

PLEATED POLYPROPYLENE FILTER CARTRIDGE PPC-B SERIES



FEATURES & BENEFITS

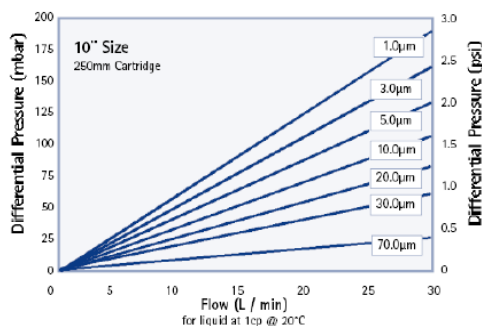
- Removal ratings from 1.0 to 100 micron
- Beta 5000 (99.98% efficiency)
- Polypropylene, polyester or glass media
- High surface area, up to 0.5m²/10"
- Full range of bonded end caps available
- Low pressure drop
- Long life, high dirt holding capacity
- No fibre migration
- Fully welded, no glues or resins
- Materials conform with 21 CFR part 177
- Conwed rigid outer sleeve
- Lengths 4.7/8" to 40"
- Available with nylon centre core and Endcaps

Pleated polypropylene filter cartridges are cost effective, Beta 5000 absolute rated pleated filters, available with polypropylene, polyester or glass media. The fully welded construction grade filters makes them particularly suitable for chemical, process and high purity water filtration applications.

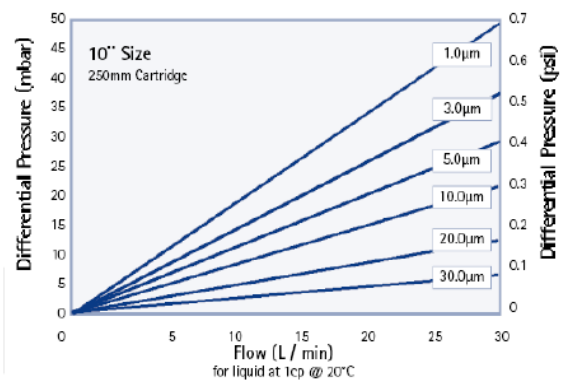
RECOMMENDED OPERATING CONDITIONS

- **Maximum ΔP:**
4 bar @20°C
1.2 bar @65°C
- **Recommended ΔP:**
2 bar @20°C
- **Maximum continuous operating temp:**
65°C with polypropylene centre core
- **Maximum continuous operating temp:**
95°C with SS centre core

Polypropylene



Glass Fibre





Flow rates shown are for a 10" filter cartridge and water based fluids at 1 CPS. For liquids other than water the flow rate can be multiplied by the conversion factor shown below

Viscosity (CPS)	1	100	200	400	600	800	1000	1500	2000	4000	6000	8000	10000
Conversion Factor	1	.85	.58	.35	.25	.17	.16	.11	.08	.05	.035	.026	.021

NOMENCLATURE INFORMATION

Code	Micron rating	Grade	Length	End cap	Gasket
PPC-B	01=1 micron	PP/GF	9.7/8"	A =Open	E=EPDM
	05=5 micron		10"	3 = cod. 3	B=Nitrile
	10=10 micron		20"	7 = cod. 7 fin	S=Silicone
	20= 20 micron		30"	8 =cod. 8	T=FEP
	50= 50 micron		40"	X =speciale	V=Viton
	70= 70 micron		(Other lengths available)		
	99=100 micron				

Example: PPC-B-05-10-PP-AE

OD = 68mm, ID = 25mm (+/- 0.5mm)