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Professional Lift Bags

The Subsolve USA Professional Lift Bag began with a one-of-a-kind assignment from the US Navy to develop a floatation device that would dependably withstand particularly abusive conditions. Subsolve developed the 5-ton Deep Ocean Lift Bag which had unprecedented strength, low elasticity and superior resistance to abrasion and chemical attack. This bag is now our standard Professional Lift Bag design.

Our most versatile and easy-to-use lift bags.

These open-bottom, balloon-shaped bags with a single attachment point are easy to use in construction, heavy and light salvage, and many offshore tasks.

Provides maximum lifting capacity with the least total bag weight.

Manufactured from heavy-duty, ballistic-rated nylon fabric coated with urethane. This specially-coated fabric is:

- High strength
- Very resistant to abrasion
- Not affected by most petro-chemicals
- UV resistant

All *SUBSOLVE USA* Professional Lift Bags are equipped with easy-to-operate fill and dump valves on the top of the lift bag.

BELOW 2 TONS

- Has multiple nylon lift straps sewn directly to the bottom of the lift bag which bears the load and has a safe working ratio of 6:1.
- Fitted with *SUBSOLVE'S* Plunger Dump Valve, incorporating a lanyard and push knob operation as well as a 1 1/4" NPT inflation port.

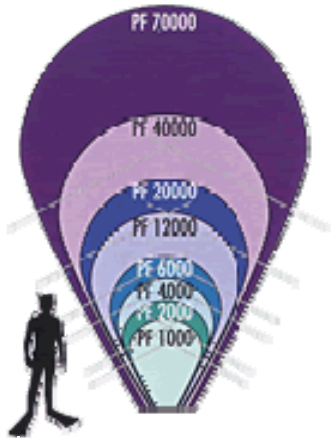
2 TONS AND OVER

- Designed with a replaceable heavy-duty nylon webbing lift harness fabricated into the skin of the bag which bears the load and has a safe working ratio of 6:1.
- Fitted with a 3/4" NPT inflation port and a 3/4" bronze ball valve for deflation.

Similar in shape to an inversed water droplet at the moment of breakaway, this unique design provides maximum lifting capacity with the least total bag weight. It also provides an even distribution of stress over the fabric surface.

Each bag leaves our manufacturing facility equipped with all necessary hardware and is ready for immediate use. Each *SUBSOLVE USA* Lift Bag is tested prior to shipping, and must meet rigorous U.S.

MODEL	LIFT CAPACITY	DIAMETER	OVERALL HEIGHT	PACKAGED CUBIC DIMENSION	WEIGHT
PF 70000	77,000 LBS 35,000	12' 0" 3.69 M	21' 6" 6.77 M	41" X 48" X 38" 1.05m X 1.23m x 0.97m	410lbs 186.9 kgs
PF 40000	44,000 lbs 20,000 kgs	10' 0" 3.07 m	16' 9" 6.16 m	41" x 48" x 24" 1.05m x 1.23m x .62m	325 lbs 147.7 kgs
PF 20000	22,000 lbs 10,000 kgs	7' 9" 2.38 m	12' 2" 4.10 m	41" x 48" x 18" 1.05m x 1.23m x .46m	190lbs 86.2 kgs
PF 12000	12,200 lbs 5,500 kgs	5' 10" 1.79 m	10' 10" 3.33 m	41" x 41" x 12" 1.05m x 1.05m x .31m	125 lbs 56.7 kgs
PF 6000	6,600 lbs 3,000 kgs	5' 1" 1.56 m	9' 0" 3.33 m	41" x 41" x 8" 1.05m x 1.05m x .21m	80 lbs 36.3 kgs
PF 4000	4,400 lbs 2,000 kgs	4' 6" 1.38 m	7' 10" 2.41 m	24" x 24" x 24" .62m x .62m x .62m	50 lbs 22.7 kgs
PF 2000	2,200 lbs 1,000 kgs	3' 8" 1.13 m	5' 3" 1.62 m	20" x 15" x 9.5" .51m x .38m x .29m	30 lbs 13.6 kgs
PF 1000	1,100 lbs 500 kgs	2' 11" 0.81 m	4' 8" 1.44 m	18" x 13" x 10" .46m x .33m x .26m	17 lbs 7.7 kgs



Professional 4000 Lift Bag