Contents

Model B1147R 9" Dia. ABS Buoy .................................................. 1
Model B961R 9" Dia. HDPE Buoy, Educational Buoys ..................... 2
Spar buoy 5", Hanging Can Buoy .............................................. 3
Can Buoys ........................................................................... 4 & 5
Channel Markers ABS and HDPE Types 9" & 5" Dia. ....................... 6
Red Channel Markers ............................................................. 7
Green Channel Markers ......................................................... 8 & 9
9" Buoy, Do Not Pass Between Buoy and Shore .............................. 9
Safe Water Markers, Race Course Markers, & Tidal Buoys ........... 10
Solar Lights ........................................................................ 11
Barrier Floats ...................................................................... 12 & 13
Rope Floats ......................................................................... 13
Pontoon Float, Floating Sign .................................................. 14
Mooring Buoys .................................................................... 15 & 16
Ice Spar ............................................................................. 16
Hardware, Anchors ................................................................ 17
Restoration Materials ............................................................. 18
Warning Signs, Barrier Float System, & Mooring Suggestions ....... 19
MooringSuggestions, Can & Nun Buoys ................................... 20
Mooring Suggestions, Swim Areas and B1147R & B961R ............. 21

Index

Anchors ............................................................................. 17
Barrier Floats ..................................................................... 12, 13, 19, 20
Cable, Mooring .................................................................... 17
Can Buoys .......................................................................... 4, 5
Chain, Mooring ................................................................... 17
Channel Marker, Green ....................................................... 6, 8, 9
Channel Marker, Red ........................................................... 6, 7
Dam Barriers ....................................................................... 12, 13, 14, 19, 20
Educational Buoys ............................................................... 2
Hanging Can Buoy .............................................................. 3
Hardware ............................................................................ 17
Installation Suggestions ....................................................... 19, 20, 21
Lights, Solar ....................................................................... 11
Mooring Buoys .................................................................... 15, 16
Nun Buoys ......................................................................... 6, 7
Ponoon Floats ...................................................................... 14
Race Course Markers .......................................................... 10
Regulatory Buoys ................................................................. 1, 2
Restoration Materials ........................................................... 18
Rope Floats ........................................................................ 13
Safe Water Marker .............................................................. 10
Swim Area Buoys ............................................................... 1, 2, 12, 13
Signs .................................................................................. 19
Sign, Floating ..................................................................... 14
Tidal Buoys ....................................................................... 10

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Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
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.
- ½" PVC pipe thru for float line applications.
- Solar lights (see page 11).
- Available in yellow.

UNsinkable — filled with urethane foam

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

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
Regulatory Buoys • X-Tra Heavy Duty

Super-tough regulatory buoy. Designed for problem areas where buoys are subject to abuse and vandalism.

HDPE* 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.

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).

When ordering, specify symbols and messages desired (see bottom of page 1).
Submerged buoyancy 84 lbs.
Net weight 49 lbs.
Shipping weight 56 lbs.

NOTE: Special procedures must be followed when reconditioning HDPE type buoys.
See warranty information on inside back cover.
*HDPE = High-Density Polyethylene
Spar Buoys • ABS Type - 5" Dia.

Lightweight, easy to handle – minimum anchor weight allows easy removal.

**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.

---

**Hanging Can 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.
**Can Buoys • General Purpose**

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.

**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 flat collar applications.
- 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

