“SEA SLUG”

Ocean Towable Bladders
Canflex USA Inc. is a major U.S. manufacturer of high frequency welded products made with special high strength PVC or Urethane coated fabrics, such as polyester, nylon, and kevlar. All of our products are collapsible and can be folded for easy storage and transportation.

All fittings are made from cast anodized marine grade aluminum; any nuts, bolts, and washers integral to the fittings are made of stainless steel. Filling and discharged hose connections are generally cam-lock type with the size depending on the user’s needs.

Canflex “Sea Slug” Ocean Towable Bladders are normally used for oil spill recovery and primarily used on water. Special material coatings are available for these bladders to be used in many environments, such as the store and transport of drinking water, Hydrocarbon or Waste products.

These bladders are very rugged units with a cylindrical main body and matching conical ends giving them great towing characteristics. The ends of the Sea Slug are constructed so the towing force is evenly distributed through the fabric panels of the product, rather than distributing the tow forces throughout the hardware connecting the end fittings. This increases the product longevity.

The streamline and inherent floatation allow the Sea Slug to be used in ocean environments while filled with fluid including high-density weathered oils. Its design also includes an inclined bow which encloses an air chamber that ensures the bow rides high on the water and maintains a streamlined shape for optimum towing speed of the bladder when loaded.

The Canflex superior engineering & design plus the high strength coated fabrics we use to manufacture our bladders allow them to be used safely for training and practical applications over an extended time period. Our coated fabric materials are many times stronger than materials used by other towable bladder manufacturers. This material strength is critical for constructing a safe ocean towable bladder that can be filled, towed and off loaded repeatedly.

### SERIES 1- “SEA SLUGS” CHARACTERISTICS

- Reliable fast response units
- Light weight, easy and compact storage
- Limited personal needed on deployment and retrieval
- Low draft units, ideal for shallow waters
- Foam filled rectangular flotation side panels
- Available with higher density coated materials
- Available in 2", 4" and 6" connections
- Clip-lok plywood crate included for packing, storage and transportation.

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Capacity</th>
<th>Length (ft)</th>
<th>Dia. (in)</th>
<th>*Auxiliary Floating</th>
<th>Dry Weight with accessories</th>
<th>Draft (ft)</th>
<th>Material Weight DIN 53853</th>
<th>Material Color</th>
<th>Side Floats</th>
<th>Shipping / Storage Crate</th>
<th>Standard Fill / Offload Fittings</th>
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</thead>
<tbody>
<tr>
<td>FCB-5CM</td>
<td>5.0 / 31.6</td>
<td>6.2</td>
<td>3.5</td>
<td>467</td>
<td>244</td>
<td>3.13</td>
<td>1522</td>
<td>Int. Yellow</td>
<td>Closed cell Foam</td>
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<tr>
<td>FCB-6CM</td>
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<td>3.76</td>
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<td>5.6</td>
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<td>365</td>
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<td>9.1</td>
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<td>435</td>
<td>5.01</td>
<td>1522</td>
<td>Int. Yellow</td>
<td>Closed cell Foam</td>
<td>Clip-lok plywood box</td>
<td>3*</td>
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</tbody>
</table>
SERIES 2- “SEA SLUGS”

CHARACTERISTICS

- Large bulk storage capacities
- Reliable fast response units
- Towed with either small or large vessels
- Bladder is towable from vessel’s stern end or sides
- Available with higher density coated materials
- Air filled rectangular flotation side panels
- Available in 2", 3" and 6" connections
- 25" center flange available for larger size submersible pumps
- Aluminum crate included for packing, storage and transportation.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Capacity</th>
<th>Length (ft)</th>
<th>Diam (in)</th>
<th>*Auxiliary Floatation</th>
<th>Dry Weight with accessories</th>
<th>Draft (Full)</th>
<th>Material Weight DIN 53853</th>
<th>Material Color</th>
<th>Side Floats Flotation</th>
<th>Shipping / Storage Crate</th>
<th>Standard Fill / Offload Fittings</th>
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<tbody>
<tr>
<td>FCB-20CM</td>
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<td>313</td>
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<td>Int. Orange</td>
<td>Air</td>
<td>Clip-lok plywood box</td>
<td>4&quot;</td>
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<td>335</td>
<td>1.61</td>
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<td>Air</td>
<td>Clip-lok plywood box</td>
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<td>Aluminum</td>
<td>4&quot; and 16&quot; center flange</td>
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<td>Int. Orange</td>
<td>Air</td>
<td>Aluminum</td>
<td>4&quot; and 16&quot; center flange</td>
</tr>
</tbody>
</table>
OFFLOADING

CANFLEX (USA) INC offers a proven submersible pump off loading system for our “Sea Slug” ocean towable bladders. In addition Canflex offers a manufactured top center offload hatch assembly that allows the submersible pump to be lowered into the bladder. This top center hatch opening is available in sizes of 12”, 16” and 25” diameter for 20m³ capacity bladders or larger.

This is a fast and efficient method of off loading and is achieved by simply lowering the pump with the custom watertight cap with the pump attached into the Sea Slug. With the pump now locked inside the bladder all hydraulic power hoses and offload fluid connections can quickly be connected to external fittings on our pump adaptation cap.

Canflex can offer submersible pumps with off load capacities from 20m³/h to 300 m³/h or larger.

These high capacity pumps driven by their respective diesel engine powered hydraulic power packs will offload a wide variety of fluids including high viscosity crude oils.

Also available are non submersible portable diesel engine powered type pumps with offload capacities from 11m³/h to 600m³/h or larger. This type of pump can be connected to our stern offload hose connection or at one of the top NPT flanged fittings.

PACKING, STORAGE & TRANSPORTATION

The bladder high strength coated fabric material allows the bladder to be either folded or rolled into compact shape to fit into our custom plywood or aluminum storage / shipping container.

CLIP-LOK STYLE

Plywood Shipping /Storage Crate

CHARACTERISTICS
- Made of Heat Treated ¾” plywood to comply with ISPM 15 standards, certified for International Exports
- Forklift slots on all sides
- Special weather resistant coating.
- Quickly assembled or taken apart with no nails or screws.
- Easily and quickly flat-packed, reducing transport and storage volume
- Two air vents with screen for air circulation
- Suitable for transport by road, rail, sea or air.

MARINE GRADE

Aluminum Shipping /Storage Crate

CHARACTERISTICS
- Includes container certification for WLL and SF
- Forklift able from all sides
- 8 lifting points for safe overhead lifting with a crane or helicopter
- Complete with certified set of lift harness and shackles
- Fold down and removable side door
- Lockable aluminum lid
- Two screened air vents
- Secondary fluid storage containment
- PVC coated fabric replaceable inner liner w/ bungee cord tie downs.
- 2” bottom drain w/ male camlock