

Savana® MBV Filters

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

Combining high-flow and long lifetime, our 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

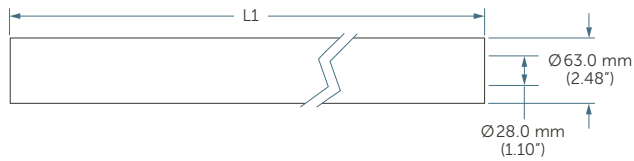
Polypropylene media	Provides broad process fluid compatibility
Graded depth structure	Provides high flow rate, higher filtration efficiency, and longer lifetime
Weld-free continuous-length filters up to 70" and thermal-sealed caps	Free of surfactants, binders, and adhesives ensures clean performance
NSF certified to NSF/ANSI 42 for Drinking Water Treatment Units	Certified for drinking water applications (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	0.5, 1, 3, 5, 10, 20, 50, 75, 100 μ m	
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)	

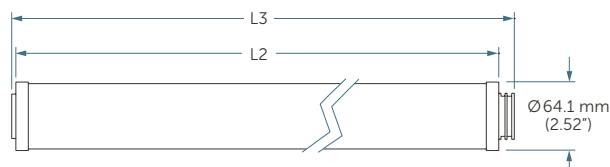
DIMENSIONS

Code F



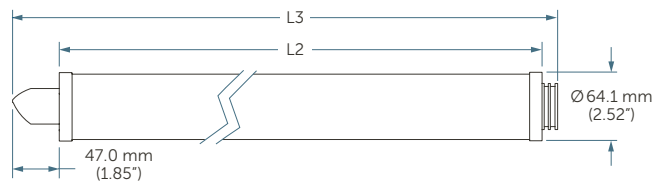
	10"	20"	30"	40"	50"	70"
L1	254 mm ±2 mm (10" ±0.08")	508 mm ±2 mm (20" ±0.08")	762 mm ±3 mm (30" ±0.12")	1016 mm ±3 mm (40" ±0.12")	1270 mm ±3 mm (50" ±0.12")	1778 mm ±3 mm (70" ±0.12")

Code 0



	10"	20"	30"	40"	50"	70"
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")	1756 mm ±3 mm (69.13" ±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")	1778 mm ±3 mm (70" ±0.12")

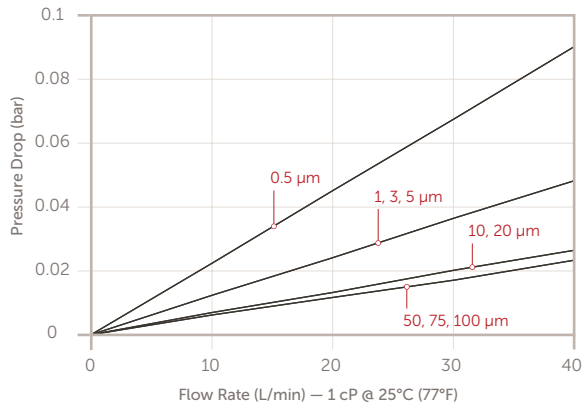
Code 5



	10"	20"	30"	40"	50"	70"
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")	1714 mm ±3 mm (67.48" ±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")	1778 mm ±3 mm (70" ±0.12")

PERFORMANCE DATA

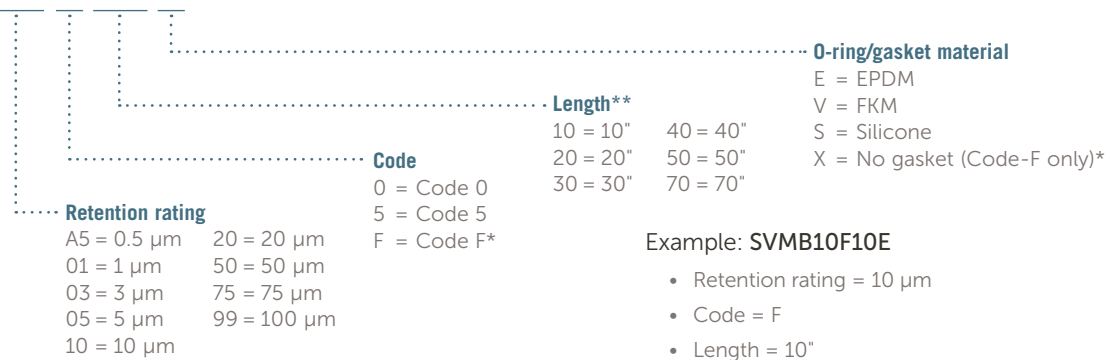
Savana MBV 10" Cartridge Filters



ORDERING INFORMATION

Savana MBV Cartridge Filters: part number

SVMB



Code F	Quantity/pk
10"	50
20"	25
30"	20
40"	20
50"	20
70"	15

Code 0, Code 5	Quantity/pk
10"	40
20"	20
30"	12
40"	12
50"	16
70"	12

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

**Part numbers for other 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

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