**Features**
- Heavy-duty applications.
- 3” orange reflective band at top (all buoys).

**B1428SW**
- Stainless steel hardware available.

**B1428UL**
Excellent stability in wind and current.

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

**B1428FW**
Ideal for barrier systems.

**Model**
- B1251
- B1352
- B1452
- B2445
- B2460UL

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

<table>
<thead>
<tr>
<th>Model</th>
<th>B1251</th>
<th>B1352</th>
<th>B1452</th>
<th>B2445</th>
<th>B2460UL</th>
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</thead>
<tbody>
<tr>
<td>Can Dia. &amp; Ht. (In.)</td>
<td>14x30</td>
<td>14x30</td>
<td>14x30</td>
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<td></td>
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<tr>
<td>Float Collar Dia. &amp; Ht. (In.)</td>
<td>28x12</td>
<td>28x12</td>
<td>28x12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall Ht. (In.)</td>
<td>49</td>
<td>49</td>
<td>89</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Daymark w/36” Exposure (Sq. Ft.)</td>
<td>4.1</td>
<td>4.1</td>
<td>4.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mooring Tackle Allowable for 36” Exposure (Lbs.)</td>
<td>29</td>
<td>40</td>
<td>29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Draft (In.)</td>
<td>under 9</td>
<td>under 9</td>
<td>51</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submerged Buoyancy (Lbs.)</td>
<td>320</td>
<td>340</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Wt. (Lbs.)</td>
<td>105</td>
<td>93</td>
<td>120</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shipping Wt. (Lbs.)</td>
<td>135</td>
<td>135</td>
<td>145</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Model**
- B1428FW—Internal ballast – side attachment
- B1428SW—Internal ballast – bottom attachment
- B1428UL—Heavy duty – external ballast
Can Buoys • General Purpose

COAST GUARD TYPE ABS

**B5CPRSW**

**B5CPRM**

**B6CPRM**

Excellent stability in wind and current.

Ideal for shallow, deep or still waters.

**B5CPRFW**

Barrier Float Line

Ideal for barrier systems.

Features

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

| Model       | B6CPRM 1/2 Mile Buoy | B5CPRM 1 Mile Buoy | B5CPRFW
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></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>Daymark w/o Mooring</td>
<td>Sq. Ft.</td>
<td>3.5</td>
<td>7.5</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>

**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.
- 1 1/4" sch. 40 galvanized pipe through buoy.
- 10" dia. galvanized steel plate at top (can).

**Available Options**

- Solar light (see page 11).

---

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
Channel Markers
For marking borders and centerlines of channels.

9" DIAMETER ABS TYPE NUN AND CAN TYPES

Model B1148R Red
3" red reflective band
Model B1148G Green
3" green reflective band
Model-B1149R Red & White Stripe

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

Note- Effective 12-31-03 Safe Water Markers will be used for C-Line Markers. See page 10.

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).

HDPE* SUPER-TOUGH CHANNEL MARKERS

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

Features - see page 2
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.

*HDPE = High-Density Polyethylene

Note: Special procedures must be followed when reconditioning HDPE buoys.

5" DIA. CHANNEL MARKERS

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.

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

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
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.

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

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

FLOAT COLLAR NUNS
B1428NSW
B1428ULN

Ideal for shallow, deep or still waters. Also available with light (see page 11).

RED NUN X-TRA HEAVY DUTY
B2413ULN

Features
- Super-tough red LLDPE shell. Ultraviolet inhibited.
- Completely urethane foam filled. Virtually unsinkable.
- Self-righting without tackle.
- 1 1/4" sch. 40 galvanized pipe thru buoy.
- 3 1/4" dia. galvanized washer at top.

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

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

COAST GUARD TYPE
Designed for heavy-duty applications.

B1428NSW—Internal ballast – bottom attachment
B1428ULN—Heavy duty external ballast – concrete encased in ABS.
Excellent stability in wind and current.

<table>
<thead>
<tr>
<th>Model</th>
<th>B5NPRM</th>
<th>B5NPRM</th>
<th>B5NPRFW</th>
</tr>
</thead>
<tbody>
<tr>
<td>½ Mile Buoy In.</td>
<td>14</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>1 Mile Buoy 28x12</td>
<td>38x13</td>
<td>38x13</td>
<td>—</td>
</tr>
<tr>
<td>Overall Ht. In.</td>
<td>58</td>
<td>86</td>
<td>50</td>
</tr>
<tr>
<td>Daymark w/o Mooring Sq. Ft.</td>
<td>3.4</td>
<td>713</td>
<td>—</td>
</tr>
<tr>
<td>Buoyancy/In. Submerged Lbs.</td>
<td>22.2</td>
<td>41</td>
<td>39</td>
</tr>
<tr>
<td>Draft In.</td>
<td>24</td>
<td>39</td>
<td>9</td>
</tr>
<tr>
<td>Submerged Buoyancy Lbs.</td>
<td>295</td>
<td>765</td>
<td>700</td>
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<tr>
<td>Net Wt. Lbs.</td>
<td>80</td>
<td>117</td>
<td>164</td>
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<tr>
<td>Shipping Wt. Lbs.</td>
<td>90</td>
<td>130</td>
<td>209</td>
</tr>
</tbody>
</table>

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
**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**
- 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).

