



**Oil Adsorbing Filter Cartridge**  
Designer-Manufacturer-Exporter-Supplier





### Oil Adsorbing Filter Cartridge

Oil adsorption filter cartridges have been specifically developed and manufactured for the high efficiency removal of dissolved & dispersed oils from water within the gas & oil production industries, marine bilge and ballast water treatment systems, contaminated surface water run off & other industrial process industries. Filter media of this cartridge is material containing modified cellulose. This filter media will remove upto 95% of total hydrocarbons from water in a single pass. Dissolved oil, emulsions & dispersed droplets are adsorbed and retained from water by filter media.

## Construction

Oil adsorbing filter cartridges are made by rolling the sheet material onto a central core support. The core & outer surface of filter media rolls are covered with retaining mesh. The complete module is then encapsulated in to end caps suitable for fitting into a variety of housing configurations.

## Features & Benefits

- Instantaneous adsorption. Better than activated carbon.
- High flow rates
- Removes dissolved and dispersed oils.
- High efficiency removal of oils
- Low pressure drop
- Media can hold oil upto 300 % of its own weight
- No release of removed hydrocarbon
- Typically, over 90% of total hydrocarbons are removed in a single pass through the cartridge with no release once adsorbed.
- Lower outlet levels of hydrocarbons can be achieved by connecting cartridges in series.
- Higher flow rates also can be achieved by connecting cartridges in parallel.

## Technical Specifications

- Standard Sizes : 10", 20", 30", 40" Long
- Micron Rating : 5, 10, 20 Micron
- Standard Outside Diameter : 70 mm, 110 mm
- Inner Diameter : 28 mm

## Configuration

- Double Open Type (DOE Type)

## Applications

- Gas and Oil facilities
- Leisure/Commercial Shipping Bilge Water
- Surface Water Run off (Truck Stops, Airports)
- Auto Service Stations\gate
- Machine Shops
- Industrial Processes
- Factories and Repair Shops
- Car and Truck Washes



## Filter Concept Pvt. Ltd.

(An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 Certified Company)

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