

## Tec-Spun HS High Strength Polypropylene Filter Cartridge

**Tec-Spun** meltblown polypropylene filter cartridges are available in E, N, HE, HS and A grades.

**Tec-Spun HS** is a High Strength, nominally rated filter cartridge with 2 layer graded depth filtration, particularly suitable for the filtration of viscous fluids. The thermally bonded structure remains integral under high pressure, resisting carry over of contaminants even under severe operating conditions.

100% Polypropylene construction with no additives or adhesives mean that **Tec-Spun HS** filter cartridges meet FDA requirements for food and beverage contact, and ensure compatibility with most chemical processes.

Standard size elements are available from 4 7/8" to 50" long and can be supplied with a full range of thermally welded end caps.



# PROSEP

FILTER SYSTEMS LTD



### Tec-Spun Features & Benefits

- High Strength construction with thermally bonded fibres, suitable for high differential pressures and resistant to contaminant carry over in severe operating conditions.
- 100% Polypropylene construction, minimal extractables and broad chemical compatibility.
- Contains no resins, binders or adhesives, materials conform to 21 CFR part 177.
- Graded density, true depth filtration giving high dirt holding capacity and long service life.
- Full range of thermally welded end caps, retrofits available for most applications.

### Recommended Operating Conditions

Recommended $\Delta P$ @ 20°C	2 bar
Maximum $\Delta P$ @ 20°C	4.2 bar

### Dimensions

Outside Diameter:	63mm
Inside Diameter:	28mm
Length:	125-1270mm

**Prosep Filter Systems Ltd**

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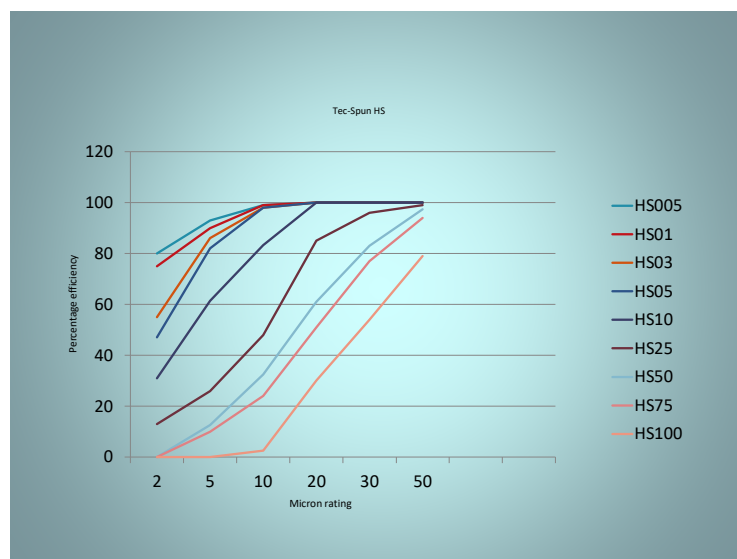
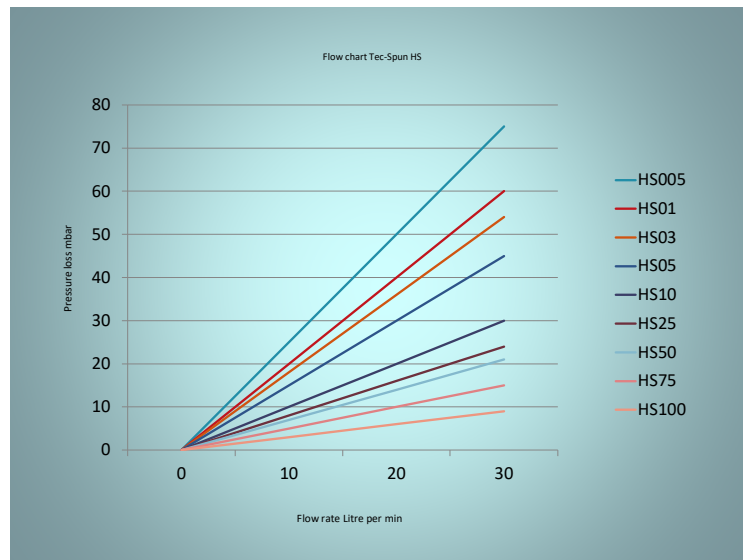
[www.prosep.co.uk](http://www.prosep.co.uk)



for all your filter requirements

Tec-Spun HS  
High Strength Polypropylene Spun Bond

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Code	Micron rating	Length	End cap	Gasket
HS	A5 = 0.5 micron	4 = 4 7/8"	Blank = Plain	E = EPDM
	001 = 1 micron	9 = 9.7/8"	A = Open	N = Nitrile
	005 = 5 micron	10 = 10"	TC = 222/flat	S = Silicone
	010 = 10 micron	20 = 20"	TF = 222/fin	T = FEP
	025 = 25 micron	30 = 30"	SC = 226/flat	V = Viton
	050 = 50 micron	40 = 40"	SF= 226/fin	
	075 = 75 micron	50 = 50"	S= Spring	
	100 = 100 micron		I = Foam	
			Z = 224	

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