

Phenolic resin cartridges for high temperature, high flow rate filtration of high viscosity and solvent-based materials

MBFQ PHENOLIC RESIN FILTER CARTRIDGES

PHENOLIC RESIN FILTER CARTRIDGES FOR HIGH TEMPERATURE, LOW DIFFERENTIAL PRESSURE, HIGH FLOW FILTRATION OF HIGH VISCOSITY AND SOLVENT-BASED MATERIALS

Cobetter™ MBFQ Phenolic Resin Filter Cartridges are constructed of micro fiber phenolic resin through a special process to deliver high solvent resistance, high temperature resistance, high flow rate, low pressure differential an long service life. The filters are ideal for use with high viscosity liquids, and solvent-based materials, at high temperatures.

FEATURE	BENEFIT
Pheno-formaldehyde resin fiber media	<p>Low differential pressure media with a large diameter cartridge making it suitable for high liquid flow</p> <p>Ideal for high flow and high temperature applications. Excellent performance with solvent-based liquids, high-viscosity liquids, and liquids at high temperatures.</p> <p>Media shows no deformation under high temperature and high pressure operating conditions.</p>
Interweave, graduated pore-size construction	The unique interweave density control process delivers an extremely high-porosity media, with large pore size on the upstream and a smaller pore size on the downstream, enabling lower pressure drop while delivering higher contaminant-holding capacity.
Groove construction	Unique construction process including grooving on its surface increases filtration area impurity removal capacity.
Quality Assurance	Manufactured in a facility which adheres to ISO 9001 Practices.

SPECIFICATIONS

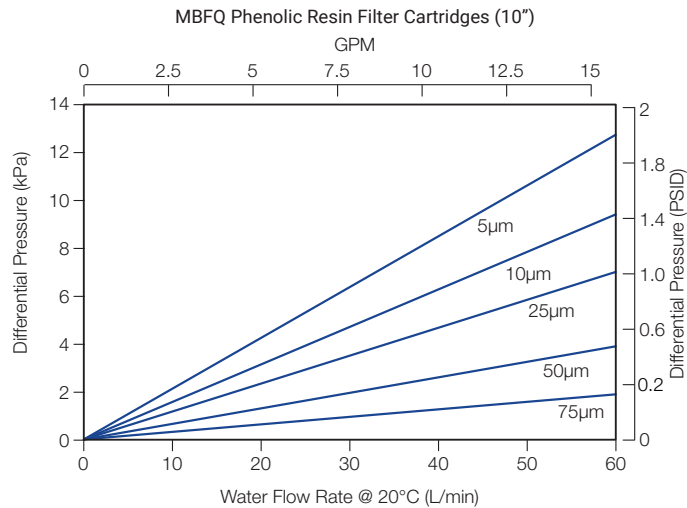
Filter Element	Phenolic Resin Fiber
Diameter	Outer: 64 mm (2.5") Inner: 30 mm (1.6")
Max. Temperature	150°C
Max. Differential Pressure	0.6 MPa (6 bar, 87 psi) at 21°C



Typical Applications

- Solvent-based liquids
- High-viscosity liquids
- Midstream Gas and Oil Filtration
- Refineries
- Pre-filtration and Polishing in the Manufacturing Industry

FLOW RATES



ORDERING INFORMATION

EXAMPLE: **MBFQ2500N30N** = MBFQ phenolic resin, 25 µm, no end cap, 30" length, with no seal material, filter cartridge

MBFQ



Removal Rating

0500 = 5.0 µm
1000 = 10 µm
2500 = 25 µm
5000 = 50 µm
7500 = 75 µm



End Cap

N = None
(standard)



Nominal Length

10 = 10"
20 = 20"
30 = 30"



Seal Material

N = None



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