

Tec - Pleat GP Pleated polypropylene

Tec-Pleat GP filter cartridges are cost effective, Beta 5000 absolute rated pleated polypropylene filters. They are fully welded construction, containing no resins, binders or adhesives which makes them particularly suitable for chemical, food & drink, and high purity water filtration applications where chemical compatibility and minimal levels of extractables are crucial.



Features & Benefits

- Removal ratings from 0.5 to 100 micron
- Beta 5000 (99.98% efficiency)
- Available in 64mm and 67mm diameter
- One piece construction up to 40"
- Fully welded construction
- Extruded PP outer sleeve
- High surface area, up to 0.4 -0.6m²/10"
- Full range of bonded end caps available
- Low pressure drop
- Long life, high dirt holding capacity
- No fibre migration
- Materials conform with FDA 21 CFR part 177
- Available with SS centre core for high temp applications

Recommended Operating Conditions

- Maximum ΔP :
PP core 4.0 bar @ 20°C
PP core 1.2 bar @ 65°C
- Recommended change out:
PP core 2 bar ΔP @ 20°C
- Maximum continuous operating temp:
80°C

Maximum recommended service life 12 months

The combination of high surface area and the use of high porosity meltblown polypropylene filter media means that Tec Pleat GP pleated filter cartridges have very low initial differential pressures at high flow rates, and substantially increased service life compared to alternative, low surface area products.

A comprehensive range of thermally welded endcaps are available to suit most existing installations.

Prosep Filter Systems Ltd
Unit G19, River Bank Way,
Lowfields Business Park,
Elland, West Yorkshire
HX5 9DN

Phone: 01422 377367
email: sales@prosep.co.uk
www.prosep.co.uk



for all your filter requirements

Tec-Pleat GP Pleated polypropylene

Dimensions

OD 63 or 67mm
ID 27mm
Lengths 4 7/8" to 40"

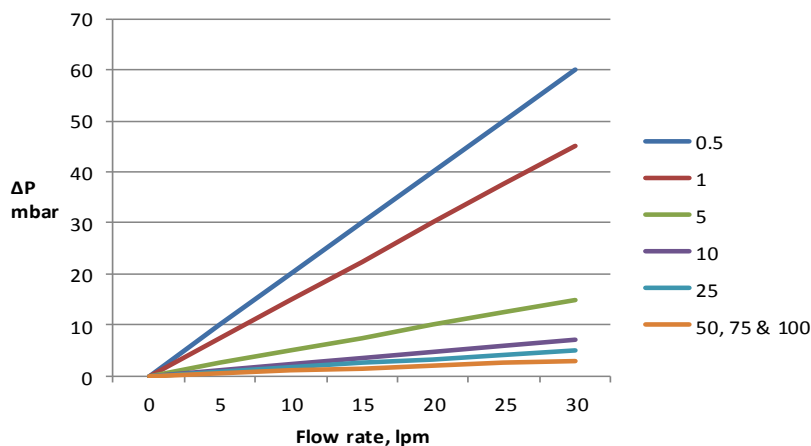
Sterilisation and sanitation

Steam: 10 cycles @ 121°C for 15 minutes

Hot water: 90°C for 30 minutes



Flow rates for water , 10" element



Flow rates shown are for a 10" filter cartridge and water based fluids at 1 CPS.

For liquids other than water please contact Prosep Filter Systems Ltd

	Micron ***	Length **	End Cap **	Gasket *	Special *
TPGP	A5 = 0.5 001 = 1 005 = 5 010 = 10 020 = 20 030 = 30 050 = 50	4 = 4.8" 9 = 9.8" 10 = 10" 20 = 20" 30 = 30" 40 = 40"	DO = DOE TC = 222/flat TF = 222/fin SC = 226/flat SF = 226/fin CG = 213/recess AZ = 224 style	E = EPDM N = Nitrile S = Silicone T = FEP V = Viton	No Code = Standard S = SS Insert F = Preflush

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