

SAA Series PS Filter Cartridge is constructed of highly asymmetric hydrophilic Polysulfone membrane and polypropylene components. The unique PS membrane delivers high flow rate, long life time and excellent particle removal efficiency. All the cartridges are made in the controlled cleanroom environment. The cartridges are ideally suited for filtration of the water based fluids.

Features

- Highly asymmetric polysulfone membrane provides excellent dirt holding capacity and flow characteristics
- Hydrophilic polysulfone membrane eliminates the need for prewetting and flushing
- Asymmetric membrane structure provides high flow rates with lower differential pressure and a longer life time
- Widely compatible with cleaning applications in many processes such as developing, etching and stripping processes
- Manufactured in controlled cleanroom environment

Applications

- General-Use water Filtration
- Deionized water systems
- Liquid clarification
- Chemical filtration
- Ultra-Pure water systems

Dimension

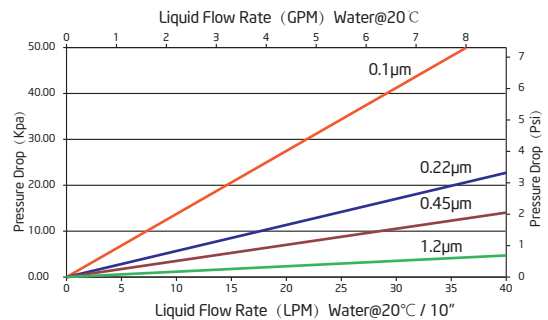
Diameter	69mm
Length	5" , 10" , 20" , 30" , 40"

Material of Constructions

Media	Highly Asymmetric Hydrophilic PS Membrane
Support	Polypropylene (PP)
Cage/Core/End Cap	Polypropylene (PP)
Sealing	EPDM, Viton®, E-FKM

Performance

Max. Operating Temperature	80°C
Max. Operating DP	4 Bar@21°C , 2.4 Bar@80°C



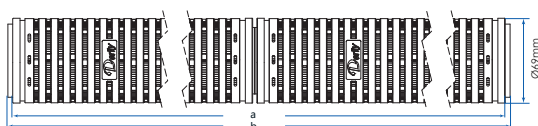
Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System
- 100% integrity test

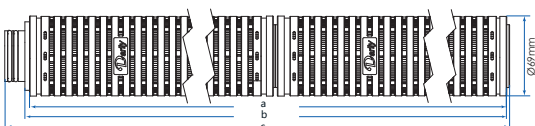
Food Contact Compliance

- Material of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR.
- Materials used to produce filter media and hardware meets the specifications for biological safety per USP Class VI-121C for plastics.
- Filter cartridges passed European Commission Directives (EU10/2011)
- Halal Certified

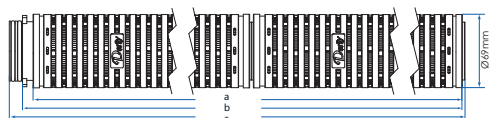
Dimensions



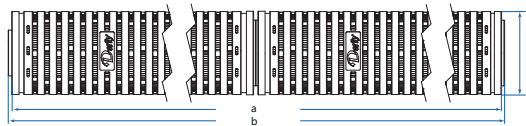
	5"	10"	20"	30"	40"
a	116.0±1	246.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	254.0±1	500.0±2	750.0±2	1000.0±2



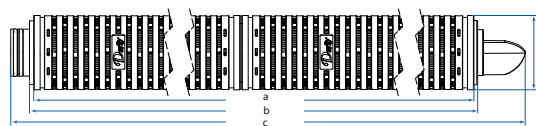
	5"	10"	20"	30"	40"
a	116.0±1	246.0±1	496.0±2	746.0±2	996.0±2
b	120.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	140.0±1	270.0±1	520.0±2	770.0±2	1020.0±2



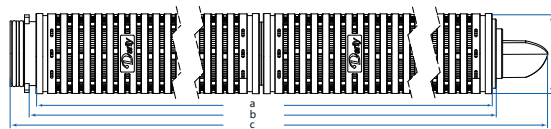
	5"	10"	20"	30"	40"
a	115.0±1	245.0±1	492.0±2	742.0±2	992.0±2
b	120.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	139.5±1	269.5±1	519.5±2	769.5±2	1019.5±2



	5"	10"	20"	30"	40"
a	115.0±1	247.0±1	495.5±2	744.0±2	992.5±2
b	120.0±1	252.5±1	501.0±2	749.5±2	998.0±2



	5"	10"	20"	30"	40"
a	116.0±1	242.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	250.0±1	500.0±2	750.0±2	1000.0±2
c	187.5±1	316.5±1	562.5±2	812.5±2	1062.5±2



	5"	10"	20"	30"	40"
a	116.0±1	242.0±1	492.0±2	742.0±2	992.0±2
b	125.0±1	254.0±1	500.0±2	750.0±2	1000.0±2
c	187.0±1	312.0±1	562.0±2	812.0±2	1062.0±2

Ordering Information

SAA

0022

F

10

E

Removal Rating	End Cap Type	Length	Seal Material
0010=0.1µm	F = DOE	5=5"	E = EPDM
0022=0.22µm	M = 222/Flat	10=10"	V = Viton [®]
0045=0.45µm	P = 222/Fin	20=20"	F = E-FKM
0120=1.2µm	T = 226/Flat	30=30"	
	Q = 226/Fin	40=40"	

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

