

Filter cartridge – Proxis T

INTRODUCTION

The Proxis T cartridge is an all polypropylene depth cartridge. The unique, one-step melt blown process is used to create a graded density which improves flow characteristics and increases dirt holding capacity when compared to other polypropylene cartridges. The process thermally bonds the fibres together virtually eliminating media migration. Thermal bonding also eliminates the need for a separate centre core, providing both high collapse strength and enabling easy disposal through incineration.

FEATURES

- Gradient pore structure
- All polypropylene material
- Excellent chemical compatibility
- Nominal rated from 0.5 to 150 micron
- Low pressure drops
- No fibre migration
- High solid loading capability
- FDA listed material
- Rigid structure

FOOD SAFETY

Food safety

The filter cartridges comply with the requirements of the 'Food and Drug Administration (FDA)' title 21 of the "Code of Federal Regulations" 177.1520.

Bio safety

The components of the filter cartridges (excl. O-rings and gaskets) pass the USP Biological Reactivity and Chemical-Physical tests for CLASS VI plastics.



Extractable substances

The cartridges are free of surfactants, lubricants, anti-static agents, binders and adhesives

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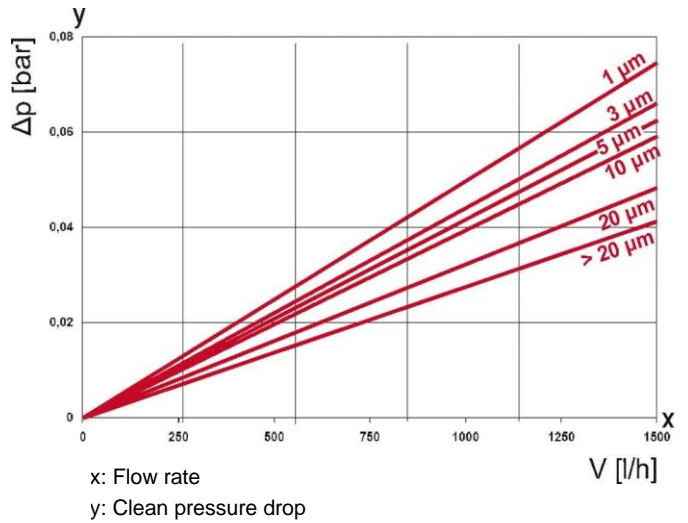
PRODUCT PERFORMANCE/SPECIFICATIONS

Filter medium : polypropylene
 Hardware : polypropylene
 Centre core : internally extruded centre core
 End cap seal : thermally bonded
 Gaskets/O-rings : silicone, EPDM, Buna-N, Viton®,

Dimensions
 External diameter: 64 mm
 Length: see ordering information

Maximum recommended differential pressure
 2.4 bar

Maximum operating temperature
 80°C



ORDERING INFORMATION

Name	Micron Rating	Outer Cage	Length (inches)	End Cap #1	End Cap #2	O-Rings	Special
PRM	0.5T	X-None	9.75 (248 mm)	X- None	X- None	E - EDPM	BB- Big Blue
	1T	R-Net	10 (254 mm)	C3	C3	S-Silicone	
	3T	G-Cage	19.5 (495 mm)	C4	C4	V-Viton	
	5T		20 (508 mm)	C7	C7	N-Buna N	
	10T		29.25 (743 mm)	C8	C8	T - PTFE	
	25T		30 (762 mm)				
	40T		39 (991 mm)				
	75T		40 (1016 mm)				
	100T		<i>Other lengths on request</i>				
	150T						

C3 = SOE with external 222 O-rings, C4=DOE with flat gaskets, C7=SOE with fin end, bayonet and external 226 O-Rings, C8=SOE with fin end and external 222 O-Rings, C9=DOE with polyethylene soft gaskets