

SANIC

WATER FILTERS WITH
ANTIMICROBIAL
TECHNOLOGY



SEDIMENT
CARTRIDGES

SANIC SEDIMENT CARTRIDGES

filter cartridges with antimicrobial technology

Range of sediment filter cartridges with antimicrobial product protection provided by a silver based antimicrobial agent included in the plastic matrix with a specific technology

Powered by Microban® antimicrobial technology 
MICROBAN

Microban® technology is not designed to purify drinking water, but to fight the growth of stain and odor causing bacteria on the housing and filter itself which could adversely affect filter life and performance. MICROBAN is a registered trademark of Microban Products Company.

SANIC CARTRIDGES CONFIGURATION

FOR FILTERS SX and BX

SANIC cartridges with antimicrobial technology are available in 2 end-caps configurations:

- SX standard configuration double open end (DOE), fit to SANIC SX housings, to Atlas Filtri SX housings and to major part of housings in the market.
- BX proprietary configuration with double o-ring, for perfect watertight fit, and for safe, simple and rapid maintenance operations, perfect cartridge standing and elimination of wrong positioning. All of that with market exclusivity.



SX **Standard double open end (DOE) configuration with flat seals.**
Fit to SX housings, DP housings, Depural®, Depural® Top, Bravo DP, Oasis DP.



BX **Quick-fit configuration with 45 mm double o-ring collar.**
Fit to Plus 3P BX housings, DP housings, K DP housings, Depural® Top, Bravo DP, Oasis DP.

TERMS LEGEND

Filtration

Filter rate in micron.

Flow rate

In liters per hour (l/h), the flow rate for ideal filtration using a new cartridge.

Average life-span

The average working life of the cartridge. Working life depends on the type of application, and on the level of filtration, the cartridge material, the type of maintenance that can be carried out and, especially, depends on the quality of the water being treated. The quality of the water is an extremely variable factor and thus the average life-span is indicated for a mains water supply with average European potable water characteristics.

Maintenance

Type and frequency of applicable maintenance operations.

CARTRIDGES RANGE

Cartridges for sediment filtration

FILTRATION IN DEPTH

FA SANIC - wound polypropylene thread.

Filtration from 1 to 100 micron.

CPP SANIC - melt-blown polypropylene smooth.

Filtration from 1 to 50 micron.

SYMBOLS LEGEND



For domestic use



For technical and industrial use



FA BIG SANIC polypropylene thread wound thread

Sediment filtration.
Average life-span: 6 months.
Maintenance: none.

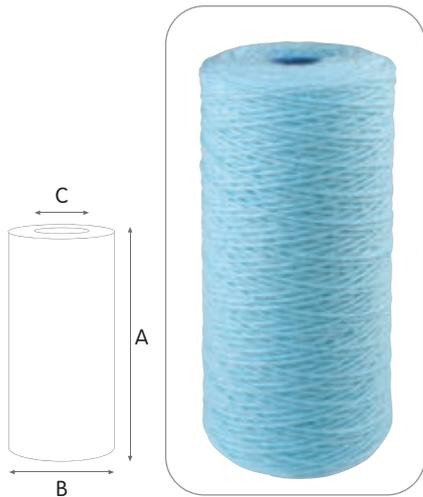
WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)
 Min working temperature _____ 4°C (39,2°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
 Filter medium: polypropylene thread with antimicrobial technology.
 Inner core: polypropylene.

A range of 4.50" OD filter cartridges with antimicrobial technology made with polypropylene thread featuring a silver based antimicrobial agent, wound on polypropylene inner core, designed to fit to DP BIG housings and respond to the most effective heavy-duty sediment filtration requirements, suitable to industrial as well as domestic applications. Atlas Filtri FA BIG SANIC wound cartridges are made of uniform and consistent polypropylene thread, strong and homogeneous, which makes a compact cartridge construction resulting in a larger filtration surface with improvement in filtration efficiency and in life-span, with a higher cost/effective ratio as a result. FA BIG SANIC at height 10" and 20" are available with single layer filtration and with multi-layer filtration, providing progressive filtration in depth for efficiency improvement.



