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More management less firefighting

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DOOWIN™ Total Enclosed Type Lift Bags

DooFlex™ Total Enclosed Type Lift Bags (Salvage Tube) is one kind effective alternative of Open Bottom Parachute type lifting bags. They can be used for supporting static loads in shallow water and on the surface, pontoons for bridges, floating platforms, dock gates and military equipment. Totally enclosed lifting bags offer an invaluable method of reducing the draught of vessel and lightening underwater structures. Then also provide an ideal form of buoyancy for cable or pipeline float-out operations and river crossings.

DooFlex Total Enclosed Type lift bags are cylindrical shaped units fabricated from heavy duty polyester cloth coated with PVC (Made in Germany), completely equipped including the appropriate quantity of automatic air relief valves, certified heavy duty load restrain harness of polyester webbing with shackles, and air inlet ball valves.

Features and Advantages:

- Made of heavy duty PVC coated polyester fabric (Made in Germany)
- All RF welded seams for strength and integrity
- Versatile and stable shape
- Fold compactly for easy efficient storage
- Certified polyester lift straps treaded with special coating
- ¾" BSP air inlet ball valves
- Webbing harness terminate with multiple lifting rings
- Automatic Pressure Relief Valves
- Design safety factor 6:1
- Complete with log book, certification and instructions
- Delivered ready for use
- Custom sizes and types are available



Application:

- Suitable for shallow water usage
- Suitable for long term use
- Military equipment
- Bridge supports
- Pontoons
- Marine Salvage and re-floatation
- Extra buoyancy for pipe and cable float out operations

Quality Guaranteed:

All DooFlex™ Total Enclosed Air Lift Bags are manufactured and tested comply with IMCA D016, Rev3-june 2007 Guidelines. Quality is approved by SGS & UKAS in accordance with ISO9001:2008.

Specification Light Duty Models:

| Model | Lift Capacity in Kg | Lift Capacity in LBS | Dimensions (in meter) diameter | Dimensions (in meter) Length | Pick Up Points | ¾" BSP Inlet valves | Appr. Packed size L | App. Packed size W | Appr. Packed size H | Weight KG |
|---------|---------------------|----------------------|--------------------------------|------------------------------|----------------|---------------------|---------------------|--------------------|---------------------|-----------|
| TP-50L | 50 | 110 | 0.30 | 0.60 | 2 | 1 | 0.60 | 0.30 | 0.20 | 5 |
| TP-100L | 100 | 220 | 0.40 | 0.90 | 2 | 1 | 0.65 | 0.30 | 0.25 | 6 |
| TP-250L | 250 | 550 | 0.70 | 1.10 | 2 | 1 | 0.70 | 0.35 | 0.30 | 8 |
| TP-500L | 500 | 1100 | 0.90 | 1.40 | 2 | 1 | 0.80 | 0.35 | 0.30 | 10 |
| TP-1L* | 1000 | 2200 | 1.00 | 1.80 | 2 | 2 | 1.20 | 0.40 | 0.35 | 12 |
| TP-2L* | 2000 | 4400 | 1.20 | 2.30 | 3 | 2 | 1.10 | 0.40 | 0.40 | 19 |
| TP-3L* | 3000 | 6600 | 1.4 | 2.50 | 3 | 2 | 1.20 | 0.50 | 0.45 | 34 |
| TP-5L* | 5000 | 11000 | 1.40 | 3.80 | 5 | 2 | 1.30 | 0.50 | 0.50 | 46 |

Specification Heavy Duty Models:

| Model | Lift Capacity in Kg | Lift Capacity in LBS | Dimensions (in meter) diameter | Dimensions (in meter) Length | Pick Up Points | ¾" BSP Inlet valves | Appr. Packed size L | App. Packed size W | Appr. Packed size H | Weight KG |
|-------|---------------------|----------------------|--------------------------------|------------------------------|----------------|---------------------|---------------------|--------------------|---------------------|-----------|
| TP-1 | 1000 | 2200 | 1.00 | 1.80 | 2 | 2 | 1.20 | 0.40 | 0.35 | 18 |
| TP-2 | 2000 | 4400 | 1.20 | 2.30 | 3 | 2 | 1.10 | 0.40 | 0.40 | 28 |
| TP-3 | 3000 | 6600 | 1.40 | 2.50 | 3 | 2 | 1.20 | 0.50 | 0.45 | 39 |
| TP-5 | 5000 | 11000 | 1.40 | 3.80 | 5 | 2 | 1.30 | 0.50 | 0.50 | 52 |
| TP-6 | 6000 | 13200 | 1.5 | 3.60 | 5 | 2 | 1.35 | 0.50 | 0.50 | 66 |
| TP-8 | 8000 | 17600 | 1.70 | 3.80 | 6 | 2 | 1.30 | 0.60 | 0.60 | 78 |
| TP-10 | 10000 | 22000 | 1.90 | 4.10 | 6 | 2 | 1.30 | 0.80 | 0.60 | 89 |
| TP-15 | 15000 | 33000 | 2.20 | 4.60 | 7 | 2 | 1.30 | 0.80 | 0.70 | 120 |
| TP-20 | 20000 | 44000 | 2.40 | 5.60 | 7 | 2 | 1.30 | 0.80 | 0.75 | 138 |
| TP-25 | 25000 | 55125 | 2.50 | 5.70 | 7 | 2 | 1.60 | 0.90 | 0.80 | 189 |
| TP-30 | 30000 | 66000 | 2.70 | 6.10 | 6 | 2 | 1.60 | 0.90 | 0.80 | 280 |
| TP-35 | 35000 | 77000 | 2.90 | 6.20 | 6 | 2 | 1.60 | 1.00 | 0.90 | 310 |
| TP-50 | 50000 | 110000 | 2.90 | 8.00 | 9 | 2 | 1.60 | 1.00 | 1.00 | 340 |

Note:

1. The different of light duty and heavy duty is the material.
2. Other sizes or type are available upon request.
3. Contact us to
4. get detailed technical datasheet.
5. Orange and Yellow colour is standard colour. Other colour available upon request.
6. The above specification only for information take practically as standard.



DOOWIN™ DooFlex™ Proven in Practice.

DooFlex™ heavy duty air inflated Underwater Air Lift Bags are used world-wide for raising sunken objects, vessel salvage, marine structure stabilization, underwater equipment transport, pipeline and equipment towing, and standby emergency buoyance.