

 **OSCARPOOL**

**Ø2000**  
**POLYESTER**  
**SAND FILTER**

Technical Datasheet



# POLYESTER SAND FILTER

Ø 2000 Monoblock polyester and fiberglass body with polyester fiber reinforced sand filter.  
Tested at 4 bars pressure.

- Seals are EPDM, and bolts are STAINLESS.
- Suitable for use with seawater.
- Collector diffuser suitable for saltwater.
- Collector made of ABS, Ø40 internal-external threaded filters (pp).
- Loading access/manhole side Ø 395 mm.
- Cover made of fiberglass reinforced pp DN395.
- 0-6 bar Ø100 body PRESSURE GAUGE.
- Flange connections input-output:Ø 160
- Filter color: ral 575
- Quartz sand: 0,7-1,5 mm fine =1700 kg 1,5-3,0 medium=1300 kg 3,0-5,00 coarse=1000 kg
- Operating temperature: 45°C.
- Filtration area: 2,00 m<sup>2</sup>.
- Operating pressure: max recommended 2 kg/cm<sup>2</sup>.
- Filtered particle size: 0.7-5.0 mm.
- Filtration rate: 30 m<sup>3</sup>/sa/m<sup>2</sup>
- Flow rate:  
30 m<sup>3</sup>/sa/m<sup>2</sup> = 94 m<sup>3</sup>/h/m<sup>2</sup>,  
40 m<sup>3</sup>/sa/m<sup>2</sup> = 126 m<sup>3</sup>/h/m<sup>2</sup>,  
50 m<sup>3</sup>/sa/m<sup>2</sup> = 157 m<sup>3</sup>/h/m<sup>2</sup>

