

Inland Waterway and Shallow Harbor Solutions

Region **USA**



SEALITE 

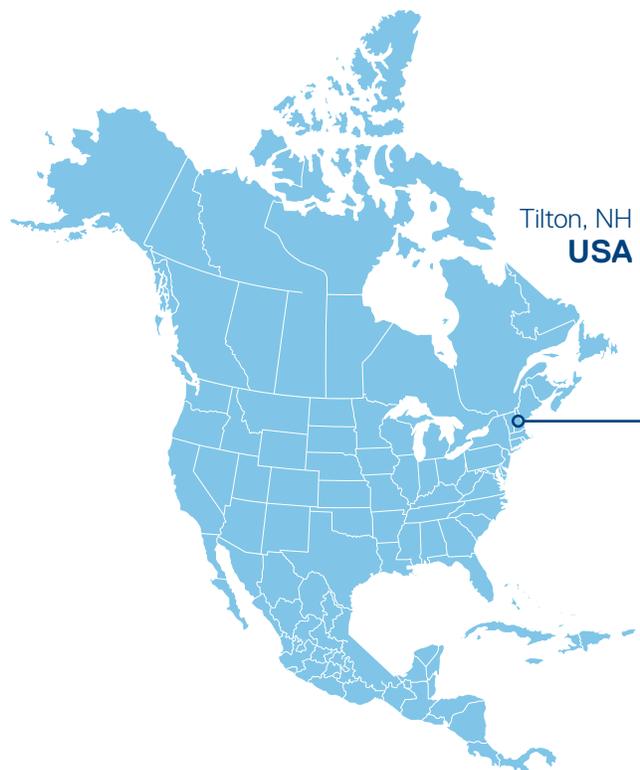
Sealite Enhances Maritime Safety

Sealite is dedicated to supporting the federal, state, and local marine authorities including the U.S. Coast Guard and the U.S. Navy through the efficient design and production of marine aids to navigation.

We are proud to be part of the SPX Aids to Navigation division of SPX Technologies, a supplier of highly engineered products and technologies.

Sealite offers a comprehensive range of marine lanterns, rotationally-molded buoy products, and monitoring and control options to our maritime customers.

Our buoy products are manufactured in our New Hampshire factory to the same exacting standards as our offshore and coastal buoy products. The products utilize the same premium quality polyethylene and closed cell foam materials for optimal performance. Our sole focus is improving the safety of mariners by developing state of the art aids to navigation.





Sealite has a trusted reputation for delivering the most reliable marine aids to navigation products in the world. For us, customer excellence is always our priority, and we continue to deliver technically advanced and connected products through our people, process, and commitment to quality.



**We don't sell buoys...
We manufacture safety
for your waterways.**

Dredging



Sealite understands the importance of minimizing risk near areas of barge operations, construction zones, and dredging operations.

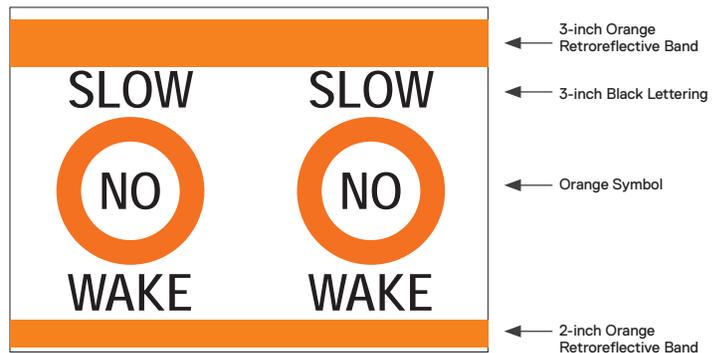
Sealite's range of barrier floats, buoys, as well as solar and battery powered barge lights help professional mariners mark safety zones and expedite operations while helping to increase safety for all waterway users.



Regulatory Wraps

Regulatory Wraps

Sealite vinyl regulatory wraps are perfect for restoring or repurposing older buoys. These wraps enhance buoy visibility and compliance with regulations, extending the lifespan of existing buoys and ensuring the safety of navigation aids.



