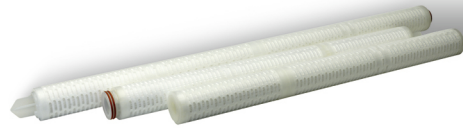


Filter cartridge amaGuard EP

1. Introduction

The amaGuard EP absolute rated pleated polypropylene filter cartridges are the result of years of experience in manufacturing filter cartridges. Because of the state of the art technology used in manufacturing the filter cartridges, the amaGuard EP offers you highly effective surface filtration at a very competitive price.



2. Features

- High quality non-woven meltblown polypropylene filter material
- Wide chemical compatibility
- > 99.9% efficiency from 1 to 80 micron
- Length available from 10 to 40 inch (others on request)
- Filter media meet the EU and FDA requirements for use in food and beverage applications

4. Product/Performance specifications

Filter medium	: polypropylene
Support medium	: polypropylene
Hardware	: polypropylene (centre core, end caps and outer cage) stainless steel (304) core optional
End cap seal	: thermally bonded
Gaskets/O-rings	: EPDM, silicone, Viton® (food grade), Buna-N (non food grade), other materials on request
Dimensions	
External diameter	: 67 mm
Length	: see ordering information
Filtration area	: 0.55 m ² /10" cartridge
Maximum recommended differential pressure	: 2 bar
Maximum operating temperature	: 65 °C (polypropylene core) 80 °C (stainless steel core)
Box quantity	: 20 cartridges/box

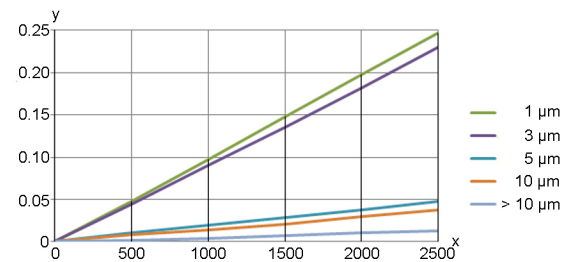
3. Food safety

Food safety

The filter cartridges comply with the EU regulation 1935/2004 and FDA 21CFR177 requirements for the use in food and beverage applications.

Hot water sanitisation with max. 80 °C

5. Water flow rate for 10" cartridge



x = Flow rate [l/h]

y = Clean pressure drop [bar]

6. Ordering code

Ordering code						
Type						
amaGuard EP						
Micron rating						
	1					
	3					
	5					
	10					
	20					
	30					
	50					
	80					
Nominal length [inch]						
	10	(250 mm)				
	20	(500 mm)				
	30	(750 mm)				
	40	(1000 mm)				
Hardware material						
	U	polypropylene (core PP, end caps PP, outer cage hard PP)				
	A	stainless steel 304 (core 304, end caps PP, outer cage hard PP)				
Cartridge style						
	X3	SOE with external 222 O-rings - only with polypropylene end caps				
	X4	DOE with flat gaskets				
	X6	SOE with flat end, bayonet and external 226 O-rings				
	X7	SOE with fin end, bayonet and external 226 O-Rings - only with polypropylene end caps				
	X8	SOE with fin end and external 222 O-Rings - only with polypropylene end caps				
O-Ring material						
	S	Silicone				
	V	Viton®				
	N	Buna-N				
	E	EPDM				
	T	PTFE encapsulated silicone (SOE)/PTFE (DOE)				
Packaging						
	1PK	single packed in PE sleeve (standard)				
	1PKC	single packed in PE sleeve and box				
amaGuard EP	01-	20	U-	X3	S-	1PK ordering example

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