

FA POLYPROPYLENE WOUND THREAD

Sediment filtration.
Average life-span: 3-6 months.
Maintenance: none.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

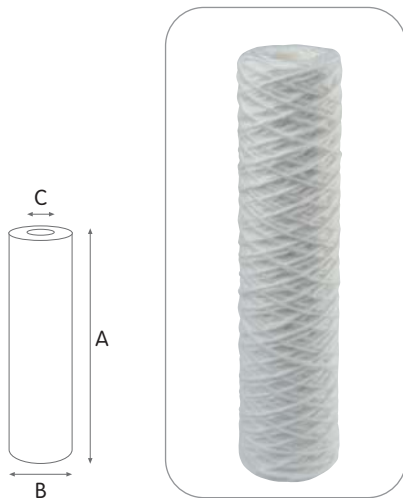
Non-toxic materials, suitable for drinking water.
 Filter medium: polypropylene thread.
 Inner core: polypropylene.

A very wide range of filter cartridges made with polypropylene thread wound on polypropylene or reinforced polypropylene inner core, available in a variety of filter rates, heights, diameters and configurations. Wound thread cartridges are a standard as heavy-duty sediment filter to remove scale, sand, lime, rust and other fines for filtration and pre-filtration in residential, commercial, industrial, municipal and other specialized applications.

Atlas Filtri FA 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.

The inner core is made rigid and with particular solutions to achieve the maximum rigidity for every height from 4" to 40". FA cartridges are made to comply with the most stringent regulations for applications in drinking water.

Polypropylene is suitable to many industrial applications due to its wide chemical-physical compatibility to a variety of water based solutions



FA SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	NOMINAL FLOW/RATE l/h	DIMENSIONS MM		
					A	B	C
OD 1,77" x ID 0,71"							
RE5110408	FA MIGNON SX 5 mcr	5" M	5	500	122	45	18
RE5110409	FA MIGNON SX 10 mcr	5" M	10	500	122	45	18
RE5110411	FA MIGNON SX 25 mcr	5" M	25	500	122	45	18
RE5110414	FA MIGNON SX 50 mcr	5" M	50	500	122	45	18
RE5110419	FA MIGNON SX 100 mcr	5" M	100	500	122	45	18
OD 2,20" x ID 1,10"							
RE5125408	FA 10 R SX 5 mcr	10"	5	1500	250	56	28
RE5125409	FA 10 R SX 10 mcr	10"	10	1500	250	56	28
RE5125411	FA 10 R SX 25 mcr	10"	25	1500	250	56	28
RE5125414	FA 10 R SX 50 mcr	10"	50	1500	250	56	28
OD 2,40" x ID 1,10"							
RE5111406	FA 4 SX 1 mcr	4"	1	800	106	61	28
RE5111408	FA 4 SX 5 mcr	4"	5	800	106	61	28
RE5111409	FA 4 SX 10 mcr	4"	10	800	106	61	28
RE5111411	FA 4 SX 25 mcr	4"	25	800	106	61	28
RE5111414	FA 4 SX 50 mcr	4"	50	800	106	61	28
RE5111419	FA 4 SX 100 mcr	4"	100	800	106	61	28
RE5112406	FA 5 SX 1 mcr	5"	1	1000	125	61	28
RE5112408	FA 5 SX 5 mcr	5"	5	1000	125	61	28
RE5112409	FA 5 SX 10 mcr	5"	10	1000	125	61	28
RE5112411	FA 5 SX 25 mcr	5"	25	1000	125	61	28
RE5112414	FA 5 SX 50 mcr	5"	50	1000	125	61	28
RE5112419	FA 5 SX 100 mcr	5"	100	1000	125	61	28
RE5114406	FA 7 SX 1 mcr	7"	1	1400	173	61	28
RE5114408	FA 7 SX 5 mcr	7"	5	1400	173	61	28
RE5114409	FA 7 SX 10 mcr	7"	10	1400	173	61	28
RE5114411	FA 7 SX 25 mcr	7"	25	1400	173	61	28
RE5114414	FA 7 SX 50 mcr	7"	50	1400	173	61	28
RE5114419	FA 7 SX 100 mcr	7"	100	1400	173	61	28
RE5115406	FA 10 SX 1 mcr	10"	1	2000	250	61	28
RE5115408	FA 10 SX 5 mcr	10"	5	2000	250	61	28
RE5115409	FA 10 SX 10 mcr	10"	10	2000	250	61	28
RE5115411	FA 10 SX 25 mcr	10"	25	2000	250	61	28
RE5115414	FA 10 SX 50 mcr	10"	50	2000	250	61	28
RE5115419	FA 10 SX 100 mcr	10"	100	2000	250	61	28
RE5117406	FA 20 SX 1 mcr	20"	1	3000	505	61	28
RE5117408	FA 20 SX 5 mcr	20"	5	3000	505	61	28
RE5117409	FA 20 SX 10 mcr	20"	10	3000	505	61	28
RE5117411	FA 20 SX 25 mcr	20"	25	3000	505	61	28
RE5117414	FA 20 SX 50 mcr	20"	50	3000	505	61	28
RE5117419	FA 20 SX 100 mcr	20"	100	3000	505	61	28
RE5118406	FA 30 SX 1 mcr	30"	1	4000	755	61	28
RE5118408	FA 30 SX 5 mcr	30"	5	4000	755	61	28
RE5118409	FA 30 SX 10 mcr	30"	10	4000	755	61	28
RE5118411	FA 30 SX 25 mcr	30"	25	4000	755	61	28
RE5118414	FA 30 SX 50 mcr	30"	50	4000	755	61	28
RE5118419	FA 30 SX 100 mcr	30"	100	4000	755	61	28
RE5119406	FA 40 SX 1 mcr	40"	1	5000	1015	61	28
RE5119408	FA 40 SX 5 mcr	40"	5	5000	1015	61	28
RE5119409	FA 40 SX 10 mcr	40"	10	5000	1015	61	28
RE5119411	FA 40 SX 25 mcr	40"	25	5000	1015	61	28
RE5119414	FA 40 SX 50 mcr	40"	50	5000	1015	61	28
RE5119419	FA 40 SX 100 mcr	40"	100	5000	1015	61	28