### STANDARD CANS

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

**Features**
- 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).

### FLOAT COLLAR CANS

**B1428SWG**

- **Ideal for shallow, deep or still waters.**

**B1428ULG**

- **Excellent stability in wind and current.**

---

**FOR MOORING SUGGESTIONS, SEE PAGE 20. FOR HARDWARE, SEE PAGE 17.**
Large Green Channel Markers (continued)

**COAST GUARD TYPE**
With external ballast.

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

**B5CPRSWG** – Internal ballast – bottom attachment
**B5CPRFWG** – Internal ballast – side attachment
**B6CPRMG** – Heavy duty – external ballast
**B5CPRMG** – (1 mile buoy)

---

**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.

---

**9” MARKER BUOY**
Do not pass between buoy & shore

**MODEL B1149SM Shore Marker**
With black & white vertical stripes

**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.
Markers

SAFE WATER MARKERS

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.

Note- This marker will be used for midchannels effective 12-31-03. See Sec, 62.627 U.S. Aids to Navigation System.

RACE COURSE MARKERS

B11529O

36° exposure with 5 lbs. tackle

TIDAL BUOY CHANNEL MARKERS

B1166W

3” green reflective band
3" red reflective band

36" exposure with 15 lbs. tackle

Options
• White with bands, message and symbols.

Shipping weight 8 lbs.
Solar Lights

**Features**
- Light source—LEDs.
- Colors—Amber, Clear, Green, and Red
- Compact and low/no maintenance
- Estimated battery life 3-5 years
- Programmable
- Stainless Steel/polycarbonate construction
- Common flash rates 15-30-60 FPM
- Batteries may be easily replaced
- Lights are field serviceable
- Light weight

**One Mile**

**Available Options**
- Solar lights may be mounted to any Rolyan® Can or Nun buoy. They may also be retro-fitted to existing buoys.

**T71 One Mile**
- Model B381A—Amber
- Model B381C—Clear
- Model B381G—Green
- Model B381R—Red

**T71 Two Mile**
- Model B382A—Amber
- Model B382C—Clear
- Model B382G—Green
- Model B382R—Red

**Two Mile**

**Available Options**
- Solar lights may be mounted to any Rolyan® Can or Nun buoy. They may also be retro-fitted to existing buoys.

**One Mile**

**Features**
- Light source—LEDs.
- Colors—amber, red, green, and clear.
- Compact and maintenance free.
- Estimated battery life 3-5 yrs.
- Easy installation—just bolt down.
- High performance and reliability.
- Flash pattern—15 or 60 fpm (flashes per minute).
- Rugged construction and solid state components.
- Sun switch detects daylight and turns off light.
- Weight 1 lb.

**Two Mile**

**Features**
- Light source—LEDs.
- Programmable—250 flash codes.
- Available in amber, red, green, and clear.
- Compact and maintenance free.
- Estimated battery life 5 yrs. plus.
- Easy installation—just bolt down.
- High performance and reliability.
- Colored base for easy identification.
- Rugged construction and solid state components.
- Sun switch detects daylight and turns off light.
- Weight: 2 lbs.

**Accessories**
- B21910 Theft Proof Wrench
- B21911 Theft Proof Screws 1"
- B21912 Theft Proof Screws 1½"
- B343SLM Two mile light adapter (includes 4 ea. TP screws)
- B345SLA One mile light adapter (includes 2 ea. TP screws)

**One Mile**

**Model B345A15**—Amber 15FPM
**Model B345G15**—Green 15FPM
**Model B345A60**—Amber 60FPM
**Model B345G60**—Green 60FPM
**Model B345R15**—Red 15FPM
**Model B345C15**—Clear 15FPM
**Model B345R60**—Red 60FPM
**Model B345C60**—Clear 60FPM

**Two Mile**

**Model B343SLA**—Solar Light SL60 Amber
**Model B343SLR**—Solar Light SL60 Red
**Model B343SLG**—Solar Light SL60 Green
**Model B343SLC**—Solar Light SL60 Clear

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
## 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 rod thru float

