



SAVANA® AT CARTRIDGE FILTERS

The new standard in all-fluoropolymer filters for aggressive chemicals and moderate temperatures

Overview

Savana® AT cartridge filters are designed with all-fluoropolymer construction to consistently remove particles from a wide range of acids, bases and other process chemicals. Ideal for medium- to high-flow applications, Savana cartridge filters deliver a low cost of ownership (COO).

Superior Filtration Efficiency

Optimized filtration area is provided to minimize pressure drop across the filter without compromising the enhanced particle removal characteristics of the design. The fluoropolymer materials and device construction minimize extractables and other contaminants that may be detrimental to process, while providing high-retention performance in a clean, durable filter.

High Quality and Reliability

All Savana AT filters are manufactured in ISO9001 certified facilities under cleanroom conditions and documentation control. All devices are fully tested for integrity to ensure product performance is met.



Feature	Advantage	Benefit
All-fluoropolymer construction	Excellent chemical compatibility	Broad range of applications
Optimized surface area using pleated structure	High flow	Increased yield
	Long lifetime	Higher throughput
	Low pressure drop (less stress on other components like pumps, etc.)	Faster process cleanup
Prewet version available	No solvent needed for prewetting	Lower COO
	Quicker/easier installation	

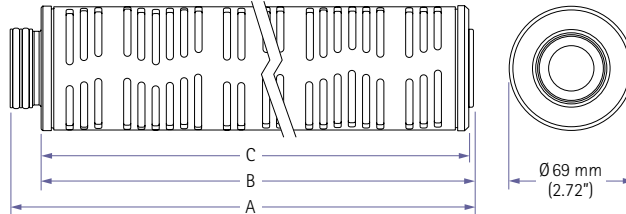
Specifications

Materials:	Membrane	PTFE
	Support	PFA
	O-ring	Encapsulated FKM (E-FKM)
Retention rating:	0.1, 0.2, 0.5, 1, 5, 10 μm	
Shelf life (prewet option):	1 year	
Membrane area:	4"	0.23 m ²
	10"	0.8 m ²
	20"	1.6 m ²
	30"	2.4 m ²
Maximum operating conditions:	Maximum forward differential pressure	0.51 MPa (5.1 bar, 74 psid) @ 25°C (77°F)
		0.20 MPa (2.0 bar, 29 psid) @ 120°C (248°F)
	Maximum reverse differential pressure	0.35 MPa (3.5 bar; 50 psid) @ 25°C (77°F)
	Maximum operating temperature	120°C (248°F) at the above conditions

Note: Prewet filters are enclosed in bag filled with DI water and 1% H₂O₂. Please drain and flush with 20 liters of DI water (per 10") after installing filter.