FA cartridges are available in a variety of:

CONFIGURATIONS:

- SX standard configuration double open end (DOE) available for every height and diameter.
- BX proprietary configuration with double o-ring collar 45 mm, suitable to PLUS 3P BX housings, DP housings, K PLUS 3P housings.

MODELS:

- FA MIGNON series 5" M, OD 1.77" ID 0.71". SX configuration
- FA-R series 10", OD 2.20", ID 1.10". SX configuration
- FA series from 4" to 40", OD 2.40", ID 1.10". SX, AX, BX, CX configurations
- FA BIG series 10" and 20", OD 4.65", ID 1.10". SX configuration
- FA BIG MULTI-LAYER series 10" and 20", OD 4.65", ID 1.10". SX configuration

Variants available on minimum quantity:

- FA CX with double o-ring collar 57 mm, suitable to PLUS 3P CX, K DP housings.

CERTIFICATIONS

In compliance with Italian regulation D.M. 174/2004

Attestation de Conformité Sanitaire ACS

FA cartridges are tested and certified under the most stringent procedures worldwide, achieving the **certification of compliance with DM 174/2004 and the sanitary certifications ACS (France).**

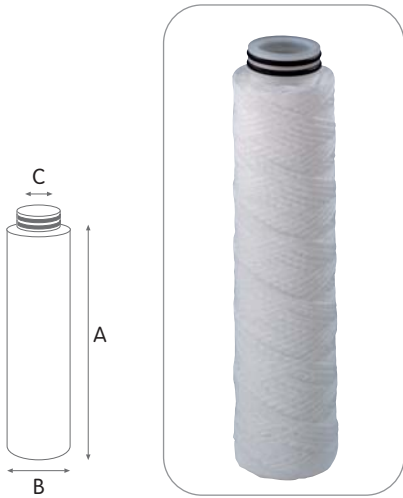
Sediment filtration.
Average life-span: 3-6 months.
Maintenance: none.

