

acuraPromelt

Absolute PP Depth Filter Cartridge (99.9%)

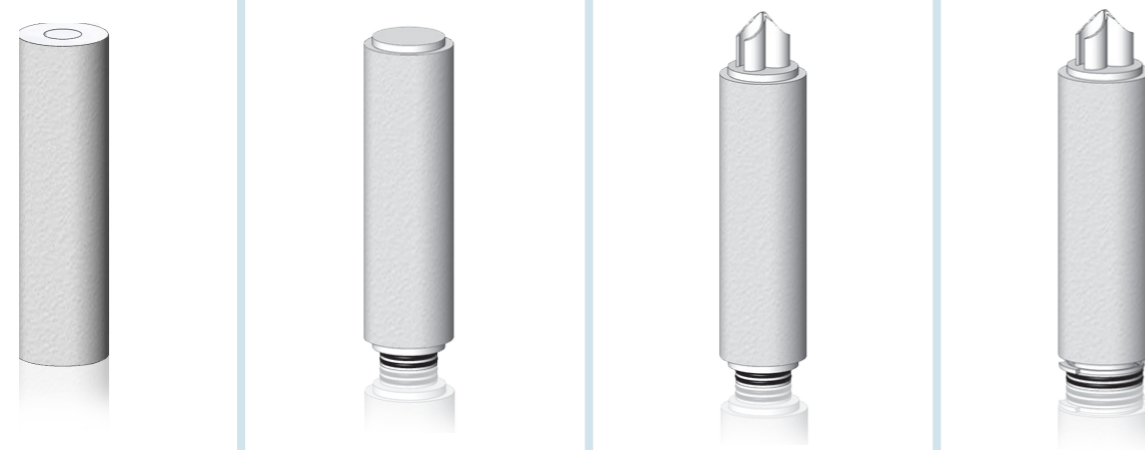
High efficiency
**particulate
removal** from water,
chemicals, inks,
paints, oils and
beverages

acuraPromelt filter cartridges are constructed from 100% Polypropylene and provide absolute particulate retention (99.9% removal) at their rated pore size.

These cartridges provide exceptional value for applications where long life, low pressure drop and high efficiency is required.

