

# Ubag C, Large Size Bags

## Ubag Subsea Construction and Support Bag System

Doc. No.: IN-UDE-180-DS-063, Rev. 01

The **Ubag Type C** includes the large size Ubags that are available in different sizes and weights. These are part of the Ubag system that includes Subsea Construction and Support Bags that can be used for a number of applications, and they are available in a variety of geometries, sizes, weights, and configurations, that are installed separately or in combinations.

geometry (i.e. cube, cylinder, other shape, and height/width). Typical sizes and dry weights are:

Ubag Type C	Length (m)	Width (m)	Height (m)	Dry Wgt. (kg)	Seawater Wgt. (kg)
Type C-2.5T	1.0	1.0	1.5	2500	1525
Type C-3.5T	1.7	1.7	0.75	3500	2135
Type C-8.5T	2.0	2.0	1.35	8500	5185



### Application & Particulars

- Applications for Ubags are stabilization, protection, construction, support, separation, weight or counterweight, levelling or levelling / free-span adjustment, rock dump stabilization or side support, landing support, scour protection or prevention.
- Deployed and installed without the use of lift spreader or frames.
- Filled with sand or gravel, the Ubags are less likely to damage subsea equipment in case of an accidental contact.
- When used as subsea weights they distribute the weight over a larger area and are less likely to sink into soft seabed. Moreover, when retrieved, there will be limited suction due to the permeable fabric.
- The tough Ubag fabric will withstand rough handling and impact with other objects without being tear open. Furthermore, the Ubag fabric accommodate sand erosion caused by seabed current considerable better than standard sandbags.
- In case of an intervention, the Ubag C can easily be lifted to the side, and thereby give required access to equipment.
- In case of future recovery, an ROV can cut the Ubag C open, and sand or gravel is thereby left on the seabed.

### Construction

- Made from high strength, tear and wear resistant three layer polypropylene laminated fabric. The fabric permits water and air to penetrate, not sand contained inside the bags.
- Provided with integrated and certified webbing sling for single point lifting.
- The Ubags are filled either with gravel, sand, standard big bags, or with standard 25kg sandbags.
- The bags are provided with heavy-duty industrial type zipper as the primary closing feature. Additionally they are provided with straps/loops for secondary closing.
- The larger Ubags include webbing /'belly' straps sewed onto the circumference of the bags at different elevations. In cases where the geometry / shape of the bag are 'critical', the inside walls of the bag are stiffened up with 38mm GRP gating.
- Unlimited surface / subsea lifetime provided that it is not exposed to UV radiation (i.e. sunlight) over a long period (1 year +).
- In general, the Ubags are sized to suit the client's requirements with respect to weight and

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