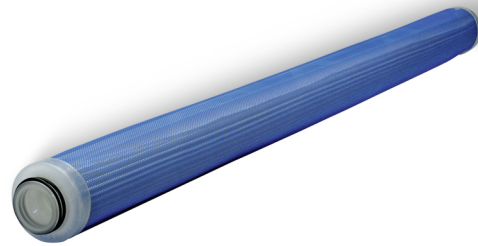


Filter Cartridge amaGuard FP

1. Introduction

The amaGuard FP is a glass fibre pleated filter cartridge. This filter cartridge uses a high quality microfibre glass filter medium, creating a high performance filter cartridge. The unique design and filter media ensures a high flow, low pressure drops and high dirt load capacity, resulting in economic filtration during its long service life. The amaGuard FP range of filter cartridges have been designed to work at a maximum temperature of 65 °C and at a maximum recommended differential pressure of 2.5 bar. The filter media has been specifically designed and optimised to provide a high dirt holding capacity to enable longer service life with low differential pressure drops. The amaGuard FP range of filter cartridges offer the ideal solution for pre and final filtration of a wide variety of process fluids, giving a long service life at a cost effective level.



2. Features

- High capacities at low pressure drops
- Rated at 90% efficiency
- Colour coded polypropylene netting for easy micron rating identification
- Broad chemical compatibility

3. Colour coding

Colour coding for PP Netting

Yellow	: 0.45 micron
Blue	: 3 micron
Red	: 10 micron

4. Product/Performance specifications

Filter medium	: microfibre glass
Support medium	: polyester
Hardware	: polypropylene
Outer cage	: polypropylene netting
End cap seal	: thermally bonded
Gaskets/O-rings	: Buna-N (standard), EPDM, silicone, Viton®

Dimensions

External diameter	: 67 mm
Length	: See ordering information
Maximum recommended differential pressure	: 2.5 bar
Max operating temp.	: 65 °C
Box quantity	: 24 cartridges/box

5. Water flow rate for 10" cartridge

x=Flow rate
y=Clean pressure drop

6. Ordering code

Example

<i>amaGuard FP</i>	03 -	40	U -	X3	S
Cartridge type	Micron rating [µm]	Nominal length [inch]	Hardware material	Cartridge style	O-Ring material
	0.45	10 (254 mm)	U=polypropylene (PP core and outer netting)	X3	N=Buna-N (standard)
	3	20 (508 mm)	A = Stainless steel 304	X4	V=Viton®
	10	30 (762 mm)		X8	E=EPDM
		40 (1016 mm)			S=Silicone

X3=SOE with external 222 O-rings, X4=DOE with flat gaskets, X8=SOE with fin end and external 222 O-Rings

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