Standard Messaging

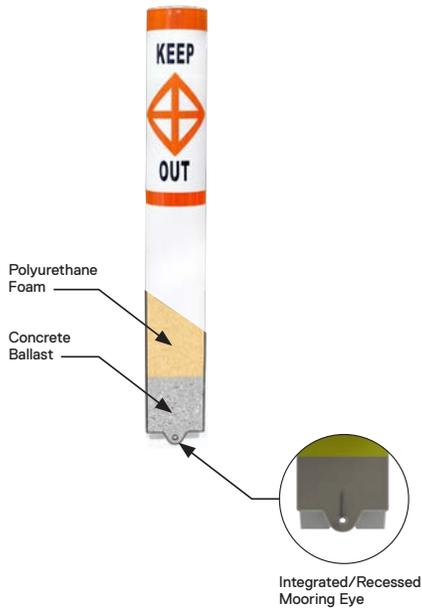
Sealite regulatory buoys feature USCG-approved retroreflective bands and graphics that withstand heavy UV exposure without peeling and fading, ensuring high visibility.

Custom graphics are available upon request.

Controlled Area	Restricted Area	Hazard Warning	Information
			
Standard Messages			
Slow No Wake	Swim Area	Danger	Marina Entrance
Idle Speed	Keep Out	Danger Dam	Fish Attractor
No Wake 5MPH	No Boats	Rock	
No Wake 10MPH	Restricted Area	Shoal	
No Ski	Danger Keep Out	Hazard Area	
Ski Area	Closed Area	Danger Pipeline	
No Rafting		Construction	



Regulatory Spar Buoys



Features

- Integrated stainless steel mooring eye (SL-B980, SL-B1060, SL-B1362) during molding process results in completely sealed, watertight buoy
- Recessed mooring eye allows buoy to be stored upright with hardware attached for ease of deployment and storage
- UV-inhibited polyethylene for durability in harsh sunlight
- 3-inch wide USCG-approved retro-reflective tape
- Standard messaging included



Specifications	SL-B576-RB	SL-B980-RB	SL-B1060-RB	SL-B1362-RB
Diameter (in/mm)	5 / 127	9 / 229	9 / 229	13 / 330
Buoy Height (in/mm)	76 / 1930	80 / 2032	61 / 1549	62 / 1575
Nominal Freeboard (in/mm)	36 / 914	42 / 1067	36 / 914	40 / 1016
Visual Area (ft ² /m ²)	1.25 / 0.12	2.5 / 0.24	2.25 / 0.2	3.6 / 0.33
Submergence (lb/in; kg/cm)	0.75 / 0.13	3 / 0.5	3 / 0.5	4.8 / 0.9
Nominal Draft (in/mm)	40 / 1016	38 / 965	25 / 635	22 / 559
Net Weight (lb/kg)	23 / 10	78 / 35	63 / 29	102 / 46
Maximum Mooring Load (lb/kg)	5 / 2	25 / 11	12 / 5	21 / 9.5
Wall Thickness (in/mm)	0.2 / 5	0.2 / 5	0.2 / 5	0.2 / 5
Optional Solar Lantern	N/A	SL-15, SL-60	SL-15, SL-60	SL-15, SL-60, SL-70

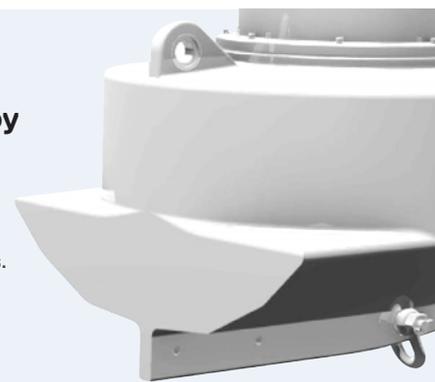
Regulatory Float Collar Buoys

Features

- Superior stability in rough, choppy conditions
- Increased reserved buoyancy with a large buoy base design
- Standard messaging included
- Extreme durability in harsh sunlight due to UV-inhibited polyethylene construction
- Exceptional strength and durability for long-lasting performance