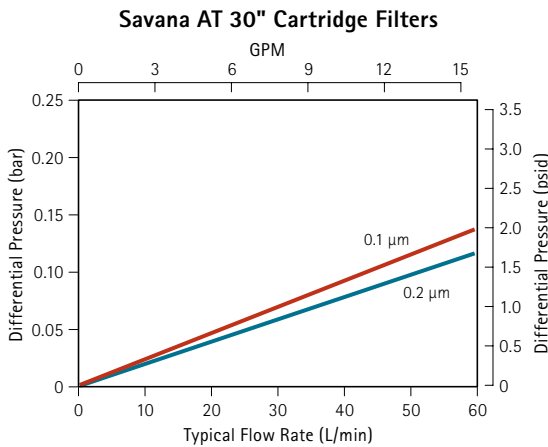
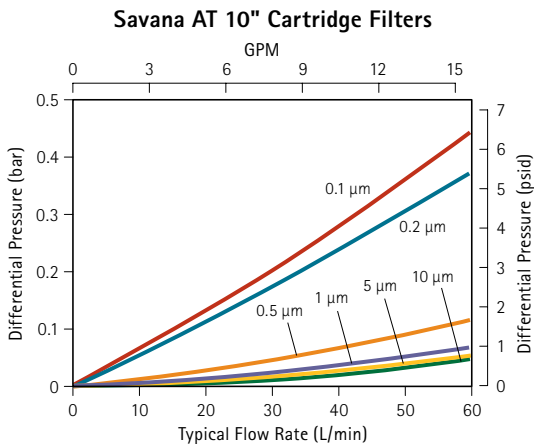
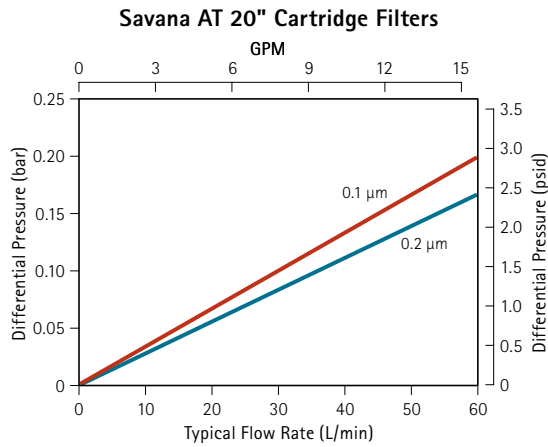
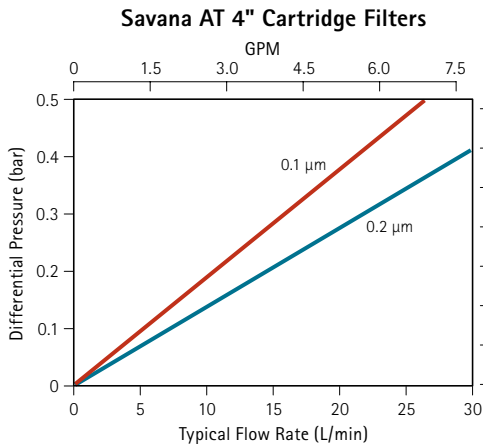
Materials of construction conform to those listed in U.S. FDA Code of Federal Regulation Title 21 Part 177.

Dimensions



Nominal Size	A (Overall)	B (Control)	C (Shoulder)
4"-SV	93.3 ±2.0 mm (3.67 ±0.079")	76.0 ±2.0 mm (2.99 ±0.079")	74.0 ±2.0 mm (2.91 ±0.079")
10"	262.3 ±2.0 mm (10.33 ±0.079")	245.0 ±2.0 mm (9.65 ±0.079")	243.0 ±2.0 mm (9.57 ±0.079")
20"	498.3 ±3.0 mm (19.62 ±0.118")	479.0 ±3.0 mm (18.86 ±0.118")	477.0 ±3.0 mm (18.78 ±0.118")
30"	738.3 ±4.5 mm (29.07 ±0.177")	719.0 ±4.5 mm (28.31 ±0.177")	717.0 ±4.5 mm (28.23 ±0.177")

Performance Data

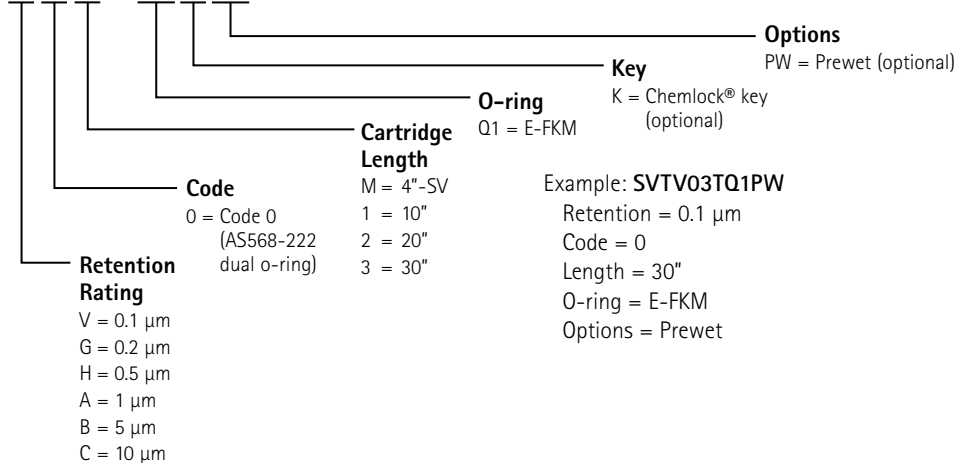


Ordering Information

Savana AT Cartridge Filters

Part Number

SVT 0 T Q1



For More Information

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