

MAHLE

Industry

Filter cartridge
amaCarb AN-B

1. Introduction

The general purpose of filtering with activated carbon cartridges is to remove taste, odour and unwanted colour from water and other liquids, air and gases. The amaCarb AN-B and AS-B filter cartridge are an activated carbon impregnated cellulose filter cartridges. The filter media is wound on a polypropylene core. The polyester inner sleeve and the outer netting provide for additional strength. The amaCarb AN-B and AS-B are excellent cartridges to reduce chlorine, taste, odour, colour and organics in water and are an economical alternative to granular activated carbon cartridges.



2. Features

- Activated carbon impregnated cellulose
- Reduces chlorine, taste, odour, colour, organics and oil vapour
- 5 and 1 micron nominal particulate filtration
- Plastic materials according to FDA requirements

3. Product/Performance specifications

Filter medium	: activated carbon impregnated cellulose	Maximum operating temperature	: 50 °C for AN-B 60 °C for AS-B
Netting	: polyethylene		
Inner sleeve	: cellulose polyester (AN-B) polyester (AS-B)	Recommended flow rate	: 225 l/h per 10" cartridge
Outer sleeve	: polypropylene		
End caps	: vinyl plasticol (AN-B) polypropylene (AS-B)	<i>Chlorine reduction</i>	
Gaskets	: Buna-N	10" AN-B cartridge	: > 9.5 m ³ at a flow rate of 225 l/h
		20" AN-B cartridge	: > 19 m ³ at a flow rate of 450 l/h
		10" AS-B cartridge	: > 19 m ³ at a flow rate of 225 l/h
Micron rating	: 1 micron for AS-B 5 micron for AN-B		
		Chlorine reduction data is for	2 ppm free chlorine to < 0.5 ppm
<i>Dimensions</i>			
External diameter	: 64 mm for AN-B 67 mm for AS-B		
Length	: see ordering information		

Food safety

The plastic materials of the filter cartridges comply with the FDA 21CFR177 requirements for the use in food and beverage applications.

Pre-rinse

Before filtration, the cartridges should be flushed for 5 minutes to remove all traces of carbon fines.

4. Ordering code

amaCarb type	Length [inch]
AN-B-9.75U	9.75 (248 mm)
AN-B-20-U	20 (508 mm)
AS-B-9.75-U	9.75 (248 mm)
AS-B-10-U	10 (254 mm)

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