### Table of Models and Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Barrier Float Styles</th>
<th>Dia. and Length</th>
<th>Type</th>
<th>Description—Standard colors are international orange and white, plain solid color (specify when ordering)</th>
<th>Sub. 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>5/16&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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1130BW</td>
<td></td>
<td></td>
<td>B</td>
<td>1/2&quot; sch. 40 PVC pipe thru float.</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>B618BO</td>
<td></td>
<td>6&quot; x 18&quot;</td>
<td>A</td>
<td>1/2&quot; sch. 40 PVC pipe thru float.</td>
<td></td>
<td>3 lbs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1318AW</td>
<td></td>
<td>13&quot; Dia.</td>
<td>A</td>
<td>1/2&quot; dia. steel rod thru float. Galvanized eye nut swivels on both ends.</td>
<td>55 lbs.</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>B1318AO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1318BW</td>
<td></td>
<td>18&quot; Length</td>
<td>B</td>
<td>1/2&quot; sch. 40 PVC pipe thru float. Anchored to prevent movement.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1318BO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orange Only</td>
<td></td>
<td>14&quot; Sphere</td>
<td>A</td>
<td>5/16&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></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1400BO</td>
<td></td>
<td></td>
<td>B</td>
<td>1/2&quot; sch. 40 PVC pipe thru 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 thru float. Galvanized eye nut swivels on both ends.</td>
<td>70 lbs.</td>
<td>8 lbs.</td>
</tr>
<tr>
<td>B1600AO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1600BO</td>
<td></td>
<td></td>
<td>B</td>
<td>1/2&quot; sch. 40 PVC pipe thru float.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1800AW</td>
<td></td>
<td>18&quot; Sphere</td>
<td>A</td>
<td>1/2&quot; dia. steel rod thru float. Galvanized eye nut swivels on both ends.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1800AO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B1800BW</td>
<td></td>
<td>18&quot; Sphere</td>
<td>B</td>
<td>1/2&quot; sch. 40 PVC pipe thru float.</td>
<td></td>
<td>14 lbs.</td>
</tr>
<tr>
<td>B1800BO</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* No hardware opposite side. Excellent for swim areas.

---

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298

www.RolyanBuoys.com
### Rope Floats

**FEATURES**
- Self lock.
- Use for swim area.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Lock-on Float Styles</th>
<th>Dia. and Length</th>
<th>Type</th>
<th>Description—Standard colors are international orange and white, plain solid color (specify when ordering)</th>
<th>Sub. Buoyancy</th>
<th>Net Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B035LO</td>
<td>3&quot; x 5&quot;</td>
<td>5&quot; x 9&quot;</td>
<td>A</td>
<td>1/2&quot; dia. hole, orange/white/orange polyethylene shell. Ultraviolet inhibited. Lock on rope without fastener. Orange/white/orange.</td>
<td>—</td>
<td>.12 lbs.</td>
</tr>
<tr>
<td>B059LO</td>
<td></td>
<td></td>
<td>B</td>
<td>1/2&quot; orange and white twisted rope, 300’ reel or 600’ reel</td>
<td>—</td>
<td>35 lbs.</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 light (see page 11).
- Reflective Aluminum Sign

Replacement signs
B4872PFS “KEEP OUT”

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.

Available Options
- One- or two-mile solar light (see page 11).
  Note: Requires 4 ea. corner mooring anchors

Replacement signs
B4872PFS “SLOW NO WAKE”
# Mooring Buoys

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

### B1140 Light Duty
- **Overall Size:** 16" x 13" (16" overall)
- **Submerged Buoyancy:** 30 lbs.
- **Net Weight:** 3 lbs.
- **Shipping Weight:** 4 lbs.
- **Recessed 1" blue band**
  - White HDPE shell

### B1145 Medium Duty
- **Overall Size:** 28" (28' overall)
- **Diameter:** 16" dia.
- **Submerged Buoyancy:** 80 lbs.
- **Net Weight:** 9 lbs.
- **Shipping Weight:** 13 lbs.
- **Recessed 3" blue band**
  - White ABS shell

### B1146MB Heavy Duty
- **Overall Size:** 37" (37" overall)
- **Diameter:** 24" dia.
- **2" pipe**
- **Submerged Buoyancy:** 225 lbs.
- **Net Weight:** 28 lbs.
- **Shipping Weight:** 36 lbs.
- **Recessed 4" blue reflective band**

## SUGGESTIONS

<table>
<thead>
<tr>
<th>Chain</th>
<th>CHAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; proof coil up to 20'</td>
<td>Larger chain not recommended</td>
</tr>
<tr>
<td>1/4&quot; proof coil up to 30'</td>
<td>3/8&quot; up to 14' 1/2&quot; up to only 8'</td>
</tr>
<tr>
<td>Smaller than 3/8&quot; not recommended</td>
<td>3/8&quot; up to 60' 1/2&quot; up to 30'</td>
</tr>
</tbody>
</table>

### Supports
- **B1140 Light Duty**
  - Pennant attached to boat.
  - Large attachment hoop for pennant while boat is away from mooring.
  - Swivel attachment eye.
  - Pennant attached to proof coil chain (see listing at right).
  - Heavy-duty swivel.
  - Heavy-duty drag chain 1/2" or more.
  - Anchor.

