>
<td>Galvanized 1/4&quot;</td>
<td>B2323</td>
<td>.47</td>
</tr>
</tbody>
</table>

### CABLE CLAMPS

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard 1/4&quot;</td>
<td>B1832</td>
<td>.3</td>
</tr>
<tr>
<td>Electro 1/2&quot;</td>
<td>B1833</td>
<td>.4</td>
</tr>
<tr>
<td>Galvanized 1/2&quot;</td>
<td>B1835</td>
<td>.5</td>
</tr>
<tr>
<td>Heavy Duty 1/4&quot;</td>
<td>B2332</td>
<td>.16</td>
</tr>
<tr>
<td>Hot Dipped 1/4&quot;</td>
<td>B2333</td>
<td>.28</td>
</tr>
<tr>
<td>Galvanized 1/2&quot;</td>
<td>B2335</td>
<td>.82</td>
</tr>
</tbody>
</table>

### QUICK LINKS

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electro 1/4&quot;</td>
<td>B1801</td>
<td>.10</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>B1803</td>
<td>.19</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>B1804</td>
<td>.38</td>
</tr>
</tbody>
</table>

### ANCHOR SHACKLES

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot Dipped 5/8&quot;</td>
<td>B1900</td>
<td>.25</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>B1901</td>
<td>.30</td>
</tr>
<tr>
<td>7/8&quot;</td>
<td>B1902</td>
<td>.75</td>
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</tbody>
</table>

### SWIVELS

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hot Dipped 1/4&quot;</td>
<td>B1921</td>
<td>.21</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>B1922</td>
<td>.61</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>B1923</td>
<td>.93</td>
</tr>
</tbody>
</table>

## ANCHORS

### CONCRETE

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>B1842</td>
<td>90</td>
</tr>
<tr>
<td>1/2 Round</td>
<td>54</td>
</tr>
</tbody>
</table>

### ANCHOR KITS

- **B2161**
  - Tough, high-density polyethylene anchor form, cast up to 300 lb. concrete anchors

- **B2163**
  - Plastic anchor form for 90 lb. concrete anchors

- **B2162**
  - 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

<table>
<thead>
<tr>
<th>Band width</th>
<th>2&quot;</th>
<th>11&quot;</th>
<th>12&quot; Dia.</th>
<th>11&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14&quot;</td>
<td>14&quot;</td>
<td></td>
<td>14&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Standard</th>
<th>B4991</th>
<th>B4992</th>
<th>B4993</th>
<th>B4994</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hi Intensity</td>
<td>B4991H</td>
<td>B4992H</td>
<td>B4993H</td>
<td>B4994H</td>
</tr>
</tbody>
</table>

#### REFLECTIVE TAPES
for bands, self-adhesive, sold in 50-yd. rolls—choice of colors

<table>
<thead>
<tr>
<th>Size/Color</th>
<th>Standard Reflective</th>
<th>Hi-Intensity Reflective</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; Orange (50 yds.)</td>
<td>B3195</td>
<td>B3195H</td>
</tr>
<tr>
<td>3&quot; Orange (50 yds.)</td>
<td>B3194</td>
<td>B3194H</td>
</tr>
<tr>
<td>3&quot; Red (50 yds.)</td>
<td>B3191</td>
<td>B3191H</td>
</tr>
<tr>
<td>3&quot; Green (50 yds.)</td>
<td>B3192</td>
<td>B3192H</td>
</tr>
<tr>
<td>3&quot; Silver (50 yds.)</td>
<td>B3193</td>
<td>B3193H</td>
</tr>
</tbody>
</table>

Buoy diameter: 9" 12" 13" 14" 24" 30" 40" 43" 46" 77"

Tape req'd per one band: 30" 40" 43" 46" 77"

#### LETTERING
Black self-adhesive [specify message]

- **B1465**: 2" Height
- **B1461**: 3" Height

#### CAPS
for 9" diameter buoys

- **B3001**: White cap for B1147WR and 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 B2937**

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

<table>
<thead>
<tr>
<th>SLOW</th>
<th>SLOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 MPH</td>
<td>5 MPH</td>
</tr>
</tbody>
</table>

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

- **B2939B**: for B1147WR and B1147R buoys, with bands
- **B2939WB**: for B1147WR and 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
- **B29314WB**: for B1452 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" diameter wrappers supplied in two sections for easier application. Wrappers available for other buoys. Call for pricing.

#### CLEAR-GUARD
PROTECTIVE COATING
helps restore gloss and ultraviolet protection

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

<table>
<thead>
<tr>
<th>Approx. Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>B2938—1 quart 50 9&quot; buoys</td>
</tr>
<tr>
<td>B2939—1 gallon 200 9&quot; buoys</td>
</tr>
</tbody>
</table>

**LETTERING**

Black self-adhesive [specify message]

**WHITE CAULK**
for repair of damaged buoys

Make durable repairs that extend buoy serviceability.

