

SUEZ EB series

hydrocarbon emulsion breaker filter cartridge

Water Technologies & Solutions fact sheet

description and use

SUEZ EB series filters are spun bound polypropylene cartridges infused with patented chemistry that increases the hydrophobic nature of the material rendering it highly oil absorbent and water repellent. SUEZ EB filters are engineered to break oil-in-water emulsions and remove hydrocarbons from water in a single pass. Hydrocarbons form a tenacious bond to SUEZ EB filter media surfaces throughout the depth of the filter to prevent the absorbed hydrocarbons from separating and re-emulsifying in filter housing process streams.

SUEZ EB filters have been designed to maximize effective contact area and minimize weight. SUEZ EB filters absorb any oil contacted with minimal water absorption, reducing disposal cost. Its surface contact area allows it to immediately absorb much more effectively than standard oil absorbing products.

SUEZ EB filters are designed for use in standard DOE (double open end) filter housings that are available in sizes varying from one cartridge to 54 cartridges.

benefits

- Instantly absorb contacted oil
- Triboelectrically inert and will not generate static charge
- Non-shredding, durable
- Environmentally safe
- Minimizes waste



available sizes

Filter	Size inch (cm)	Filters/Case	SAP P/N
SUEZ EB10-12	10 in.	12	3133704
SUEZ EB30-4	30 in.	4	3133705
SUEZ EB30-20	30 in.	20	3133711

technical data

Description	Measurement
Configuration	Absorbent filter cartridge
Filter lengths	10 & 30 inch (25.4 & 76.2 cm)
Filter diameter	2.5 inch (6.4 cm)
Nominal pore size	1 micron
Flow rates	Up to 5 gpm/10 inches (1.1 m ³ /h per 25.4 cm)
Oil Capacity	4 to 10 lbs. of oil per 1 lb. of media 1.8 to 4.5 kg of oil per 0.45 kg of media

materials absorbed

- Bilge water
- Naval bilge cocktail
- Emulsified oil streams
- Low level pesticides
- Low level BTEX
- Low level chlorinated solvents
- PAH removal
- MTBE
- Soap affected waste

packaging information

SUEZ EB filters are available in cartons.

storage and handling

Store in a dry, cool environment.

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