

Memsep Filtration Resin Bonded Media Filters



MemKlean is a rigid, graded-density filter cartridge constructed primarily of cellulose fibres, and a tough, chemically resistant thermosetting melamine resin. The proprietary manufacturing process results in more fibres towards the centre core region, creating a graded-density structure.

The thermosetting resin "bonds" the fibres by cross-linking the resin and cellulose resulting into a permanent rigid matrix. MemKlean cartridges are grooved to significantly increase the surface area and extend the service life.

MemKlean filter cartridges are manufactured and tested to deliver quality, consistency, and absolute cost effective filtration performance. Memsep Filtration in-process quality assurance provides the control that results in consistent cartridges with defined ratings

Features

- Graded Density
- Hardened Rigid Filter - Not Elastic
- Wide Chemical Compatibility
- Working Temperature upto 110°C Continuous (Steam Sterilisable @ 3kg/cm², 120°C) For Cellulose Melamine and Acrylic Phenolic its upto 150°C
- Available with End Caps (SOE) Code 7, Code 0 and Others
- Proven Eco Friendly Material
- Absolute Elements are Available

Advantages

- High Dirt Holding Capacity Resulting in Long Life
- Eliminates Particle Unloading
- Universal Element for Variety of Applications
- Makes It Suitable for Wide Range of Applications
- Same MOC can be used in Standard and Critical Applications
- Easy for Disposal
- Higher Efficiency

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Specifications

MOC	Resin Bonded Cellulose Melamine (CM) Resin Bonded Acrylic Phenolic (AP)
Key Features	Graded Density, Rigid, No Particle Unloading
Micron Rating	0.2, 0.4, 1, 2, 3, 5, 10, 15, 25, 50, 75 and 100
End Connection	DOE, SOE
Standard Lengths	4", 5", 10", 20", 30" & 40"
Special Features	High Efficiency, Very High Dirt Holding Capacity, Absolute Rating Available
Standard Size	63/28, 70/28, 50/25, 110/28, 110/40mm (Special Sizes Available)
FDA Compatible	CM (IP 1996 Page 98) Oral & Injectable

Benefits

- Lower Cost of Operation & Higher ROI
- Consistent Performance for The Entire Life Of the Element
- Inventory Reduction & Higher ROI
- Reduced Inventory & Costs
- End Caps Ensures 100% Sealing
- Practically ZERO Disposal Costs (Can Be Incinerated)
*applicable for Cellulose Melamine
- High Quality at Low Cost

Consistent Performance

Rigid structure MemKlean provides consistent performance. Unlike many competitors, MemKlean filter cartridges do not unload or lose filtration efficiency throughout its usable life. Rigid, graded density & grooved structure, provides a significant life advantage over the competition.

Memsep Filtration Ltd provides quality solutions for the most challenging filtration applications. Memsep filtration systems include clarifying filters, pre-filters, final filters, stainless steel housings and engineered skid-mounted systems designed and sized for specific applications.

For various industries disposal of solid is a very critical and essential issue. MemKlean cartridges are made of cellulose so it is very easy to dispose by incineration, it does not create any harmful gaseous product such as in the case of polypropylene.

To overcome all these disadvantages Memsep is offering MemKlean filter elements so as to get consistent quality and higher dirt holding capacity at the same quality throughout the service life of cartridge.