### Supports
- **B1145 Medium Duty**
  - Pennant attached to boat.
  - Large attachment hoop for pennant while boat is away from mooring.
  - Swivel attachment eye.
  - Pennant attached to proof coil chain (see listing at right).
  - Heavy-duty swivel.
  - Heavy-duty drag chain 1/2" or more.

### Supports
- **B1146MB Heavy Duty**
  - Anchor shackle, ring or clevis attached to chain for boat pennant.
  - 2" dia. steel pipe thru buoy allowing a 1/2" chain to run straight thru for direct pennant attachment to chain.
  - 1/2" bolt thru chain and steel pipe.
  - Proof coil chain (see listing at right).
  - Heavy-duty swivel.
  - Heavy-duty drag chain 5/8" or more.

### NOTE
- Do not attach boat to top of buoy.

### Proof Coil Chain
- 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 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.*
**HDPE* Type Mooring Buoy**
Polyethylene mooring buoy—X-tra heavy duty.

**Model B1830MB**

**Features**
- Super-tough, white, seamless HDPE shell. Ultraviolet inhibited for weather resistance.
- Shatterproof—will not crack, chip, peel or rust.
- Completely urethane foam filled.
- 2-1/2" I.D. top attachment hoop is hot dipped galvanized.
- 3/4" dia. rod thru buoy and 3/4" lower eye nut also hot dipped galvanized.
- 3" blue reflective band at top for excellent visibility.

Working load 12,000 lbs. max.
Submerged buoyancy 200 lbs.
Net weight 28 lbs.
Shipping weight 32 lbs.

*HDPE = High-Density Polyethylene

**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 band
- 24" Blue band
- White LLDPE shell

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

---

**Rolyan® Ice Spar**

Durable spar-type float ideal for winter use.

**Models B631IS and B631ISB**

**Features**
- White HDPE shell, ultraviolet inhibited for weather resistance.
- Urethane foam filled.
- Shatter-proof—will not crack, chip, peel or rust.
- Tapered design resists freeze-in.
- High-visibility orange reflective bands.

- 3/8" diameter galvanized attachment eye 3" I.D.
- Model B631IS without ballast—spar is not self-righting without tackle weight.
- Model B631ISB with ballast—spar is self-righting without tackle weight.

---

### Models Comparison

<table>
<thead>
<tr>
<th>Model</th>
<th>B631IS</th>
<th>B631ISB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Height</td>
<td>35&quot;</td>
<td>35&quot;</td>
</tr>
<tr>
<td>Diameter</td>
<td>5&quot; tapered</td>
<td>5&quot; tapered</td>
</tr>
<tr>
<td>Submerged Buoyancy</td>
<td>18 lbs.</td>
<td>11 lbs.</td>
</tr>
<tr>
<td>Net Weight</td>
<td>3 lbs.</td>
<td>10 lbs.</td>
</tr>
<tr>
<td>Shipping Weight</td>
<td>5 lbs.</td>
<td>12 lbs.</td>
</tr>
</tbody>
</table>
**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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5/32&quot;</td>
<td>B1934</td>
<td>1/8&quot;</td>
<td>7 x 7</td>
<td>.028</td>
<td>920</td>
<td>1000'</td>
<td>28</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>B1936</td>
<td>5/32&quot;</td>
<td>7 x 7</td>
<td>.065</td>
<td>3700</td>
<td>500'</td>
<td>37</td>
</tr>
<tr>
<td>3/32&quot;</td>
<td>B1931</td>
<td>3/32&quot;</td>
<td>7 x 7</td>
<td>.12</td>
<td>6100</td>
<td>500'</td>
<td>60</td>
</tr>
<tr>
<td>1/4&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>

**NOTES:**
- \(1\) Bundles of galv. wire x number of wires per bundle.
- \(2\) All sizes may also be purchased by the foot. Subject to cut charge.