WORKING CONDITIONS

Max working temperature _____ 45°C (113°F)

SPECIFICATIONS

Non-toxic materials, suitable for drinking water.
Filter medium: polypropylene thread.
Inner core: polypropylene.
O-rings: EPDM.



FA BX

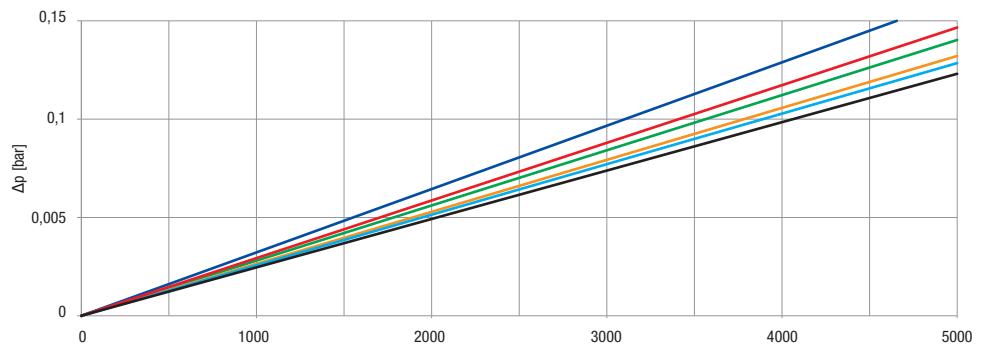
WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE O-RING COLLAR 45 MM

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					A	B	C
OD 2,40" x ID 1,10"							
RA5112206	FA 5 BX 1 mcr	5"	1	1000	125	61	30
RA5112208	FA 5 BX 5 mcr	5"	5	1000	125	61	30
RA5112209	FA 5 BX 10 mcr	5"	10	1000	125	61	30
RA5112211	FA 5 BX 25 mcr	5"	25	1000	125	61	30
RA5112214	FA 5 BX 50 mcr	5"	50	1000	125	61	30
RA5112219	FA 5 BX 100 mcr	5"	100	1000	125	61	30
RA5114206	FA 7 BX 1 mcr	7"	1	1400	173	61	30
RA5114208	FA 7 BX 5 mcr	7"	5	1400	173	61	30
RA5114209	FA 7 BX 10 mcr	7"	10	1400	173	61	30
RA5114211	FA 7 BX 25 mcr	7"	25	1400	173	61	30
RA5114214	FA 7 BX 50 mcr	7"	50	1400	173	61	30
RA5114219	FA 7 BX 100 mcr	7"	100	1400	173	61	30
RA5115206	FA 10 BX 1 mcr	10"	1	2000	250	61	30
RA5115208	FA 10 BX 5 mcr	10"	5	2000	250	61	30
RA5115209	FA 10 BX 10 mcr	10"	10	2000	250	61	30
RA5115211	FA 10 BX 25 mcr	10"	25	2000	250	61	30
RA5115214	FA 10 BX 50 mcr	10"	50	2000	250	61	30
RA5115219	FA 10 BX 100 mcr	10"	100	2000	250	61	30
RA5117206	FA 20 BX 1 mcr	20"	1	3000	505	61	25
RA5117208	FA 20 BX 5 mcr	20"	5	3000	505	61	25
RA5117209	FA 20 BX 10 mcr	20"	10	3000	505	61	25
RA5117211	FA 20 BX 25 mcr	20"	25	3000	505	61	25
RA5117214	FA 20 BX 50 mcr	20"	50	3000	505	61	25
RA5117219	FA 20 BX 100 mcr	20"	100	3000	505	61	25

Ташев Галвинг ООД
www.tashev-galving.com

FLOW RATE vs PRESSURE DROP Δp

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



- 1 micron — blue line
- 5 micron — red line
- 10 micron — green line
- 25 micron — orange line
- 50 micron — light blue line
- 100 micron — black line

