

Tec-Pleat PG Pleated Glass Fibre Filter Cartridge

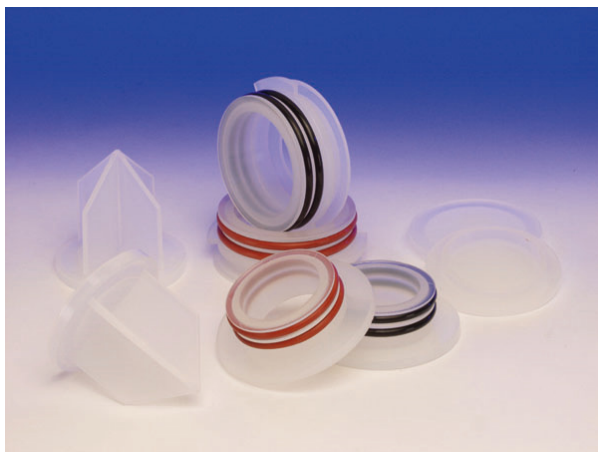
Tec-Pleat PG filter cartridges are absolute rated, pleated glass fibre depth filters, they are equally suitable for use as membrane pre-filters or final polishing filters in applications that do not require membrane filtration.

Tec-Pleat PG filter cartridges are absolute rated, tested to Beta 5000 using the industry standard OSU-F2 test procedure with AC Fine or Coarse test dust as appropriate.

The exceptionally high void volume of glass fibre filter media, especially in comparison with meltblown polypropylene alternatives, results in very low pressure drops and high dirt holding capacity.

Manufactured from Thermal bonded construction eliminates the requirement for adhesives, maintaining product integrity in demanding applications and minimising the level of extractables in the filtrate.

Tec-Pleat PG filter cartridges are available in a wide range of length and endcap configurations to retrofit most industry standard applications.



Tec-Pleat PG Features & Benefits

- Hydrophilic media, wets easily.
- Inherent positive charge enhances the ability to capture negatively charged particulates such as bacteria and a variety of colloidal materials.
- Exceptionally high void volume in comparison to meltblown polypropylene media, resulting in low pressure drops and high dirt holding capacity.
- Absolute micron ratings ensure consistent, repeatable performance.
- Large surface area ensures low initial pressure drops and high dirt holding capacity, for extended service life.
- Modular construction, cartridges can be quickly assembled to any length and end cap configuration greatly reducing lead times.

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 PG

Pleated Glass Fibre Filter Cartridge

Technical Data

Dimensions

Outside Diameter: 69mm
 Inside Diameter: up to 32mm
 Lengths: 5" to 70"

Sanitisation

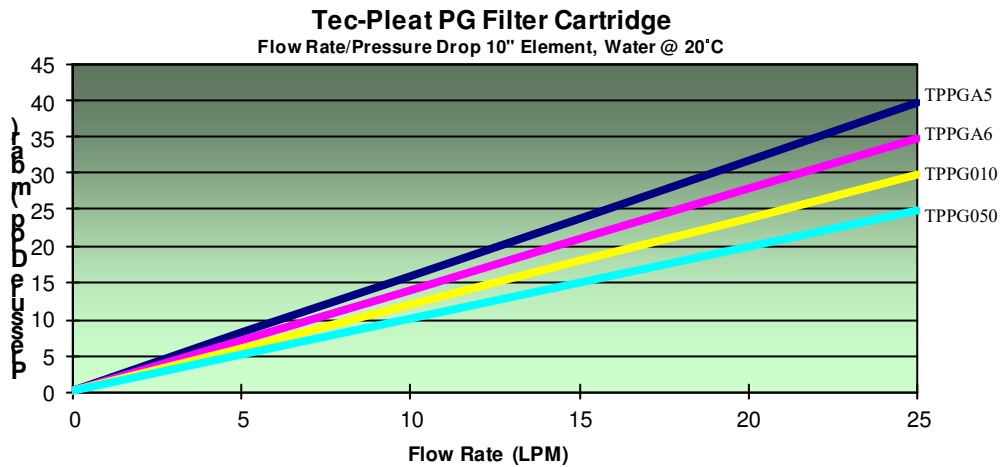
Hot Water Sanitisation: 90°C for 30 minutes repeatedly

Operating Conditions

Recommended Maximum ΔP
 Forward Flow
 4 bar @ 20°C
 2 bar @ 80°C
 1 bar @ 80°C
 Reverse Flow
 3 bar @ 20°C

Materials of Construction

Filter Medium: Borosilicate glass fibre
 Drainage layers: Polyester
 Inner Core: Polypropylene
 Outer Core: Polypropylene
 End Caps: Polypropylene
 Gaskets & O-rings: Various, see below



Part Numbers				
Code	Micron rating	Length	End cap	Gasket
TPPG	A5 = 0.5 micron	4 7/8	DO = DOE	E = EPDM
	A6 = 0.6 micron	9.7/8	TC = 222/flat	N = Nitrile
	001 = 1 micron	10	TF = 222/fin	S = Silicone
	005 = 5 micron	20	SC = 226/flat	T = FEP
	010 = 10 micron	30	SF = 226/fin	V = Viton
	020 = 20 micron	40	CG = 213 recess	
	030 = 30 micron		AZ = 224 style	
	050 = 50 micron			

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