### 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 1/4&quot;</td>
<td>B1828</td>
<td>.42</td>
<td>1300</td>
<td>400'</td>
</tr>
<tr>
<td>Steel Chain 3/8&quot;</td>
<td>B1829</td>
<td>1.36</td>
<td>2650</td>
<td>200'</td>
</tr>
<tr>
<td>Hot Dipped Galv. 1/2&quot;</td>
<td>B18210</td>
<td>2.3</td>
<td>4500</td>
<td>100'</td>
</tr>
</tbody>
</table>

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

### GALVANIZED HARDWARE

#### CABLE THIMBLES
- Standard
- Hot Dipped Galvanized
- Heavy Duty
- Hot Dipped Galvanized

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>B2311</td>
<td>.03</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2312</td>
<td>.04</td>
</tr>
<tr>
<td>5/32&quot;</td>
<td>B2313</td>
<td>.05</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2316</td>
<td>.15</td>
</tr>
<tr>
<td>3/32&quot;</td>
<td>B2324</td>
<td>.08</td>
</tr>
<tr>
<td>5/32&quot;</td>
<td>B2321</td>
<td>.11</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2323</td>
<td>.47</td>
</tr>
</tbody>
</table>

**ANCHOR KITS**
- Tough, high-density polyethylene anchor form. Cast up to 300 lb. concrete anchors.

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

**CONCRETE REINFORCED WITH STEEL MESH**

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>54</td>
</tr>
<tr>
<td>200</td>
<td>164</td>
</tr>
<tr>
<td>300</td>
<td>180</td>
</tr>
</tbody>
</table>

**SWIVELS**
- Stainless steel hardware available. Call for pricing.

**CONNECTING LINKS**
- Electro
- Galvanized

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>B1891</td>
<td>.10</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>B1892</td>
<td>.25</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1893</td>
<td>.54</td>
</tr>
</tbody>
</table>

**QUICK LINKS**
- Electro
- Galvanized

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>B1801</td>
<td>.10</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>B1803</td>
<td>.19</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1804</td>
<td>.38</td>
</tr>
</tbody>
</table>

**ANCHOR SHACKLES**
- Hot Dipped Galvanized

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>B1900</td>
<td>.25</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1901</td>
<td>.30</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1902</td>
<td>.75</td>
</tr>
</tbody>
</table>

**ANCHORS**

- Stainless steel hardware available. Call for pricing.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>B2161</td>
<td>.21</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2162</td>
<td>.61</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2163</td>
<td>.93</td>
</tr>
</tbody>
</table>

### CABLE CLAMPS
- Standard
- Electro
- Galvanized

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Weight Lb./Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot;</td>
<td>B1831</td>
<td>.2</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1832</td>
<td>.3</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>B1833</td>
<td>.4</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1835</td>
<td>.5</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>B2331</td>
<td>.11</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2332</td>
<td>.16</td>
</tr>
<tr>
<td>5/32&quot;</td>
<td>B2333</td>
<td>.28</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B2335</td>
<td>.82</td>
</tr>
</tbody>
</table>

**COMPLETE KITS**
for regulatory buoys and standard can buoys.
*Include*
- Two reflective symbols.
- Reflective bands.
- Two sets of wording (specify).
- Letters are black for messages.
- All items are self adhesive.

- Hi-intensity reflective kits are available to greatly improve visibility as well as restore useful life to existing buoys. They aid in providing maximum water safety.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>B1147R</td>
<td>B2932</td>
<td>B2932H</td>
</tr>
<tr>
<td>12&quot;</td>
<td>B1251</td>
<td>B2934</td>
<td>B2934H</td>
</tr>
<tr>
<td>13&quot;</td>
<td>B1352</td>
<td>B29311</td>
<td>B29311H</td>
</tr>
<tr>
<td>14&quot;</td>
<td>B1452</td>
<td>B2935</td>
<td>B2935H</td>
</tr>
<tr>
<td>24&quot;</td>
<td>B2445</td>
<td>B2937</td>
<td>B2937H</td>
</tr>
</tbody>
</table>

**SYMBOLS —** Orange, reflective, self-adhesive

- 2" Band width
- 11" 11" 12" Dia. 11"

<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**

<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>

<table>
<thead>
<tr>
<th>Buoy Diameter</th>
<th>Tape reqd. for one band</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>30&quot; 40&quot; 43&quot; 46&quot; 77&quot;</td>
</tr>
</tbody>
</table>

**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 run cap for B1148R
- B3002—White cap w/3 screws for B961R
- B3002N—Red run cap w/3 screws for B961RC
- B3002G—Green cap w/3 screws for B961GC

Larger size caps available. Call for pricing.

