



ENCLOSED PILLOW TANK SHAPE LIFT BAG

The Enclosed Pillow Tank Shape Lift Bag (EPB Series) is a high-performance inflatable buoyancy unit designed for controlled lifting, stabilization, and transport of submerged objects. Engineered with durable oil and fuel-resistant polyester coated with urethane, this lift bag is ideal for salvage operations, marine construction, and underwater lifting applications.

KEY FEATURES & BENEFITS

- **Multiple Lift Points** – Offers versatile rigging options, including a single pick point in a vertical position or a single bottom pick point with a shackle, ensuring flexibility in lifting operations.
- **Automatic Pressure Relief** – Integrated four 2.5 PSI automatic relief valves to prevent overpressure, maintaining safety and stability.
- **Durable Fabric Construction** – Built from high-tenacity oil and fuel-resistant polyester with a urethane coating, ensuring high tear resistance and superior strength.
- **Secure Hold-Down System** – Equipped with certified polyester webbing straps with 5/8" safety shackles and anti-tangle & anti-collapse systems for added control.
- **Efficient Fill & Offload** – Features stainless steel 3/4" NPT ball valves with male and female camlocks for quick and secure connections.
- **Compact & Portable** – Optional PVC carry/storage bag with Velcro and buckle system allows for convenient transport and storage.

SPECIFICATIONS AND USES



ADDITIONAL FEATURES

- **Compliant with IMCA D-016 Rev.3 Guidelines** – Ensures safety and reliability in offshore and salvage operations.
- **Made in the USA** – Manufactured under ISO 9001:2015 standards for superior quality assurance.
- **Protective Pockets** – Encloses the webbing harness for added durability and protection.

IDEAL APPLICATIONS

- **Marine Salvage & Recovery** – Efficient lifting of submerged equipment and vessels.
- **Underwater Construction** – Provides controlled buoyancy for heavy objects.
- **Pipeline & Cable Operations** – Assists with secure flotation and installation.
- **Emergency Buoyancy Support** – Reliable solution for rapid-response salvage efforts.

TECHNICAL SPECIFICATIONS

Model	Lift Capacity	Length (m/inches)	Width (m/inches)	Weight (kg/lbs)	Fill / Offload Valves	Vent Valves
EPB-1	1,000 kg / 2,200 lbs	1.54m / 61"	1.42m / 56"	24kg / 52.8 lbs	1	4
EPB-2	2,000 kg / 4,400 lbs	1.93m / 76"	1.77m / 70"	32kg / 70.4 lbs	1	4
EPB-3	3,000 kg / 6,600 lbs	2.89m / 114"	1.95m / 77"	42kg / 92.4 lbs	1	4

MATERIAL CONSTRUCTION SPECIFICATIONS

Urethane Coated Type	Weight	Fabric Type	Fabric Properties	Tensile Strength	Tear Resistance
	g/m ²			N/5cm	N
	oz/yd ²			lbf/in	lbf
Oil & Fuel Resistant	950	Polyester	DIN EN ISO 1421-1	5,200 / 4,400	600 / 550
	28.0			584 / 494	134 / 124