



Filter Polypropylene Absolute BM

Material of Construction & Regulatory Compliance:

- * **Polypropylene**
Complies with CFR21 FDA regulations.
- * **Finer micron ratings**
Extends range to utilising further developments in Envirogen Group fibre technology.
- * **Continuously varying ultra fine denier polypropylene bicomponent fibres**
Produce a graded porosity structure to reduce blinding by spreading different particle sizes throughout the media depth and thus extend service life.
- * **No spin finish**
Is adhered to the fibre surface during the fabrication of cartridges thus ensuring no roaming.
- * **Eliminates media insert & delamination**
Filter micron ratings can be achieved using glass fibre or other media inserts or layers to reduce the pore rating. This can cause delamination and failure under differential pressure or aggressive solvents and short life and blockage of the insert material but not with BM FILTERS.

Grade	Absolute µm 99.9%	Specific Pressure Drop (mbar/lpm/ cP/250mm)	Specific Pressure Drop (psid/gpm/ cP/10")
BM-01	1	36.67	2.012
BM-03	3	16.00	0.878
BM-05	5	10.67	0.585
BM-07	7	6.67	0.366
BM-10	10	5.00	0.274
BM-15	15	3.33	0.183



Maximum Differential Pressure at 20°C (68°F): 5.5 bard (80 psid)
Maximum Operating Temperature: 80°C (175°F)

FILTER ORDERING GUIDE

Cartridge Code	Nominal Micron Rating (µm)		Adaptor	Seal	Inside Diameter mm (in)	Outside Diameter mm (in)	Length mm (in)	
BM	01	(1)	G Gasket DOE E3 Code 3 M3 Code 0 E7 Code 7 M8 Code 8	DOE only	DOE 29 (1.14")	DOE 67 (2.64")	248	(9¾")
	03	(3)		0 PE Foam			250	(9,8")
	05	(5)		SOE only			254	(10")
	07	(7)		1 NBR Rubber			496	(19¾")
	10	(10)		2 Silicone Rubber			500	(19,7")
	15	(15)		3 Fluoro Rubber			508	(20")
				4 Fluoro-Polymer			743	(29¾")
				5 EPT Rubber			750	(29,5")
							762	(30")
							992	(39¾")
			1000	(39,4")				
			1016	(40")				

Typical Applications:

- * Paints
- * Coatings
- * Optical Market Resins
- * Spray
- * Chemical
- * Food & Beverage :Beer, Wine, Juices, Drinking Water

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UK Office:

Envirogen Group
Unit 14a Bromyard Road
Trading Estate
Bromyard Road, Ledbury
Herefordshire HR8 1NS
Tel: +44 (0) 1531 636328
E: info@envirogengroup.com
www.envirogengroup.com



Italian Office:

Envirogen Group Italy S.p.A
Viale De GASPERI,88/B
20017 Mazzo di Rho Milano
Tel: +39 (0)2 93959.1
E: info.it@envirogengroup.com
www.envirogengroup.com



USA Office:

Envirogen Technologies
Two Kingwood Place
700 Rockemad Dr. Suite 105
Kingwood, TX 7739
Tel: +1 877.312.8950
E: info@envirogen.com
www.envirogen.com