

Savana® MBV Filters

Melt-blown filters for water treatment and high particle loading applications

Combining high-flow and long lifetime, the Savana® MBV filters offer construction of melt-blown polypropylene fibers that deliver reliable and consistent filtration.

Their 100% polypropylene construction ensures broad chemical compatibility suitable for a variety of applications such as: water, weak acids and bases, chemicals and solvents.



APPLICATIONS

- Water treatment: pre-RO filtration of brackish or seawater in desalination plants and industrial water treatment systems
- Flat panel displays, hard disk drives and PC board industries: weak acid and bases, solvents, slurries and water
- General purpose filtration of process water, reused water or waste water in oil, gas, mining or other industries

FEATURES & BENEFITS

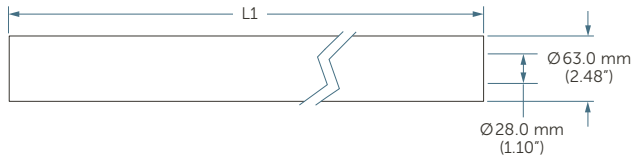
- Polypropylene media for broad process fluid compatibility
- Graded depth structure provides high flow rate, higher filtration efficiency and longer lifetime
- Weld-free continuous-length filters up to 50" and thermal-sealed caps, free of surfactants, binders and adhesives
- NSF certified to NSF/ANSI 42 for Drinking Water Treatment Units (check NSF certification listing for product configurations)

SPECIFICATIONS

Material	Media	Polypropylene
	Caps/core	Polypropylene
	Sealing material	EPDM, FKM, silicone AS568-222 o-rings for code 0, code 5 cartridges EPDM, FKM gaskets for code F cartridges
Retention rating	1, 3, 5, 10, 20, 50, 75, 100 µm	
Maximum operating conditions	Maximum forward differential pressure: 0.3 MPa (3.0 bar, 44 psi) @ 20°C (68°F) 0.1 MPa (1.0 bar, 15 psi) @ 80°C (176°F) Maximum operating temperature: 80°C (176°F)	

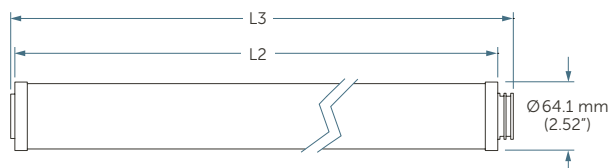
DIMENSIONS

Code F



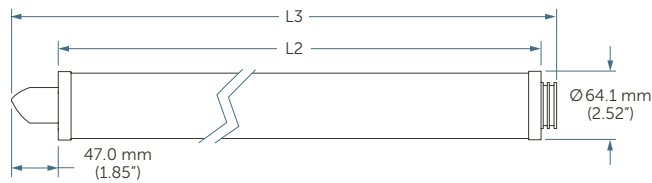
	10"	20"	30"	40"	50"
L1	254 mm ±2 mm (10" ±0.08")	508 mm ±2 mm (20" ±0.08")	762 mm ±3 mm (30" ±0.12")	1016 mm ±3 mm (40" ±0.12")	1270 mm ±3 mm (50" ±0.12")

Code 0



	10"	20"	30"	40"	50"
L2	233 mm ±2 mm (9.17" ±0.08")	492 mm ±2 mm (19.37" ±0.08")	744 mm ±3 mm (29.29" ±0.12")	1000 mm ±3 mm (39.37" ±0.12")	1248 mm ±3 mm (49.13" ±0.12")
L3	255 mm ±2 mm (10.04" ±0.08")	514 mm ±2 mm (20.24" ±0.08")	766 mm ±3 mm (30.16" ±0.12")	1022 mm ±3 mm (40.24" ±0.12")	1270 mm ±3 mm (50" ±0.12")

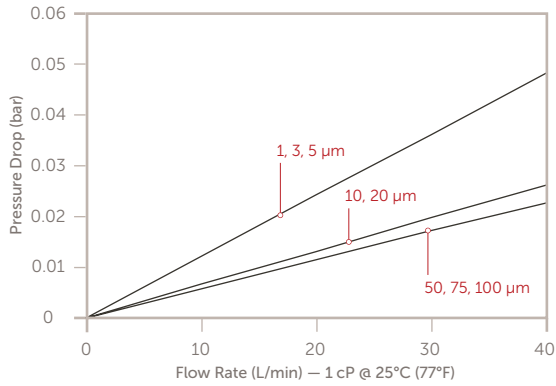
Code 5



	10"	20"	30"	40"	50"
L2	233 mm ±2 mm (9.17" ±0.08")	492 mm ±2 mm (19.37" ±0.08")	744 mm ±3 mm (29.29" ±0.12")	1010 mm ±3 mm (39.76" ±0.12")	1206 mm ±3 mm (47.48" ±0.12")
L3	297 mm ±2 mm (11.69" ±0.08")	556 mm ±2 mm (21.89" ±0.08")	808 mm ±3 mm (31.81" ±0.12")	1074 mm ±3 mm (42.28" ±0.12")	1270 mm ±3 mm (50" ±0.12")

PERFORMANCE DATA

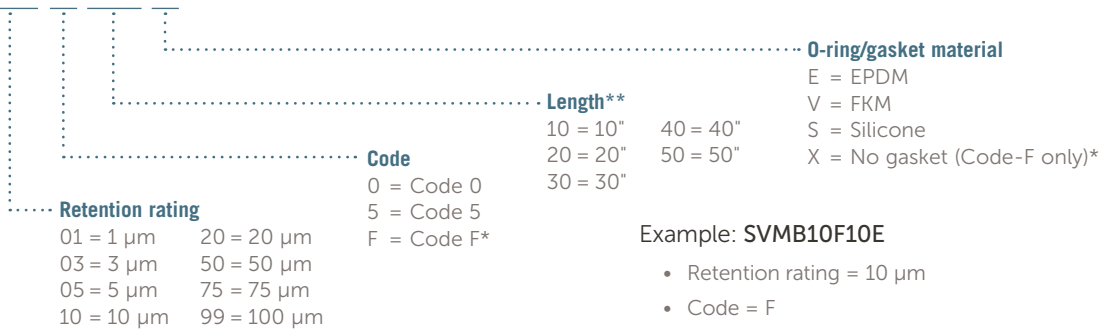
Savana MBV 10" Cartridge Filters



ORDERING INFORMATION

Savana MBV Cartridge Filters: part number

SVMB



Code F	Quantity/pk
10"	50
20"	25
30"	20
40"	20
50"	20

Code 0, Code 5	Quantity/pk
10"	40
20"	20
30"	12
40"	12
50"	16

*Code F refers to double open end (DOE) type cartridge with or without a gasket connection.

**Part numbers for specific lengths are available upon request.

Notes: Code 0 refers to cartridge with 222 o-ring connection and flat end.
Code 5 refers to cartridge with 222 o-ring connection and fin end.

FOR MORE INFORMATION

Please call your Regional Customer Service Center today to learn what Entegris can do for you. Visit entegris.com and select the Contact Us link to find the customer service center nearest you.

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