- **B2933C**: White caulk w/tip & spreader
- **B2933GK**: Caulk gun conversion kit
- **B2933T**: Tip for caulk tube

**Larger size caps available. Call for pricing.**
Warning and Portage Signs

Bold black message on white reflective background with orange border

.080” aluminum base material | Excellent visibility, day and night

**DAM**

<table>
<thead>
<tr>
<th>Size (IN.)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 x 24</td>
<td>B2011</td>
</tr>
<tr>
<td>30 x 30</td>
<td>B2021</td>
</tr>
<tr>
<td>36 x 36</td>
<td>B2031</td>
</tr>
<tr>
<td>48 x 48</td>
<td>B2211</td>
</tr>
</tbody>
</table>

**TAKE OUT**

<table>
<thead>
<tr>
<th>Size (IN.)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 x 24</td>
<td>B2012L</td>
</tr>
<tr>
<td>30 x 30</td>
<td>B2022L</td>
</tr>
<tr>
<td>36 x 36</td>
<td>B2032L</td>
</tr>
<tr>
<td>48 x 48</td>
<td>B2212L</td>
</tr>
</tbody>
</table>

**THIN ICE**

<table>
<thead>
<tr>
<th>Size (IN.)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 x 24</td>
<td>B2013</td>
</tr>
<tr>
<td>30 x 30</td>
<td>B2023</td>
</tr>
<tr>
<td>36 x 36</td>
<td>B2033</td>
</tr>
<tr>
<td>48 x 48</td>
<td>B2213</td>
</tr>
</tbody>
</table>

**SLOW NO WAKE**

<table>
<thead>
<tr>
<th>Dia. (IN.)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>B22258</td>
</tr>
<tr>
<td>30</td>
<td>B22259</td>
</tr>
<tr>
<td>36</td>
<td>B22260</td>
</tr>
</tbody>
</table>

**EDUCATIONAL BUOYS • MINIATURE REPLICAS**

Non-functional, for educational use only

**MODEL B2510ES**

- 2½” diameter 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 lbs.

**STANDARD INLAND WATERWAY SYMBOLS AND MESSAGES**

Special messages are available by quote request

**CONTROLLED AREA SYMBOL**

2” band width

**HAZARD WARNING SYMBOL**

2” band width

**RESTRICTED AREA SYMBOL**

2” band width

**INFORMATION SYMBOL**

2” band width

**STANDARD MESSAGES**

- SLOW 5 MPH
- SLOW NO WAKE
- SKI AREA
- NO SKI
- SLOW 10 MPH
- SPEED ZONE
- NO WAKE IDLE SPEED
- ROCK
- DANGER
- RAPIDS
- SHOAL
- STUMP
- SHALLOW AREA
- HAZARD AREA
- DANGER DAM

**RESTROOM 1 MILE**

**STATE PARK AHEAD**

**MARINA ENTRANCE**

**FISH ATTRACTION**
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 through
• 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 6
• 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 20
*Note: Length and size of drag chain are dependent on wave action

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 on this page are provided for general informational purposes only, and are not intended to be suggested designs. The company assumes no responsibility for any mooring system based upon these illustrations.
Application and Mooring Suggestions
Suggestions For Using B1130 Floats with B1147WR Buoys in Swim Areas
Also see chain, cable, hardware and anchor information, page 20

Layout Suggestions For Using B1147WR Buoys In Swim Areas

Installation Suggestions for B1147WR or B961R Buoys With Anchors

<table>
<thead>
<tr>
<th>Permaflex® Cable</th>
<th>Chain</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Anchor shackle B190</td>
<td>1. Connecting link B1891</td>
</tr>
<tr>
<td>2. Swivel B192</td>
<td>2. Swivel B1921</td>
</tr>
<tr>
<td>3. Cable thimble B231 (one each end of cable)</td>
<td>3. Shackle B1900</td>
</tr>
<tr>
<td>4. Wire rope clamp B189 (two required each end of cable)</td>
<td>4. Chain B1828</td>
</tr>
<tr>
<td>5. Permaflex® cable B193 – length</td>
<td>5. 200’ Concrete anchor B21620</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Proof Coil Chain</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE (IN.)</td>
</tr>
<tr>
<td>1/4”</td>
</tr>
</tbody>
</table>

For cable, chain and hardware, see page 20

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**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.

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.

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**Typical Barrier Float System**

Model B1830AO
Floats in series

Model B1428UL
Floats collar can buoy with external ballast
see page 6 for description

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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 require additional help, our sales/engineering staff is available to offer professional advice. You may send your requirements or call toll-free for personal attention.

Rolyan® Buoy reserves the right to change product specifications at any time without notice or obligation to prior purchasers.

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Permaflex® is a trademark of Performance Health Supply, Inc.