**POLYETHYLENE BUOY GBM-2500**

**Diameter:** 2.5m  
**Volume:** 5.25m³  
**For semi-exposed sites**

With its modular design, the GBM-2500 can match various applications. The combination of its 3 main elements is custom-made according to site conditions and client requirements.

- 4 segments of float in virgin polyethylene, UV stabilised and precompoundd to reduce colour ageing, with standard wall thickness 10mm (higher available upon request), and expanded polystyrene (EPS) foaming
- High Visibility Polyethylene (HVPE) or Aluminium (ALU) spar
- Central structure in galvanized steel type standalone tube with a concrete ballast directly integrated and encapsulated in a polyethylene envelope (SATPE)

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**2 Types of spar, to offer enhanced visibility and match all focal plane requirements**

**2 Types of Spar**

- **HVPE (High Visibility PE)**
  - 2.7m high
- **Aluminium**
  - Adjustable from 2 to 3m to comply with focal plane requirements

**2.5M Diameter Float**

- 5.25m³ volume
- Filled with EPS foam

**Galvanized Steel Central Structure**

- SATPE: standalone tube with ballast integrated in PE envelope

**Additional Characteristics**

- Reserve buoyancy (m³): 4.2
- Focal plane (m): 2.7 to 4.3
- Draught (m): 1.2
- Overall height (m): 4.7 to 6.6
- Ballast (kg): 415
- Total weight (kg): Approx. 1,150
- Visibility (m²): 3.7 to 4.7
- Recommended mooring
  - Ø 30mm open link chain with bridle
- Recommended lantern
  - Self-contained LED lanterns or standalone lanterns with solar generator, with range from 3 to 7NM

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**The standalone tube enables the buoy standing upright in service yards or vessels.**