

# OIL ABSORPTION

## INSERTS AND BOOMS

### OIL ABSORPTION INSERT

For processes requiring oil removal from a liquid stream, Allied Filter Systems has introduced the new Oil Absorption Insert.

The insert is simply positioned within a standard filter bag, which can be any single layered type selected in accordance with the particle retention needs of the process. Use of the insert requires no modification to the baskets of standard filter housings.

**The insert is available in size 1 or 2, and has a 100% polypropylene construction.**




It features a perforated central core to ensure that the liquid flow is split equally through the insert, and contains 0.38Kg (size 1) or 0.75Kg (size 2) of oil absorbent 'spaghetti' filter media. The size 1 insert can absorb over 5 litres of oil, whilst the size 2 insert can absorb more than 10 litres.

The 'spaghetti' media has a large surface area, so as well as providing a substantial oil absorption capacity, an excellent dirt holding capacity can also be achieved.

### OIL ABSORBENT BOOMS

Oil Absorbent Booms are manufactured from hydrophobic polypropylene microfibre, and are used to absorb silicones and hydrocarbons such as fuel oils, hydraulic oil, petrol, diesel, motor oil and aviation fuels. Booms are normally produced with ties to enable them to be suspended on the surface of a tank, and are manufactured under silicone free conditions.

**Example applications include:**

-  Hydrocarbon, fluorocarbon and silicone removal from electrocoat paints
-  Control, clean up and skimming of oil on water.
-  Contain and absorb industrial hydrocarbon spills on land.



**TO OPTIMISE PERFORMANCE, WE ALSO PROVIDE A STAINLESS STEEL 316L DEFLECTOR PLATE. THE NOZZLE CHANNELS THE PROCESS FLUID INTO THE CENTRAL CORE OF THE INSERT.**

