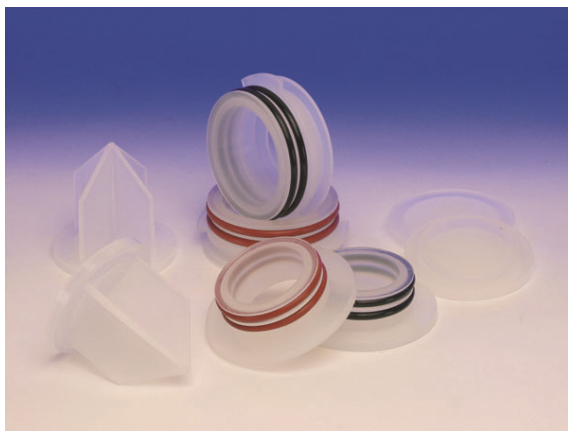


## Tec - Pleat DP Pleated Polypropylene

**Tec-Pleat DP** filter cartridges are absolute rated, pleated polypropylene depth filters. Incorporating up to 8 separate filtration layers with progressively finer ratings, Tec-Pleat DP filter cartridges are particularly suitable for the filtration of fluids containing a wide range of particle sizes. The coarse outer pre-filter media layers remove contaminant that would foul a traditional pleated filter cartridge, whilst the finer inner media layers ensure that the stated filtration efficiency is achieved.

Tec-Pleat DP 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. Manufactured from 100% polypropylene filter media and hardware. These filter cartridges have excellent chemical compatibility. 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 DP filter cartridges are available in a wide range of length and endcap configurations to retrofit most industry standard applications.



### Tec-Pleat DP Features & Benefits

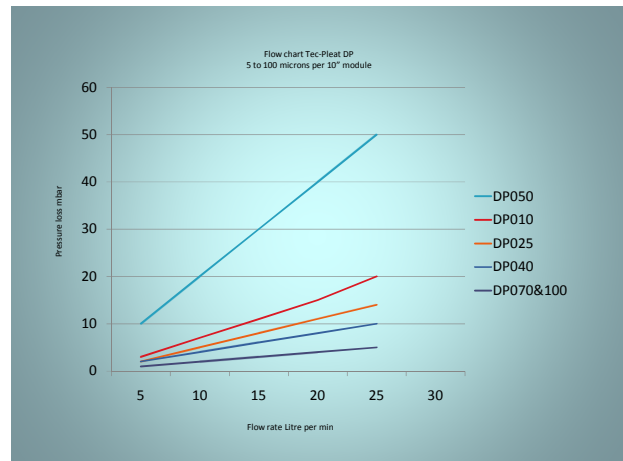
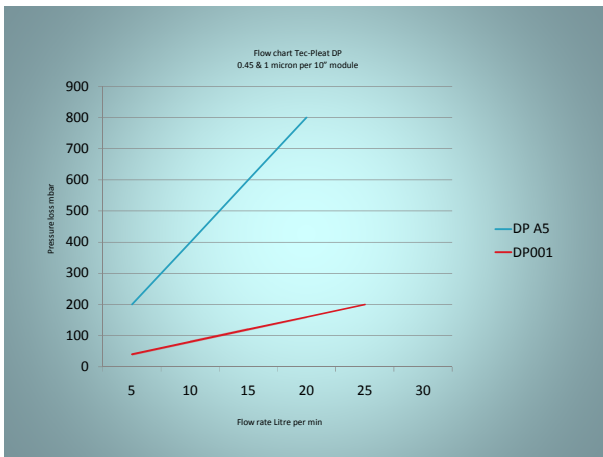
- Beta 5000 absolute micron ratings ensure consistent, repeatable performance.
- Graded depth construction with up to 8 separate media layers gives true depth filtration.
- Particularly suitable for the filtration of fluids with contaminants in a wide range of particle sizes.
- Very resistant to fouling and surface loading.
- Ideal for removal of gel particles from process fluids.
- 100% Polypropylene construction and thermal bonding mean wide chemical compatibility and minimum levels of extractables.
- Modular construction, cartridges can be quickly assembled to any length and end cap configuration greatly reducing lead times.

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## Tec - Pleat DP Pleated Polypropylene

Technical Data	
<p><b>Dimensions</b></p> <p>Outside Diameter: 69mm</p> <p>Inside Diameter: up to 32mm</p> <p>Lengths: 5" to 70"</p>	<p><b>Sanitisation</b></p> <p>Hot Water : 90°C for 30 minutes repeatedly</p>
<p><b>Operating Conditions</b></p> <p>Recommended Maximum ΔP</p> <p>Forward Flow 4 bar @ 20°C</p> <p>2.8 bar @ 65°C</p> <p>1 bar @ 80°C</p> <p>Reverse Flow 3 bar @ 20°</p>	<p><b>Materials of Construction</b></p> <p>Filter Medium: Polypropylene</p> <p>Drainage layers: Polypropylene</p> <p>Inner Core: Polypropylene</p> <p>Outer Core: Polypropylene</p> <p>End Caps: Polypropylene</p> <p>Gaskets &amp; O-rings: Various, see below</p>



	Micron		Length		End Cap		Gasket		Special
	***		**		**		*		*
<b>TPDP</b>	A5 = 0.45		4 = 4.8"		DO = DOE		E = EPDM		No Code = Standard
	001 = 1		9 = 9.8		TC = 222/flat		N = Nitrile		S = SS Insert
	005 = 5		10 = 10"		TF = 222/fin		S = Silicone		F = Preflush
	010 = 10		20 = 20"		SC = 226/flat		T = FEP		
	025 = 25		30 = 30"		SF = 226/fin		V = Viton		
	040 = 40		40 = 40"		CG = 213/recess				
	070 = 70				AZ = 224 style				
	100 = 100								

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