

amaGuard FP filter cartridges

The amaGuard FP is a glass fibre pleated filter cartridge from amafiltergroup. 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 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.

Features

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

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), silicone



Dimensions

External diameter : 66 mm
 Length : 40"

Maximum recommended differential pressure
 2.5 bar

Colour coding for PP netting

Green : 0.2 micron
 Yellow : 0.45 micron
 White : 1 micron
 Blue : 3 micron

Nominal and absolute particle retention [μm]		
Cartridge type	90%	$\geq 99.9\%$
FP0.2	0.20	1
FP0.45	0.45	2
FP1	1	4
FP3	3	10

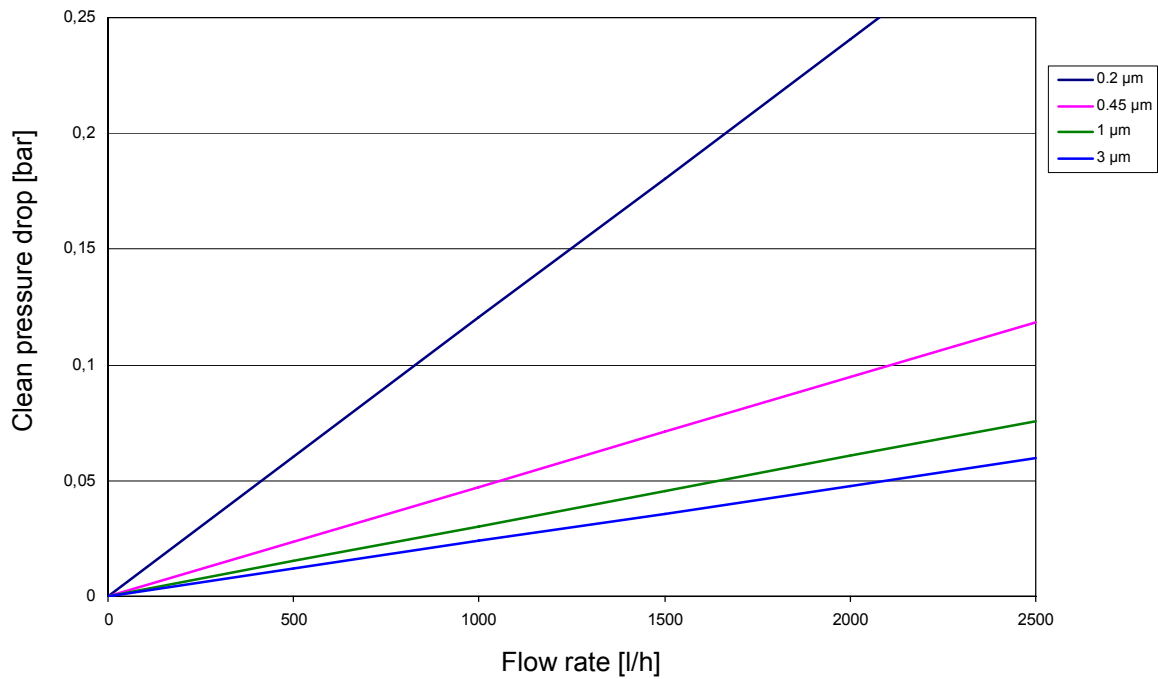
amafiltergroup and CSS approach

amafiltergroup is serving the industry on a world wide basis with **Consumables**, **Services** and **Systems**. We can offer a wide range of filtration solutions, making the amafiltergroup approach very flexible, thus enabling us to meet the customer requirements precisely.



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Water flow rate for 10" cartridge



Ordering code

amaGuard FP	3	40	U	X3	S
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amafiltergroup cartridge type amaGuard FP		Gasket / O-ring material N = Buna-N (standard) S = silicone
Micron ratings [μm] 0.2, 0.45, 1, 3		Cartridge style X3 = SOE with external 222 O-rings
Nominal length [inch] 40 (1016 mm)		
Hardware material U = polypropylene (PP core and outer netting)		