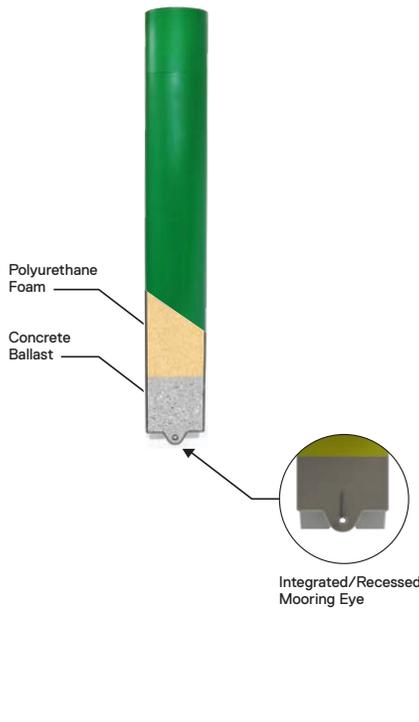
SL-B1200 Fast Water Buoy

This buoy has a unique hull-shaped design which makes it suitable for fast water to 8 knots.



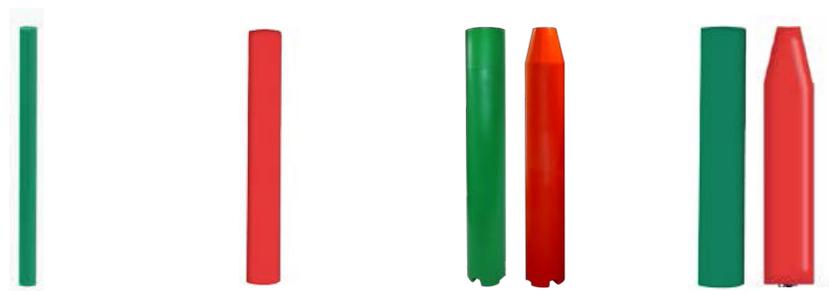
Specifications	SL-B700-RB	SL-B1200FW-RB	SL-B1250-RB
Diameter (in/mm)	Can: 12 / 305 Collar: 28 / 700	Can: 21.9 / 555 Collar: 47.25 / 1200	Can: 21.9 / 555 Collar: 49.25 / 1250
Buoy Height (in/mm)	54 / 1372	68 / 1745	46.5 / 1180
Nominal Freeboard (in/mm)	43.5 / 1105	49 / 1244	13.125 / 335
Visual Area (ft ² /m ²)	2.75 / 0.255	8.1 / 0.75	8.6 / 0.8
Submergence (lb/in; kg/cm)	21.6 / 3.8	70 / 12.5	70 / 12.5
Nominal Draft (in/mm)	10.5 / 267	13.54 / 344	21.67 / 550
Net Weight (lb/kg)	95 / 43	313 / 142	154 / 70
Maximum Mooring Load (lb/kg)	132 / 60	172 / 78	342 / 155
Wall Thickness (in/mm)	0.25 / 7	Float Collar: 0.375 / 9 Can Top: 0.25 / 7	Float Collar: 0.375 / 9 Can Top: 0.25 / 7
Optional Solar Lantern	SL-15, SL-60-LB, SL-70	SL-60-LB, SL-70, SL-75	SL-60-LB, SL-70, SL-75

Channel Marker Spar Buoys



Features

- Integrated stainless steel mooring eye (SL-B980, SL-B1060, SL-B1362) during molding process results in completely sealed, watertight buoy
- Recessed mooring eye allows buoy to be stored upright with hardware attached for ease of deployment and storage
- UV-inhibited polyethylene for durability in harsh sunlight
- 3-inch wide USCG-approved retro-reflective tape
- Standard messaging included



Specifications	SL-B576	SL-B980	SL-B1060	SL-B1362
Diameter (in/mm)	5 / 127	9 / 229	9 / 229	13 / 330
Buoy Height (in/mm)	76 / 1930	80 / 2032	61 / 1549	62 / 1575
Nominal Freeboard (in/mm)	36 / 914	42 / 1067	36 / 914	40 / 1016
Visual Area (ft ² /m ²)	1.25 / 0.12	2.5 / 0.24	2.25 / 0.2	3.6 / 0.33
Submergence (lb/in; kg/cm)	0.75 / 0.13	3 / 0.5	3 / 0.5	4.8 / 0.9
Nominal Draft (in/mm)	40 / 1016	38 / 965	25 / 635	22 / 559
Net Weight (lb/kg)	23 / 10	78 / 35	63 / 29	102 / 46
Maximum Mooring Load (lb/kg)	5 / 2	25 / 11	12 / 5	21 / 9.5
Wall Thickness (in/mm)	0.2 / 5	0.2 / 5	0.2 / 5	0.2 / 5
Optional Solar Lantern*	N/A	SL-15, SL-60	SL-15, SL-60	SL-15, SL-60, SL-70

*Please consult with our sales team for mounting hardware options compatible with the optional solar lantern.