**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 |
| B2933CB | for B1428 float collar buoys, with bands |
| B2933CWB | for B1428 float collar buoys, without bands |

12", 13", and 14" dia. wrappers supplied in two sections for easier application. Wrappers available for other buoys. Call for pricing.

**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.

<table>
<thead>
<tr>
<th>Color</th>
<th>¼ pt. can</th>
<th>1 qt. bottle</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>B2933W</td>
<td>B29310W</td>
</tr>
</tbody>
</table>

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

**LIGHTED BUOY ASSEMBLIES AND ACCESSORIES**
Lenses, bulbs, batteries and replacement parts for "McDermott" lights are available. Call for pricing.

Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8720 • Fax: 866-790-3298
www.RolyanBuoys.com
Typical Barrier Float System

Model B1830BO
Floats in series

Model B1428UL
Floats collar can buoy with external ballast
(See page 4 for description)

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.

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.

Warning and Portage Signs

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

<table>
<thead>
<tr>
<th>DAM</th>
<th>SLOW NO WAKE</th>
<th>TAKE OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE (IN.)</td>
<td>PART NO.</td>
<td>SIZE (IN.)</td>
</tr>
<tr>
<td>24 x 24</td>
<td>B2011</td>
<td>24</td>
</tr>
<tr>
<td>30 x 30</td>
<td>B2021</td>
<td>30</td>
</tr>
<tr>
<td>36 x 36</td>
<td>B2031</td>
<td>36</td>
</tr>
<tr>
<td>48 x 48</td>
<td>B2211</td>
<td>48 x 48</td>
</tr>
</tbody>
</table>

DAM THIN ICE SLOW NO WAKE TAKE OUT
Application and Mooring Suggestions

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.

Typical Barrier Float System
The diagram illustrates one suggestion for a barrier float system using Rolyan® floats, buoys, and hardware.
1. B1830B floats
2. Permaflex® cable 15/32", B1933
3. Cable clamps selected for cable size

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 or repair links B181
4. Swivel B192
5. Drag chain min. 4' length* 1/2" or larger B182
6. Anchor B2152

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 or repair links B181
7. Drag chain min. 4' length* 1/2" or larger B182
8. Anchor B2152

For chain, cable and hardware, see page 17.

*RNote: 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 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.
Application and Mooring Suggestions (continued)

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.

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 = depth plus 3 ft.

A 300-lb. concrete anchor (B2152) or 200-lb. (B21620) is recommended.

Straight Link Chain
1. Connecting links B189 (two)
2. Swivel B192 (one)
3. Shackle B190 (one)
4. Chain - length = depth plus 3 ft.

A 300-lb. concrete anchor (B2152) or 200-lb. (B21620) is recommended.

<table>
<thead>
<tr>
<th>SIZE (IN.)</th>
<th>PART NO</th>
<th>Max. Length</th>
<th>Type Buoys will Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16&quot;</td>
<td>B1934</td>
<td>100'</td>
<td>B1147</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>B1936</td>
<td>75'</td>
<td>B1147</td>
</tr>
<tr>
<td>5/16&quot;</td>
<td>B1931</td>
<td>45'</td>
<td>B1147</td>
</tr>
<tr>
<td>15/32&quot;</td>
<td>B1933</td>
<td>18'</td>
<td>B1147</td>
</tr>
</tbody>
</table>

For cable, chain and hardware, see page 17.
Rolyan has a buoy or float for every need

First choice among professionals
Rolyan® products are designed to meet and conform with all State and Federal regulations. They have long been approved and used by U.S. Corps of Engineers and Coast Guard, State Parks and Departments, State Boating Administrators, Sheriffs Departments, Yacht Clubs and Resorts.

Statement Of Limited Warranty
At time of shipment, all goods are inspected and warranted to be of first quality. Damage or loss occurring during shipping must be filed immediately with the carrier. Misuse or misapplication of items is beyond our control and will void any warranty, expressed or implied.

Rolyan and the buoy boy are trademarks of AbilityOne Corporation.

Expert assistance available
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.