



BM- Depth filter cartridge, absolute



BM-Depth filter cartridge made of ultrafine PP-Bi-component-fibers

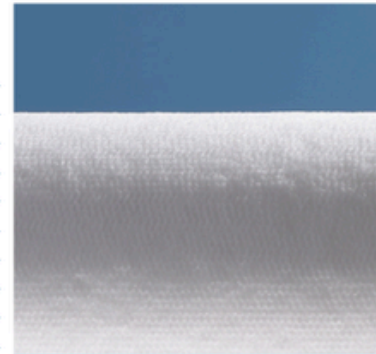
The BM-Depth filter cartridge consists of 100% ultrafine Polypropylene-Bi-component-fibers which are thermally bonded together at their cross points. The attained ultra pure and exceptionally compact filter matrix assures a repetitious and absolute accuracy of filtration characteristics for top quality applications. The BM-filter cartridge is a typical depth filter with an absolute and graded density pore structure and finer filter ration from the outside to the inside. The stable depth filter structure assures secure particle retention over the whole life time even at high ranges of differential pressure

BM- Depth filter cartridge, absolute

NEW

Technical data

Filter medium:	100% ultrafine Polypropylene-Bi-componenten-fiber
Core support:	-
Adapter and end caps:	Polypropylene
Filter rating:	1 - 15 µm, absolute
Temperature:	max. 80°C
Differential pressure:	max. 5.5 bar at 20°C max. 2.5 bar at 80°C
	Recommended filter exchange at 1,5 bar
Dimensions:	Internal diameter 29 mm External diameter 67 mm Lengths 4 7/8" - 40"

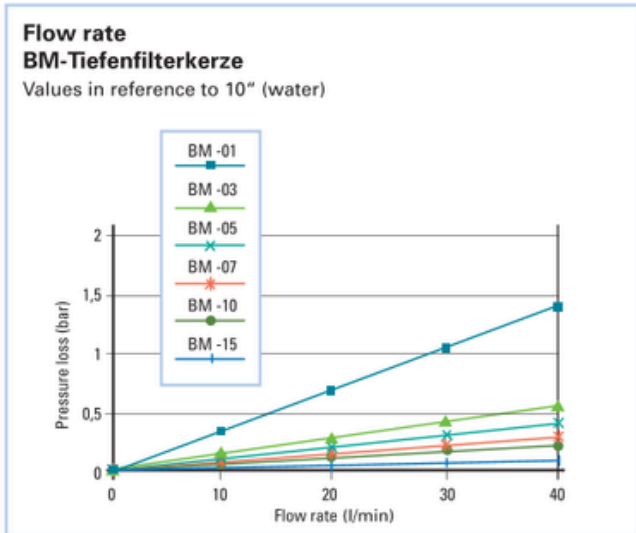


Applications

- Varnishes, paints and inks
- Fine chemicals
- Solvents
- Acids and lyes
- Cosmetics
- Ultrapure water
- Food and beverages

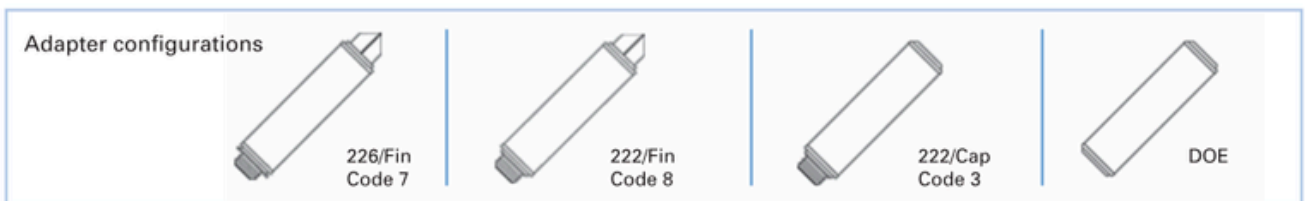
Features and Benefits

- Absolute rating
- Compact filter matrix due to ultrafine PP-Bi-component-fibers
- Fibers bonded thermally at the cross points
- From outside to inside graded density pore structure
- No loss of fibers
- No use of binding agents
- Wide chemical compatibility
- Stable particle retention efficiency even at high ranges of differential pressure
- FDA-compliant
- Food contact declaration
- RoHS-Declaration



Efficiency (%)

	0.5µm	1µm	2µm	3µm	4µm	5µm	6µm	7µm	8µm	10µm	12µm	15µm
BM-01	95.0	99.9>										
BM-03		82.3	99.3	99.9>								
BM-05			85.1	95.4	99.0	99.9>						
BM-07			78.6	88.6	95.7	98.7	99.6	99.9>				
BM-10						76.5	85.6	93.5	97.5	99.9>		
BM-15									70.5	90.1	97.6	99.9>



Order information

BM	-01	-248	-0		
BM-Filter cartridge	Filter ration in µm	Lenght in mm (inch)		Sealing compound	Adapter
	-01:	1 µm	124 mm 4 7/8"	0: PE-gasket	- : DOE without adapter
	-03:	3 µm	127 mm 5"		-3: 222/Cap
	-05:	5 µm	248 mm 9¾"	E: EPDM	-8: 222/Fin
	-07:	7 µm	254 mm 10"	V: FKM	-7: 226/Fin
	-10:	10 µm	496 mm 19½"	S: Silicone	
	-15:	15 µm	508 mm 20"	F: Viton-FEP-encapsulated	
			744 mm 29¼"		
		762 mm 30"			
		992 mm 39"			
		1016 mm 40"			