

Oil-Adsorbing 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.

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 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.

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.

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