



HYDROCARBON REMOVAL FILTER – HIGH FLOW

Preventing pollution on your site.

- Water remedial filter with smart polymer technology
- High flow performance
- Hydrocarbons captured and encapsulated in the smart polymer media
- Integral sediment capture to 150µm
- Retains 14 litres of hydrocarbons
- Prevents hydrocarbons/sediment from leaving the containment area
- Flow Rate 80 L/min
- Automatic system shut down at oil saturation point
- Easy clean out and low maintenance
- Highly effective alternative to oil discriminating pumps and oil water separators

FILTERS HYDROCARBONS ALLOWING SURFACE WATER TO DRAIN NATURALLY

HOW IT WORKS

Our Hydrocarbon Removal Filters (HRF) are designed to remove hydrocarbons and sediment contaminants from groundwater accumulation in bunded areas, outfalls or as part of any pollution prevention drainage solution on your site, where hydrocarbons risk entering the environment.

A variety of hydrocarbons can be captured, including dielectric fluids, oil, diesel and used motor oils. The contaminants are absorbed by the smart filtration technology which bond with the hydrocarbon molecules to efficiently encapsulate and solidify hydrocarbons internally in the cartridge. This allows filtered groundwater to pass unimpeded through the filter. The filtered water conforms to the EA PPG3 guidelines for discharge to surface drains, achieving a concentration of <5mg/litre of oil under standard test conditions.

When the filters start to reach their hydrocarbon absorption capacity the flow of groundwater will become increasingly restricted until the cartridge automatically shuts down. This prevents any polluted groundwater from leaving the containment area or entering the filter ensuring that no contaminants are introduced in to the environment, even if a catastrophic breach occurs. The hydrocarbons and sediment filters are conveniently enclosed within one filtration body eliminating the need for two individual filters to be connected in series.

SPECIFICATION:

CODE	PRODUCT	PRODUCT SIZE	FLOW RATE DATA	ABSORBENCY /CAPACITY
GRR 03 10 00 HRF	Hydrocarbon Removal Filter Type 3 Filter c/w 4" Camlock Fitting (HRF)	59.3cm x 28.4cm	80 L/min	14 L. Oil