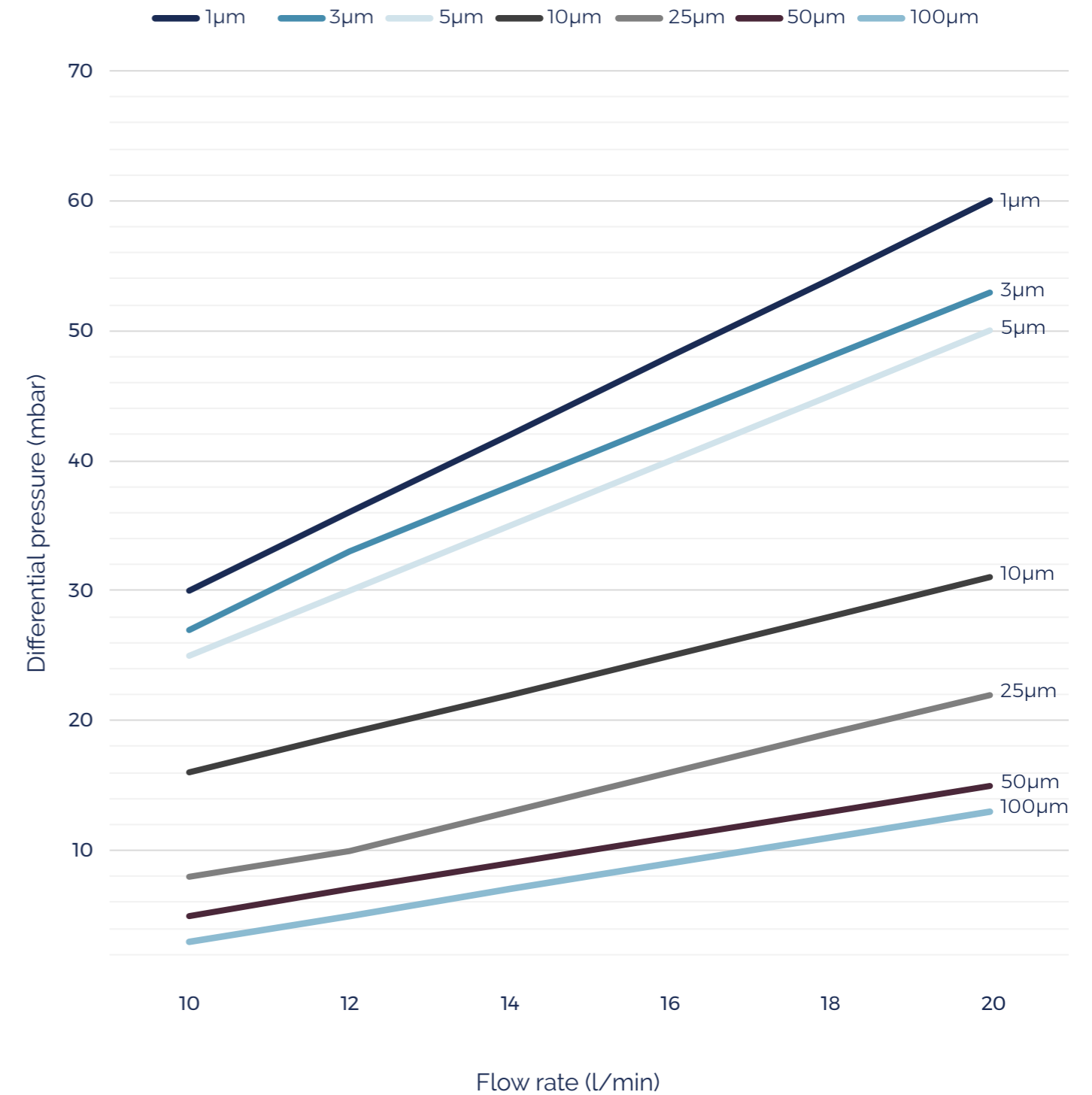


Features	
Media	100% Polypropylene, glue and binder free.
Removal rating	Absolute retention from 1 to 100 µm. (Beta Ratio = 1000)
Efficiency	99.9%.
Construction	Graded density for progressive dirt removal. Heat treated to prevent fibre release.
Cost saving	Low clean differential pressure, long service life and reduced change-outs.
Process compatibility	100% PP construction provides excellent chemical and thermal compatibility.
Environmental impact	Environmentally friendly, all spent cartridges can be readily incinerated to trace ash.
Applications	Water, waste water, potable water, paints, inks, acids, cosmetics, beverages.
Specifications	
Micron ratings	1, 3, 5, 10, 25, 50, 75, 100µm
Lengths	4 7/8", 9 7/8", 10", 20", 30", 40"
Internal diameter	28mm (1.1")
Outside diameter	63mm (2.48")
Construction	
Media	Polypropylene
End caps	Polypropylene
Gaskets & O-Rings	NBR, EPDM, Viton, PTFE, FEP encapsulated Viton, MVQ
Operating Temperature	
Maximum continuous	80°C
Maximum Differential Pressure	
Normal Flow direction at:	
20°C	4.2 bar
80°C	1.2 bar
Recommended Changeout Differential Pressure	
Differential Pressure	1.5 - 2.0 bar @ 30°C
Material Compliance	
Material compliance	NSF42
	FDA CFR Title 21
End Caps	



DOE Code 3 Code 8 Code 7

Clean water flow rates for a 10" acuraPromelt filter cartridge*



*Lab test data. Please contact for specific application questions.

1-Model	Product Description
APM	acuraPromelt
2-Code	Length
04	4 7/8"
09	9 7/8"
10	10"
20	20"
30	30"
40	40"
3-Code	Material
P	Polypropylene
4-Code	Class
1	Promelt β = 1000
5-Code	End caps
F1	DOE
F2	Code 3
F3	Code 8
F5	Code 7

6-Code	Seal
A	No Seal (DOE)
N	NBR
E	EPDM
F	FPM (Viton)
P	PTFE
S	FEP/FPM
Q	MVQ
7-Code	Micron rating
001	1 μ m
003	3
005	5
010	10
025	25
050	50
075	75
100	100

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