

WOUND DEPTH CARTRIDGES



SUPAWIND depth filter cartridges are manufactured from high quality yarn wound continuously around a cylindrical support core. The wind pattern is designed to create tapered spiral passageways and, during manufacture, fibres are combed across these passageways and locked into place by successive layers. The passageways, being tapered, provide finer filtration towards the centre of the cartridge.

The traditional wound construction of the **SUPAWIND** provides inherent strength, is not easily punctured and is capable of withstanding severe operating conditions. Solid matter in the liquid is removed by impingement entrapment in this highly efficient filter media, not just on the surface, but also through the entire cartridge.

Our **SUPAWIND** elements are manufactured in controlled conditions in a state of the art manufacturing facility. The yarn is spun from high quality staple fibre specifically for filter cartridge manufacture.

Product Features

- Wide range of fibre types
- Integral support core
- Wide chemical compatibility
- All cartridges continuously wound
- Washed yarn option
- Voile option to prevent fibre migration

Cartridge filtration systems generally operate most effectively and economically on applications having contamination levels less than 0.01% by weight (100ppm). For heavier contamination applications, cartridges are normally only used as the final polishing filters.

Amazon **DuoLINE** bag filters are often used as suitable pre filters; please see our literature.



SUPAWIND FEATURES AND BENEFITS

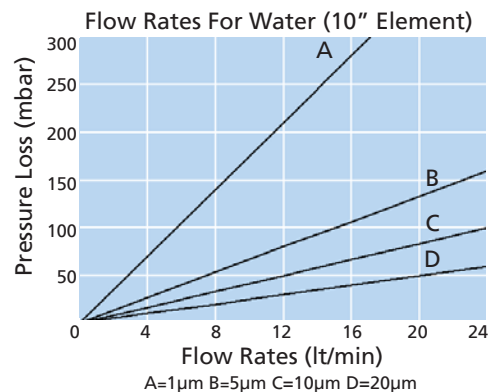
- Range of nominal ratings from 1 to 100µm
- Temperature range up to 400°C
- Wide choice of fibre types and core materials for maximum chemical compatibility
- Graded density structure for high dirt holding capacity
- Most medias suitable for Food contact applications

SUPAWIND

Outside Diameter: 62mm
Core Diameter: 28mm
Length: See ordering guide

Temperature	01PP:	80°C
	01PT:	100°C
	01CT:	120°C
	01GT:	400°C

Maximum ΔP	PP Media PP Core	PP Media Tinned St Core	PP Media St.St Core
@ 20°C	4.0	4.0	4.0
@ 50°C	1.5	4.0	4.0
@ 80°C	0.25	4.0	4.0
@ 100°C	-	4.0	4.0



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MEDIA	CORE/ASSEMBLY	MICRON RATING	LENGTH	CONNECTIONS	SEAL	OPTIONS
C - Bleached Cotton	F - Tinned Steel	001 - 1.0µm	05 - 125mm	N - None	N - None	
G - Glass Fibre	P - Polypropylene	005 - 5.0	09 - 251			
P - Polypropylene	T - 316 St.Steel	010 - 10	10 - 254			
		020 - 20	19 - 500			
		030 - 30	20 - 508			
		050 - 50	29 - 752			
		075 - 75	30 - 762			
		100 - 100	39 - 1002			
			40 - 1016			

INDUSTRIES AND APPLICATIONS

- Bottled water, Flavours, Polishing lines, Trap filters, Aromatic oils, Concentrates
- Solvents, Process streams, Acids, Alcohols
- Amine streams, Glycol, Heat transfer oils, Strong Oxidisers
- Alcohols, Essential oils, Water lines, Transfer filters
- Membrane protection (Reverse Osmosis, Nano), Resin trap, Potable water
- Plating solutions, Paint and resin products, Wash solutions

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