

The Carbonit® Monoblock Filter Cartridges are ideally suited for filtering out potentially harmful substances in drinking water systems. The filter cartridges with a filtering fineness of 0.45 µm are the ones in standard use in this area, due to their outstanding hygienic characteristics. Even in cases of high levels of drinking water contamination due to Escherichia coli and/or Enterococcus faecalis, these bacteria are kept safely filtered out. The average service life time is 6 months.

Filtering of contaminants at 0.45 µm filter fineness

Parameters	Reduction	Certifying Authorities
Escherichia coli ¹	> 99.9 %	GFT/University of Bielefeld
Enterococcus faecalis ¹	> 99.9 %	
Lead ²	> 90 %	TÜV Environment
Copper ²	> 90 %	
Chlorine ²	> 99 %	
Chloroform (CKW) ²	> 99.9 %	titi Magdeburg GmbH / FH Magdeburg
Lindane ²	> 99.8 %	
DDT ²	> 99.8 %	
Atrazine ²	> 99.8 %	
Medical residues ²		Technical University of Berlin
Clofibrinic acid	> 99.9 %	
Carbamazepine	> 99.9 %	
Diclofenac	> 99.5 %	
Ibuprofen	> 99.9 %	
Ketoprofen	> 99.9 %	
Propiphenazone	> 99.9 %	
Polar pesticides ²		
Bentazone	> 99.9 %	
2.4 D	> 99.9 %	
Dichlorprop.	> 99.9 %	
MCPA	> 99.9 %	
Mecoprop.	> 99.9 %	
p.p'-DDA	> 99.5 %	

¹ Test with load during 6-month period of use
² Test with load for filter capacity of 10,000 liters

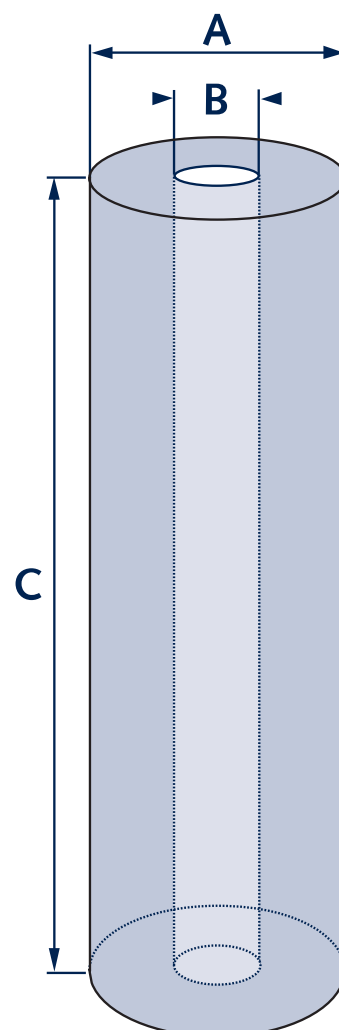


Carbonit® Monoblock filter cartridges are available in different versions and dimensions for use in a multitude of applications.

Available filter fineness	Blank cartridge dimensions					
	Blank type	A	B	Dimensions in mm ¹		Product Code
0.45 µm						
1.0 µm						
2.0 µm	W46	45.5	12	max.265	–	RFP***
5.0 µm	W60/15	59.5	15	max.236	max.20"	NFP
8.0 µm						
10 µm	W60/31	59.5	31	max.236	max.20" max.40"	IFP AFP
15 µm						
20 µm	W75	74	20	max.234	max.30"	WFP
(absolute)	S80	79	20	max.234	max.30"	SFP

1) without end caps and gaskets *) single-part **) multi-part, glued ***) or SMN

The blanks are manufactured with standard caps or with customized solutions (i.e. code 7 or 9). The outfitting of the cartridges with fleece and net is done according to your specifications. Variations of the sizes of the blanks (A, B, C*, C**) are possible as soon as tools are made available for this purpose. Special solutions are possible after arrangement



FILTERS FROM CARBONIT: SAFE AND ECONOMICAL