FA BIG SANIC SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
OD 4,50" x ID 1,10"							
SA5115506	FA 10 BIG SANIC SX 1 mcr	10"	1	2500	250	110	28
SA5115508	FA 10 BIG SANIC SX 5 mcr	10"	5	2500	250	110	28
SA5115509	FA 10 BIG SANIC SX 10 mcr	10"	10	2500	250	110	28
SA5115511	FA 10 BIG SANIC SX 25 mcr	10"	25	2500	250	110	28
SA5115514	FA 10 BIG SANIC SX 50 mcr	10"	50	2500	250	110	28
SA5115519	FA 10 BIG SANIC SX 100 mcr	10"	100	2500	250	110	28
SA5117506	FA 20 BIG SANIC SX 1 mcr	20"	1	4000	505	110	28
SA5117508	FA 20 BIG SANIC SX 5 mcr	20"	5	4000	505	110	28
SA5117509	FA 20 BIG SANIC SX 10 mcr	20"	10	4000	505	110	28
SA5117511	FA 20 BIG SANIC SX 25 mcr	20"	25	4000	505	110	28
SA5117514	FA 20 BIG SANIC SX 50 mcr	20"	50	4000	505	110	28
SA5117519	FA 20 BIG SANIC SX 100 mcr	20"	100	4000	505	110	28

FA BIG MULTI LAYER SANIC SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE l/h	DIMENSIONS MM		
					A	B	C
OD 4,50" x ID 1,10"							
SA5115520	FA 10 BIG MULTI LAYER SANIC SX 10 1 mcr	10"	10 - 1	2500	250	110	28
SA5115521	FA 10 BIG MULTI LAYER SANIC SX 25 1 mcr	10"	25 - 1	2500	250	110	28
SA5115522	FA 10 BIG MULTI LAYER SANIC SX 50 5 mcr	10"	50 - 5	2500	250	110	28
SA5115523	FA 10 BIG MULTI LAYER SANIC SX 50 10 mcr	10"	50 - 10	2500	250	110	28
SA5115528	FA 10 BIG MULTI LAYER SANIC SX 100 25 mcr	10"	100 - 25	2500	250	110	28
SA5115529	FA 10 BIG MULTI LAYER SANIC SX 100 50 mcr	10"	100 - 50	2500	250	110	28
SA5117520	FA 20 BIG MULTI LAYER SANIC SX 10 1 mcr	20"	10 - 1	4000	505	110	28
SA5117521	FA 20 BIG MULTI LAYER SANIC SX 25 1 mcr	20"	25 - 1	4000	505	110	28
SA5117522	FA 20 BIG MULTI LAYER SANIC SX 50 5 mcr	20"	50 - 5	4000	505	110	28
SA5117523	FA 20 BIG MULTI LAYER SANIC SX 50 10 mcr	20"	50 - 10	4000	505	110	28
SA5117528	FA 20 BIG MULTI LAYER SANIC SX 100 25 mcr	20"	100 - 25	4000	505	110	28
SA5117529	FA 20 BIG MULTI LAYER SANIC SX 100 50 mcr	20"	100 - 50	4000	505	110	28

FA BIG SANIC cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.

MODELS:

- FA BIG SANIC series 10" and 20", OD 4.50", ID 1.10". SX configuration
- FA BIG SANIC MULTI-LAYER series 10" and 20", OD 4.50", ID 1.10". SX configuration

CERTIFICATIONS



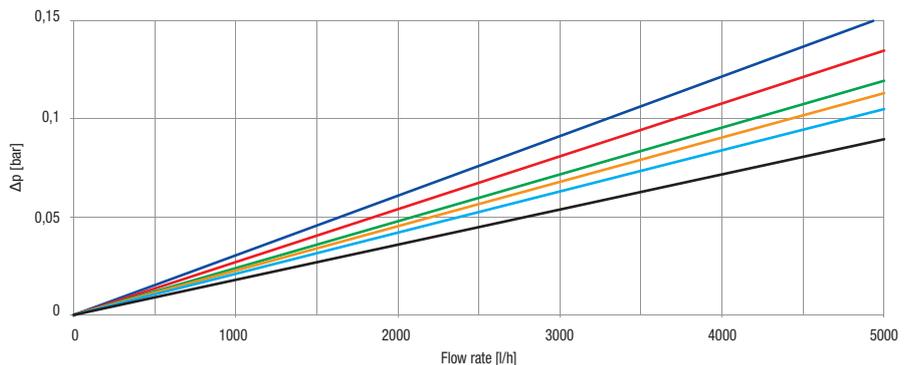
10" Sanic cartridges in combination with Sanic housings as complete systems are tested and certified by IAPMO RT against NSF/ANSI 42 for bacteriostasis effect. Components tested and certified by IAPMO RT against NSF/ANSI Standards 42 and 61 for material and structural integrity requirements only. In compliance with Drinking Water Treatment Units regulations, USA and Canada.



FA BIG SANIC cartridges are tested and certified under the most stringent procedures worldwide, in compliance with DM 25 (Italy), with the sanitary certification EAC/Ghostreghistrizia (Russia) and WaterMark (Australia).

FLOW RATE vs PRESSURE DROP Δp

Tests carried on 10" elements type FA 10 BIG SANIC SX.
 Testing mode: 20°C, 3 BAR



Some items in the list are subject to minimum order quantities and/or to longer delivery term.

SEDIMENT CARTRIDGES