Channel Marker Float Collar Buoys

Features

- Superior stability in rough, choppy conditions
- Increased reserved buoyancy with a large buoy base design
- Standard messaging included
- Extreme durability in harsh sunlight due to UV-inhibited polyethylene construction
- Exceptional strength and durability for long-lasting performance



Specifications	SL-B700	SL-B1200	SL-B1250
Diameter (in/mm)	Can: 12 / 305 Collar: 27.5 / 700	Can: 21.9 / 555 Collar: 47.25 / 1200	Can: 21.9 / 555 Collar: 49.25 / 1250)
Buoy Height (in/mm)	54 / 1372	68 / 1745	50 / 1270
Nominal Freeboard (in/mm)	44 / 1118	49 / 1244	46.5 / 1181
Visual Area (ft ² /m ²)	2.75 / 0.255	8.1 / 0.75	8.6 / 0.8
Submergence (lb/in; kg/cm)	21.5 / 3.8	70 / 12.5	70 / 12.5
Nominal Draft (in/mm)	8.75 / 223	13.54 / 344	21.5 / 546
Net Weight (lb/kg)	94 / 43	313 / 142	154 / 70
Maximum Mooring Load (lb/kg)	132 / 60	172 / 78	342 / 155
Wall Thickness (in/mm)	0.25 / 7	Float Collar: 0.375 / 9 Can Top: 0.25 / 7	Float Collar: 0.375 / 9 Can Top: 0.25 / 7
Optional Solar Lantern*	SL-15, SL-60-LB, SL-70	SL-60-LB, SL-70, SL-75	SL-60-LB, SL-70, SL-75

*Please consult with our sales team for mounting hardware options compatible with the optional solar lantern.

Solar LED Marine Lanterns



SL-15
1-2 NM Marine Lantern

- User-adjustable flash characters
- Automatic night activation
- UV-stabilized LEXAN polycarbonate lens and base
- IP68 waterproof rating
- Detachable bird deterrent

Options

- Available colors: red, green, yellow, white, blue
- ON/OFF switch for temporary installations
- IR remote



SL-60
2-3 NM Marine Lantern

- User-adjustable flash characters
- Automatic night activation
- UV-stabilized LEXAN polycarbonate lens and base
- IP68 waterproof rating
- Detachable bird deterrent

Options

- GPS synchronization
- 200mm bolt pattern base
- Larger battery pack

Light Characteristics

	SL-15	SL-60
Visible Range (NM)	1-2	2-3
Flash Characteristics	16 User-adjustable IALA Flash Characteristics (other flash patterns available on request)	Up to 256 IALA Recommended (user adjustable)
Intensity Adjustments	Multiple Intensity Settings	
Mounting	4x6mm Mounting Holes	4x4.5mm Mounting Holes
Height (in/mm)	5.5 / 141	8.125 / 205
Width (in/mm)	5.375 / 136	7 / 177
Weight (lb/kg)	1.125 / 0.5	2.125 / 0.9



SL-70
2-3 NM Marine Lantern

- Reliable year-round operation in low sunlight conditions
- Dual internal high-performance solar modules
- UV-stabilized LEXAN polycarbonate lens and base
- IP68 waterproof rating

Options

- Available colors: red, green, yellow, white, blue
- IR remote
- GPS synchronization
- Larger battery pack



SL-75
3-5 NM Marine Lantern

- Bluetooth enabled for programming and maintenance from up to 50 meters away
- Meets USCG CFR 33 Parts 66 and 67

Options

- GPS synchronization
- 200mm bolt pattern base
- Larger battery pack
- Satellite Connectivity

