

CARTRIDGE FILTER ELEMENTS

FEATURES

- **Piedmont's cartridge filter** elements are manufactured with the fastest, most modern equipment available, giving you the highest quality filter on the market today.
- Two types of cartridge filters available : **String wound & Melt blown** are produced with 100% polypropylene materials.
- Elements are made from 1 to 100 micron in standard or high efficiency (95%) grades, giving you control of your filtration process.
- A multi-zone manufacturing process provides true depth filtration.
- End caps are thermally welded onto the cartridge with no use of glue or other binders.
- **BIOSAFETY.** All polypropylene components meet the specifications for biological safety per the USP for Class VI-121° C plastics.
- **FDA Listed Materials.** All materials used in construction are listed for food and beverage applications in Title 21 of the U.S. Code of Federal Regulations.
- **NSF Certificate.** Cartridges are certified by NSF of USA to NSF/ANSI standard 61.



DS-SCF-01-v03



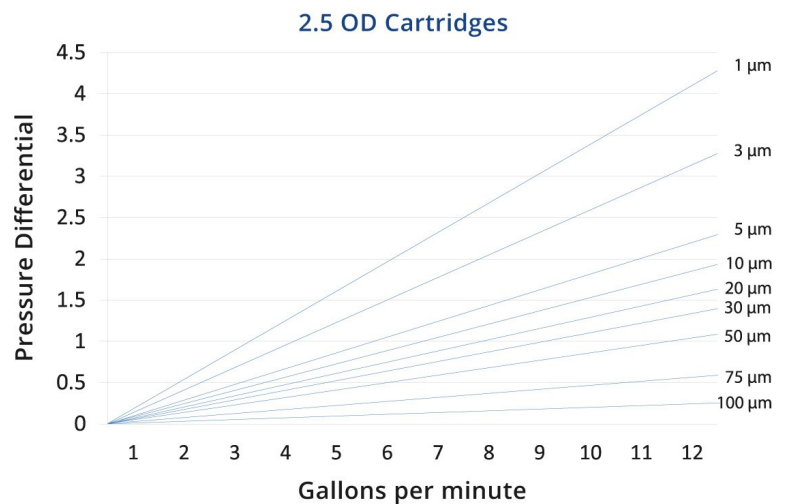
Piedmont Pacific

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GENERAL SPECIFICATIONS

Micron Ratings	1, 5, 10, 20, 25, 50, 75 & 100
Construction	Polypropylene
Optional Core & End Caps	Polypropylene
Maximum Operating Temperature	179.6 °F / 82 °C
Diameter	O.D. 2.5"
Nominal Lengths	10" to 70"
Maximum Forward Differential Pressure	40 psid (1.7 bar) @ 150° F (66° C) 60 psid (3.4 bar) @ 86° F (30° C)

FDA compliance under Title 21 of the code of federal regulations for food contact applications.



AVAILABLE END CAPS



SOE 222/231/226/229



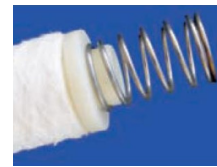
FLAT/END CAP



SPRING



FIN/END CAP



SS316L SPRING



EXTENDED CORE

PRODUCT SPECIFICATIONS

MELT BLOWN / STRING WOUND CARTRIDGES

Nominal Length (inch)	Outer Diameter (mm)	Type	Micron	Material	Aprox. filtration surface	Max. Operating temperature	When applicable		
							Element Grade	End Cap	Gasket O'ring
10"	63mm = 2.5" (standard)	DOE (Double open end)	1	PP	0.05m ²	82 °C 179.6 °F	Standard High efficiency Absolute	Fin Spring Flat SOE 222/231/226/229 SS316L Spring Extended Core Custom	Buna (NBR) Silicone EPDM
20"			3						
30"			5						
40"	61mm	-	10						
50"	100mm = 6.0"	SOE (Single open end)	20						
70"	114.5mm = 4.5"		25						
80"			50						

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