Polishing Filters

Allied Pumps Polishing Filters remove emulsified and dissolved oil and fuel from water, capturing what a conventional gravity separator cannot. The filter modules are hydrophobic, so clean water passes through unaffected and hydrocarbon bonds chemically and permanently to the filter. Filters work in conjunction with an Allied Pumps Coalescing Plate Separator to achieve optimum water quality.



PRODUCT SPECIFICATION

Model No.	Max Flow (L/min)
ACPF-15-C	1,500
ACPF-30-C	3,000
ACPF-60-C	6,000
ACPF-90-C	9,000



HOW IT WORKS

The filter modules are hydrophobic and have an indefinite shelf life. Clean water passes through without any effect, and the modules only become active when water contaminated with hydrocarbon comes into contact with the filter. The hydrocarbon then bonds chemically and permanently to the filter, so it cannot be released later. Because the modules remain inactive until hydrocarbon arrives, a filter can process storm water or clean bilge water without shortening its life, remaining as a sentinel awaiting contaminants.

KEY FEATURES

- Absorbs Up to Fifty Times Its Own Weight
- Hydrophobic, Rejects Water and Stays Light for Handling
- Will Not Desorb, Captured Oil Is Never Released
- Indefinite Shelf Life
- Only Becomes Active on Contact With Hydrocarbon
- Oil Response Products May Be Reused Until Saturated
- Made From Naturally Occurring Materials
- Very Small Carbon Footprint From Manufacture to Deployment

PRODUCT APPLICATIONS

- Locations Where Sewer Discharge Is Not an Option
- On-site Disposal Where Alternatives Are Required
- Wash Bay Reuse Systems
- Environmentally Sensitive Areas
- Storm Water and Clean Bilge Water Processing