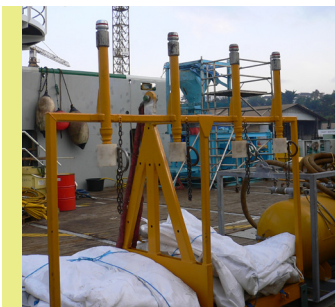


Monopile J-Tube grout bag



J-Tube grout bag



FoundOcean grout bag deployment sled

## GOOD TO KNOW

### Record holder

FoundOcean holds the record for the deepest deployed formworks at -1,244m off the Ivory Coast, Africa

### Why is a grout bag needed?

A pyramid shaped grout bag (also known as a fabric formwork) is often used to support the power cable(s) as it exits the J-Tube, below the transition piece. Multiple grout bags can be used when more than one cable requires supporting.

Grout bags can also be used for the following applications:

- To stabilise subsea structures
- Reduce localised scouring
- Support cables and structures
- Protect cables and subsea structures

### Material

A grout bag is a flexible shuttering constructed from woven fabric which is subsequently filled with cement grout once it has been placed in position. The final shape of the hardened grout is defined by the shape and design of the fabric formwork.

### Proven grout bag experience

With more than 30 years experience in grouting services, FoundOcean has the capability to provide a single-source for design, manufacture and installation of all types of grout bag. FoundOcean's extensive research has led to the development of a wide range of fully engineered and specially designed grout bags.

### Deployment

Grout bags are cost effective to manufacture, simple to deploy by ROV or diver (depending on the water depth), and can be filled rapidly with cement grout.

Our techniques for deploying grout bags by ROV have been successfully used at depths of -1,244m.