

## OILBLOCK

Twin Filter OilBlock™ absorption cartridges are specifically designed and manufactured for the high efficiency removal of free dispersed oils from water. The cartridges are being successfully applied in the oil and gas industry, bilge water treatment systems, contaminated surface water run-off and other industrial process applications. The OilBlock absorption cartridge is filled with a unique co-polymer. This element absorbs the hydrocarbons very fast and actual molecular bonds the oil. The water flows radial into the cartridge and the absorption media immediate encapsulate the oil and will in time solidifies. The OilBlock cartridge will fit into Twin Filter standard cartridge filter units.



The standard Oilblock cartridges will absorb 2ltr of oil before it reach its change out differential pressure of 2.5 bar. This unique cartridge blocks after saturating which is a very simple and effective indication for change out prevent any bypass of oil.

### BENEFITS

- 99% removal of all oils in one single pass
- Cartridge block after saturation, no pass of hydrocarbons possible
- Removal of all strong emulsified oil in a single pass
- The adsorption capacity is more than 2 times its own weight (up to 8 times)
- No release of absorbed hydrocarbons
- No direct contact with saturated media during handling
- High flow rates
- Reliable and simple solution
- Easy handling and operation
- Fit into existing cartridge filter units

### APPLICATIONS

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

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# OILBLOCK ABSORPTION CARTRIDGE

## TECHNICAL SPECIFICATIONS

Absorption media	Oilblock™
Absorption capacity media	2 kg of hydrocarbons per cartridge
Efficiency	> 99 %
Max. operating temperature	60 °C (140 °F )
Working pH range	pH 1 - 9
Weight of media per cartridge	0.5 kg (1.1 lbs)
Cartridge length	40 "
Cartridge diameter	2.5 "
Connection	Type '222' (code 3)
Cartridge construction material	Polypropylene (caps and outer Shell)
Max. recommended flow rate	500 ltr/hour / cartridge (2.2 GPM)
Required back pressure	Not required
Required pre-filtration	25 micron

Ordering code  
Part no.: TFOB 40-2OF/RF  
Filing rate media: 0.5 kg (1.1 lbs)

### Oilblock Installation

