

Oilblock Absorption Cartridge

Free and emulsified oil removal



OILBLOCK™ absorption cartridges are specifically manufactured for the high efficiency removal of free dispersed oils from water. Typical applications include bilge water treatment, contaminated surface run-off water and many other similar industrial process applications. The cartridges employ a proprietary modified polymer that both absorbs and chemically binds the hydrocarbon molecules into its interior matrices, the oil cannot be released once absorbed. Consequently these properties make Oilblock cartridges an effective absorbent for free emulsified and dissolved oils, synthetic lubricants, grease and a multitude of organic solvents.



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Benefits

- 99% removal of oils in a single pass.
- Cartridge blocks after saturation and no hydrocarbons bypass is possible.
- The adsorption capacity can be up to 4 times its own weight.
- No direct contact with saturated media during handling.
- Manufactured in own production facility.
- High flow rates.
- Specially designed for the offshore industry.
- Reliable and simple solution.
- Easy handling and operation.
- Fit into existing cartridge filter units.
- Manufacturing process eliminate voids in media and bypass issues.

Applications

- Mud pit cleaning
- Produced water
- Clean up of displacement
- Acid flow back
- Completion fluids
- Pipeline/ system purge/ hydro test discharges
- Ballast and bilge water
- Run-off water



ENGINEERING YOUR SUCCESS.

Oilblock Absorption Cartridge

SPECIFICATIONS

Materials of Construction

Type of Construction

- Integrally sealed, oilblock media supported by polypropylene construction.

Filter Media

- Oilblock™

Media Support Core

- Molded polypropylene

Media Support Cage and Thermally

Welded End Caps

- Molded polypropylene

Dimensions

Cartridge Outside Diameter

- 2.5" (64 mm)

Cartridge Inside Diameter

- 1.1" (28 mm)

Cartridge Length

- 40" (1005 mm)

Connection

- Type 222 (code 3)

Media Weight per Cartridge (40")

- 1.6 lbs (0,7 kg)

Filtration Rating

- - micron

Maximum Recommended Operating Conditions

Temperature

- 140°F (60°C)

Flow Rate

- 6.29 bbl/hr (1 m³/hr) per 40" length

pH Range

- 1 - 9

Recommended Operating Conditions

Required Pre-Filtration

- 25 micron, depth filter

Absorbtion Capacity

- Max. 2 kg of hydrocarbons per cartridge (40")

End Cap Configuration

222 O-rings & Flat End Cap



Ordering Information

TFOB

Nominal Length			End Cap Configuration		Flow Direction	
Code	Inch	mm	Code	Description	Code	Description
40	40	1005	2OF	222 O-ring/flat	RF	Radial flow
Others on request			Others on request			

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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