1 TONNE SUBSEA SAND-FILLED STABILISATION BULK BAG

1,000 kg Nominal Fill Weight | 2,000 kg Working Load Limit

Offshore-Grade Bulk Bag for Subsea Stabilisation, Ballast and Installation Support



CERTIFIED BAG SPECIFICATIONS	
Nominal Fill Weight	1,000 kg dry sand (application fill)
Safe Working Load (SWL)	2,000 kg
Safety Factor	5:1
FIBC Classification	Single trip - non-dangerous goods
Test Standard	AS 3668:2019
Dimensions (ID)	90 x 90 x 120 cm
Body Fabric	Circular white uncoated woven polypropylene, 230 GSM, 3% UV stabilised
Base Fabric	230 GSM woven polypropylene
Lifting Loops	4 x 30 cm black cross-corner lifting loops
Top / Bottom	Top duffle / bottom flat
Empty Bag Weight	3.45 kg
Certificate	IM202509#175 - expires Aug 2028

DOCUMENT CONTROL	
Document No.	OSP-DS-SUB-0001
Revision	Rev 2
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Prepared By	Oceanic Supply
Product Family	Subsea Stabilisation & Ballast

PRODUCT OVERVIEW

Oceanic Supply 1 tonne subsea sand-filled stabilisation bulk bags are intended for offshore and subsea applications where a reliable, high-strength ballast solution is required. Bags are filled with clean, dry sand to a nominal weight of 1,000 kg and use a lifting configuration rated to a 2,000 kg Working Load Limit (WLL) for controlled handling and deployment.

FEATURES

- 1,000 kg nominal sand fill weight for this application
- 2,000 kg certified safe working load (SWL), safety factor 5:1
- AS 3668:2019 tested single-trip FIBC for non-dangerous goods
- 230 GSM UV-stabilised woven polypropylene body and base fabric
- 4 x 30 cm black cross-corner lifting loops
- 90 x 90 x 120 cm internal dimensions
- Bulk supply capability for offshore construction campaigns

TYPICAL APPLICATIONS

- Pipeline stabilisation and seabed support
- Electrical Flying Leads (EFL) protection and stabilisation
- Subsea bollard / turning point for EFL and HFL laying
- Scour protection and mattress edge restraint
- Temporary offshore ballast
- Seabed levelling
- Offshore construction and installation support

IMPORTANT NOTES

- The certified bag SWL is 2,000 kg; the specified application fill remains 1,000 kg nominal dry sand.
- Inspect bags before use and do not use if damaged.
- Certificate IM202509#175 covers single-trip FIBCs of like design within the dimensional limits stated by the certificate; lifting and deployment remain subject to the approved project lift plan and procedures.

All information is provided as a general guide only. Specifications are subject to change without notice.

SELECTED TRACK RECORD - SUBSEA STABILISATION BAGS

Proven Supply Experience for Australian Offshore Energy Projects

Oceanic Supply has supplied offshore-grade subsea sandbags to multiple Australian offshore developments, supporting EFL stabilisation, seabed support, pipeline installation, subsea ballast and offshore construction activities.

Operator	Project	Scope of Supply	Application
Woodside Energy	Greater Enfield Development	Offshore-grade subsea sandbags	EFL stabilisation, seabed support and offshore installation works
Woodside Energy	Julimar Development Phase 3	Offshore-grade subsea sandbags	EFL stabilisation, seabed support and offshore installation works
Woodside Energy	Lambert West Development	Offshore-grade subsea sandbags	EFL stabilisation, seabed support and offshore installation works
Woodside Energy	Xena Development	Offshore-grade subsea sandbags	Subsea ballast and pipeline support operations
Beach Energy	Otway 5B Project	Offshore-grade subsea sandbags	Offshore pipeline installation and subsea construction support

CERTIFICATION & TEST SUMMARY

Test / Requirement	Certified / Tested Result
Top lift / cyclic test	PASS - cyclic load 4,094 kg for 30 cycles; peak load 10,058 kg
Stacking test	PASS - 4 x SWL combined stacking load; no leakage or splitting after 24 hours
Drop test	PASS - 2,000 kg dry-sand load; 600 mm drop height; no leakage
Certificate validity	Test Certificate IM202509#175; expiry August 2028

SUPPLY CAPABILITY

- Offshore-grade subsea sandbags and geotextile ballast bags
- Custom-sized ballast bags and project-specific fill weights
- High-strength lifting configurations
- Bulk supply for offshore campaigns
- Flexible sizing and lifting arrangements to suit project requirements

APPLICATION EXPERIENCE

- Pipeline stabilisation
- Electrical Flying Leads protection and stabilisation
- Subsea bollard / turning point for EFL and HFL laying
- Scour protection
- Mattress edge restraint
- Temporary offshore ballast
- Seabed levelling
- Offshore construction support

OCEANIC SUPPLY OFFSHORE EXPERIENCE
Oceanic Supply has a documented track record supplying subsea stabilisation bags for major Australian offshore energy developments. Product configuration can be tailored to project-specific sizing, lifting arrangements, filling requirements and installation methods.

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