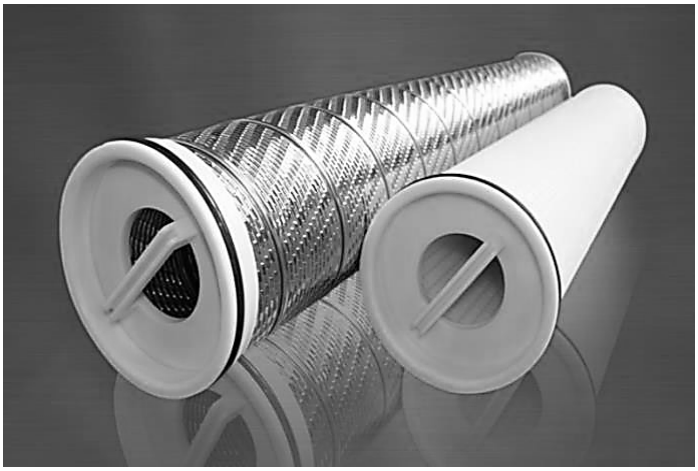
SPECIALIST SUPPLY SERVICES

OASISHF150

High Flow MEG Filtration Cartridge

Technical Data Sheet



- Designed for Oilfield & Industrial applications
- Polypropylene media offers wide chemical compatibility.
- Absolute rated solids removal efficiency.
- 100% thermally welded, no adhesives used.
- Consistent filtration performance with long service life.

Applications:

The OASISHF150 High Flow filter cartridge is designed for cost- effective, highly efficient particle filtration in high flow rate applications.

Design:

A high surface area cartridge that utilises pleated depth media in a deep pleat media pack with rigid pleat geometry. The cartridge element has a large diameter, single open end with an inside to outside flow pattern. The inner support core construction provides higher resistance to back pressure. The rigid pleat geometry provides long service life and low operating costs in a compact design.

Capacity:

Providing maximum efficiency and exceptionally high flow rate capabilities up to:

40” Cartridge	79.5 m3/hour	(350gpm)
60” and 80” Cartridge	113.5 m3/hour	(500gpm)

Materials:

Polypropylene pleated depth medias are the standard options, utilising a polypropylene outer cage, inner core and caps. OASISHF150 elements can also be manufactured with stainless steel outer cage and inner core with nylon end caps. These are suited for applications where higher temperature ratings are required. A Thermal welding process bonds all components, eliminating adhesives and extractables and optimising cartridge integrity.

Technical Specifications:

Core and Cap Materials:	Polypropylene as standard.
Filter Diameter:	6” (152mm).
Filter Length:	40” (1016mm), 60” (1524mm), 80” (2032mm).
Micron Ratings:	1 micron to 100 microns.
Filter Media:	Polypropylene
Removal Rating Efficiency:	99% (β100) - 99.98% (β5000).
Seal Material:	B-Buna, Np-Neoprene, E-EPDM, V-Viton, N-Nitrile.

Recommended Operating Conditions:

Temperature:	85^0C
Recommended Flow Rate:	40”= 350gpm 60”/80"= 500gpm
Recommended Change out Pressure:	45psid.

Don’t compromise on service life and operating costs, contact your local supplier for an economic solution for your existing and future project requirements.

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