FA BIG

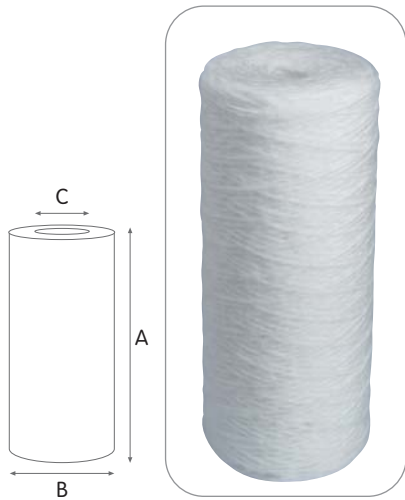
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Maintenance: none.

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 Inner core: polypropylene.



FA BIG SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

CODE	MODEL	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	NOMINAL FLOW/RATE l/h	DIMENSIONS MM		
					A	B	C
OD 4,65" x ID 1,10"							
RE5115506	FA 10 BIG SX 1 mcr	10"	1	2500	250	118	28
RE5115508	FA 10 BIG SX 5 mcr	10"	5	2500	250	118	28
RE5115509	FA 10 BIG SX 10 mcr	10"	10	2500	250	118	28
RE5115511	FA 10 BIG SX 25 mcr	10"	25	2500	250	118	28
RE5115514	FA 10 BIG SX 50 mcr	10"	50	2500	250	118	28
RE5115519	FA 10 BIG SX 100 mcr	10"	100	2500	250	118	28
RE5117506	FA 20 BIG SX 1 mcr	20"	1	4000	505	118	28
RE5117508	FA 20 BIG SX 5 mcr	20"	5	4000	505	118	28
RE5117509	FA 20 BIG SX 10 mcr	20"	10	4000	505	118	28
RE5117511	FA 20 BIG SX 25 mcr	20"	25	4000	505	118	28
RE5117514	FA 20 BIG SX 50 mcr	20"	50	4000	505	118	28
RE5117519	FA 20 BIG SX 100 mcr	20"	100	4000	505	118	28
RE5115520	FA 10 BIG MULTI LAYER SX 10 1 mcr	10"	10 - 1	2500	250	118	28
RE5115521	FA 10 BIG MULTI LAYER SX 25 1 mcr	10"	25 - 1	2500	250	118	28
RE5115522	FA 10 BIG MULTI LAYER SX 50 5 mcr	10"	50 - 5	2500	250	118	28
RE5115523	FA 10 BIG MULTI LAYER SX 50 10 mcr	10"	50 - 10	2500	250	118	28
RE5115528	FA 10 BIG MULTI LAYER SX 100 25 mcr	10"	100 - 25	2500	250	118	28
RE5115529	FA 10 BIG MULTI LAYER SX 100 50 mcr	10"	100 - 50	2500	250	118	28
RE5117520	FA 20 BIG MULTI LAYER SX 10 1 mcr	20"	10 - 1	4000	505	118	28
RE5117521	FA 20 BIG MULTI LAYER SX 25 1 mcr	20"	25 - 1	4000	505	118	28
RE5117522	FA 20 BIG MULTI LAYER SX 50 5 mcr	20"	50 - 5	4000	505	118	28
RE5117523	FA 20 BIG MULTI LAYER SX 50 10 mcr	20"	50 - 10	4000	505	118	28
RE5117528	FA 20 BIG MULTI LAYER SX 100 25 mcr	20"	100 - 25	4000	505	118	28
RE5117529	FA 20 BIG MULTI LAYER SX 100 50 mcr	20"	100 - 50	4000	505	118	28

- 1 micron — (blue line)
- 5 micron — (red line)
- 10 micron — (green line)
- 25 micron — (orange line)
- 50 micron — (light blue line)
- 100 micron — (black line)

FLOW RATE vs PRESSURE DROP Δp

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