Light Characteristics

	SL-70	SL-75
Visible Range (NM)	2-3	3-5
Flash Characteristics	Up to 256 IALA Recommended (user adjustable)	310 Plus Custom Character
Intensity Adjustments	Multiple Intensity Settings	
Mounting	200mm Bolt Pattern	<ul style="list-style-type: none"> • 3&4 Hole 200mm Bolt Pattern, • 3 Hole 150mm Bolt Pattern, or • 4 Hole 162mm Bolt Pattern
Height (in/mm)	9.5 / 240	12.375 / 314
Width (in/mm)	9.125 / 231	9.125 / 231
Weight (lb/kg)	3.125 / 1.4	5.5 / 2.5



Barrier Floats



Features

- Integrated pipe-through design
- Rotationally-molded single piece construction for strength and durability
- UV-inhibited polyethylene for long lasting color retention
- One year warranty

Options

- Swivel ends
- Alternative colors: green, yellow, white
- USCG-approved retroreflective bands



15" diameter round
(Shown with optional swivel ends)



18" diameter x 30" length



24" diameter x 36" length
(Shown with optional swivel ends)

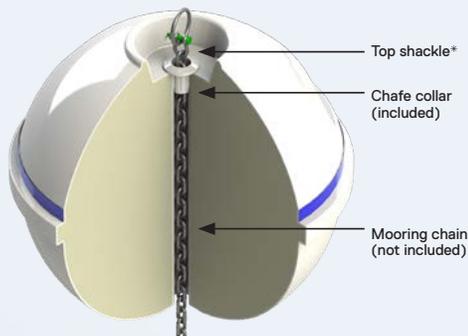
Specifications	SL-BF15-S	SL-BF1830	SL-BF2436
Diameter (in/mm)	15 / 382	18 / 457	24 / 610
Length (in/mm)	15 / 382	30 / 762	36 / 914
Wall Thickness (in/mm)	0.2 / 5	0.2 / 5	0.2 / 5
Net Weight (lb/kg)	10 / 4.5	21 / 9.5	39 / 17.5
Total Float Volume (gal/ltr)	7.5 / 29	26.5 / 100	56.5 / 214
Total Reserve Buoyancy (lb/kg)	53 / 24	174 / 79	370 / 168

Mooring Buoys



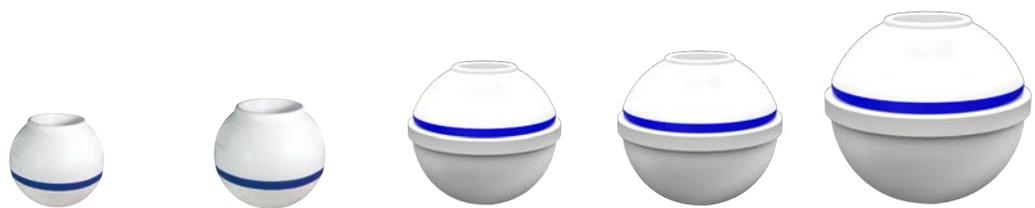
Easy Installation

A top shackle connects directly to the mooring chain for quick, easy installation and vessel protection.



Features

- Rotationally-molded single piece construction for strength and durability
- Closed-cell polyurethane foam filling to prevent water ingress if damaged
- Recessed shackle area to prevent boat scratching
- Molded-in center tube accepts mooring chain of up to 5/8 inch (16mm) diameter*
- USCG-approved blue retroreflective band



Specifications	SL-MB-18	SL-MB-24	SL-MB-32	SL-MB-38	SL-MB-42
Diameter (in/mm)	18 / 457	24 / 610	34 / 862	40.25 / 1022.25	42.124 / 1070
Height (in/mm)	16.85 / 428	22.48 / 571	30.75 / 781.75	37 / 940	41.25 / 1048
Net Weight (lb/kg)	13 / 6	23 / 10.5	40 / 18	61 / 27.5	106 / 48
Wall Thickness (in/mm)	0.25 / 6.35	0.25 / 6.35	0.25 / 6.35	0.25 / 6.35	0.25 / 6.35
Maximum Mooring Load (lbs/kg)	36 / 16.5	101 / 46	230 / 103.5	486 / 218.5	614 / 278.5
Maximum Chain Size (in/mm)	3/8 (9.5)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)

Winter Mooring Sticks

Features

- Integrated mooring eye at each end
- Easy access to mooring hardware and retrieval from icy water
- Blue retroreflective tape at top for visibility in slush and under ice
- Available in 2 sizes: 36-inch and 80-inch heights
- Made of virgin polyethylene for durability and long life in tough environmental situations



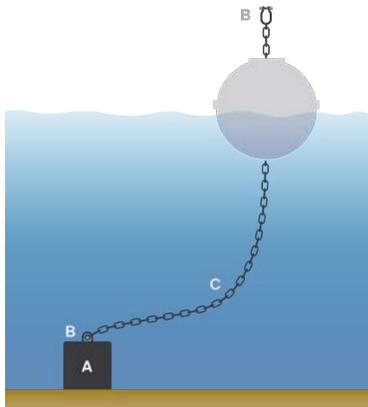
Blue retroreflective tape at top for visibility in slush and under ice



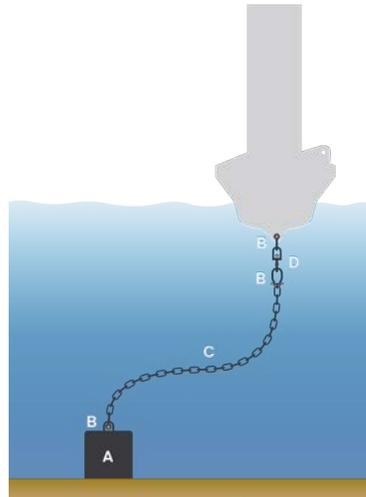
Specifications	SL-WMS-36	SL-WMS-80
Diameter (in/mm)	5 / 127	5 / 127
Height (in/mm)	36 / 9145	80 / 2032
Wall Thickness (in/mm)	0.2 / 5	0.2 / 5
Net Weight (lb/kg)	8 / 3.5	12 / 5.5
Maximum Mooring Load (lb/kg)	15 / 6.75	30 / 13.5
Maximum Chain Size (in/mm)	5/8 (16)	5/8 (16)

Mooring Installation Examples

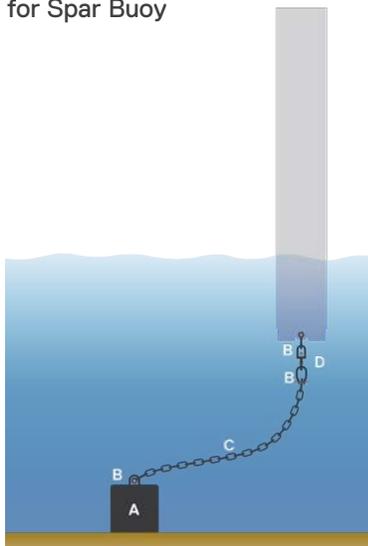
Chain Mooring Solution for Mooring Buoy



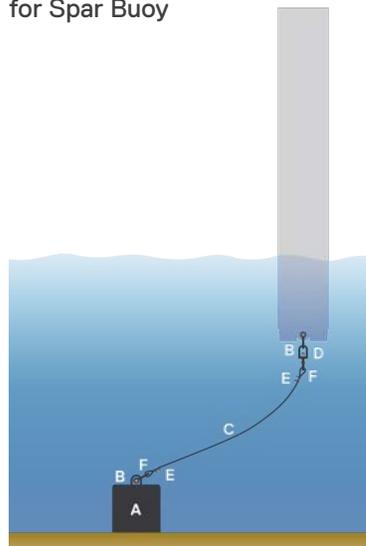
Shallow Water Chain Mooring Solution for Float Collar Buoy



Chain Mooring Solution for Spar Buoy



Cable Mooring Solution for Spar Buoy



Mooring System Key

A	Mooring Weight
B	Shackle
C	Chain or Cable
D	Swivel at Buoy or Chain Connection Point
E	Thimbles
F	Cable Clamps

Note: The design and selection of a mooring system should be determined by a qualified professional who is familiar with the application and water conditions.

The examples shown are provided for general informational purposes only and are not intended to be suggested designs.

Contact Us

We Believe Technology
Improves Navigation



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