

## FA BIG Series

### Polypropylene string-wound filter cartridges

Designed for sediment reduction in a wide range of applications

Atlas Filtri® FA BIG are 4.5"OD double open ended filter cartridges manufactured in 10" and 20" lengths. They are made with polypropylene thread wound on a rigid polypropylene inner core, available in a variety of filter rates, from 1 to 100 micron. All models are offered as either a single-gradient filtration or dual gradient (Multi-layer) filtration.

FA wound cartridges are made of uniform and consistent polypropylene thread, strong and homogeneous, resulting in a larger filtration surface and improved efficiency. The blue inner core is built to achieve the maximum rigidity for every length. FA BIG cartridges are made to comply with the most stringent regulations for applications in drinking water.

Wound thread cartridges are a standard for filtration and pre-filtration in a variety of residential and commercial applications. The FA BIG series is suitable to many industrial applications due to a wide chemical-physical compatibility to a variety of water-based solutions.

Atlas Filtri is driven to providing our customers with the best available products to meet their filtration requirements. This is done by using the most advanced manufacturing and design methods. The international patents received come from a constant commitment to research and develop that result in new and innovative products.

Check out more about Atlas Filtri at [www.atlasfiltri.com](http://www.atlasfiltri.com)



FEATURES	SPECIFICATIONS	CERTIFICATIONS
<ul style="list-style-type: none"> <li>- 4.5"OD polypropylene string-wound.</li> <li>- Double open-ended models SX with lengths at 10" and 20".</li> <li>- Filter rates at 1, 5, 10, 25, 50, 100 micron.</li> <li>- Single and dual gradient (Multi-layer) filtration models</li> <li>- Improved surface area.</li> <li>- Rigid blue inner-core.</li> <li>- All polypropylene food-grade construction suitable for a variety of fluids.</li> </ul>	<p><b>Materials:</b>            Filter media: polypropylene.            Inner-core: polypropylene.</p> <p><b>Working conditions:</b>            Working temperature range:            Min 39.2°F (4°C) - Max 113°F (45°C).</p>	 <p>FA 10 BIG SX 25 mcr and FA 20 BIG SX 25 mcr are certified by <b>IAPMO RT to NSF/ANSI 42, 61, 372 - lead free, CSA B483.1</b>. Material Safety Only. In compliance with Drinking Water Treatment Units regulations, USA and Canada.</p>

**SX** Standard double open end (DOE) configuration.



## PRODUCTS SPECIFICATIONS and PERFORMANCE

Listed FA BIG SX are single-gradient filtration models.

PART NO.	MODEL	FILTER H	MICRON	MAX DIMENSIONS HxW	PRESSURE DROP@FLOW RATE
RE5115506	FA 10 BIG SX 1 mcr	10"	1	9.84"x4.50"x1.10" (250x110x28 mm)	1.74psi @15.85 gpm (0.12bar @60 lpm)
RE5110508	FA 10 BIG SX 5 mcr	10"	5	9.84"x4.50"x1.10" (250x110x28 mm)	1.31psi @15.85 gpm (0.09bar @60 lpm)
RE5110509	FA 10 BIG SX 10 mcr	10"	10	9.84"x4.50"x1.10" (250x110x28 mm)	1.09psi @15.85 gpm (0.075bar @60 lpm)
RE5115511	FA 10 BIG SX 25 mcr	10"	25	9.84"x4.50"x1.10" (250x110x28 mm)	1.02psi @15.85 gpm (0.07bar @60 lpm)
RE5115514	FA 10 BIG SX 50 mcr	10"	50	9.84"x4.50"x1.10" (250x110x28 mm)	0.87psi @15.85 gpm (0.06bar @60 lpm)
RE5115519	FA 10 BIG SX 100 mcr	10"	100	9.84"x4.50"x1.10" (250x110x28 mm)	0.73psi @15.85 gpm (0.05bar @60 lpm)
RE5117506	FA 20 BIG SX 1 mcr	20"	1	20"x4.50"x1.10" (508x110x28 mm)	3.48psi @15.85 gpm (0.24bar @60 lpm)
RE5117508	FA 20 BIG SX 5 mcr	20"	5	20"x4.50"x1.10" (508x110x28 mm)	2.62psi @15.85 gpm (0.18bar @60 lpm)
RE5117509	FA 20 BIG SX 10 mcr	20"	10	20"x4.50"x1.10" (508x110x28 mm)	2.32psi @15.85 gpm (0.15bar @60 lpm)
RE5117511	FA 20 BIG SX 25 mcr	20"	25	20"x4.50"x1.10" (508x110x28 mm)	2.04psi @15.85 gpm (0.14bar @60 lpm)
RE5117514	FA 20 BIG SX 50 mcr	20"	50	20"x4.50"x1.10" (508x110x28 mm)	1.74psi @15.85 gpm (0.12bar @60 lpm)
RE5117519	FA 20 BIG SX 100 mcr	20"	100	20"x4.50"x1.10" (508x110x28 mm)	1.45psi @15.85 gpm (0.10bar @60 lpm)

Listed FA BIG MULTI-LAYER SX are dual-gradient filtration models.

PART NO.	MODEL	FILTER H	MICRON	MAX DIMENSIONS HxW	PRESSURE DROP@FLOW RATE
RE5115520	FA 10 BIG SX 10 1 mcr	10"	10-1	9.84"x4.50"x1.10" (250x110x28 mm)	1.39psi @15.85 gpm (0.096bar @60 lpm)
RE5110521	FA 10 BIG SX 25 1 mcr	10"	25-1	9.84"x4.50"x1.10" (250x110x28 mm)	1.04psi @15.85 gpm (0.072bar @60 lpm)
RE5110522	FA 10 BIG SX 50 5 mcr	10"	50-5	9.84"x4.50"x1.10" (250x110x28 mm)	0.87psi @15.85 gpm (0.06bar @60 lpm)
RE5115523	FA 10 BIG SX 50 10 mcr	10"	50-10	9.84"x4.50"x1.10" (250x110x28 mm)	0.81psi @15.85 gpm (0.056bar @60 lpm)
RE5115528	FA 10 BIG SX 100 25 mcr	10"	100-25	9.84"x4.50"x1.10" (250x110x28 mm)	0.70psi @15.85 gpm (0.048bar @60 lpm)
RE5115529	FA 10 BIG SX 100 50 mcr	10"	100-50	9.84"x4.50"x1.10" (250x110x28 mm)	0.70psi @15.85 gpm (0.048bar @60 lpm)
RE5117520	FA 20 BIG SX 1 mcr	20"	10-1	20"x4.50"x1.10" (508x110x28 mm)	2.76psi @15.85 gpm (0.19ar @60 lpm)
RE5117521	FA 20 BIG SX 5 mcr	20"	25-1	20"x4.50"x1.10" (508x110x28 mm)	2.10psi @15.85 gpm (0.145bar @60 lpm)
RE5117522	FA 20 BIG SX 10 mcr	20"	50-5	20"x4.50"x1.10" (508x110x28 mm)	1.74psi @15.85 gpm (0.12bar @60 lpm)
RE5117523	FA 20 BIG SX 25 mcr	20"	50-10	20"x4.50"x1.10" (508x110x28 mm)	1.68psi @15.85 gpm (0.116bar @60 lpm)
RE5117528	FA 20 BIG SX 50 mcr	20"	100-25	20"x4.50"x1.10" (508x110x28 mm)	1.39psi @15.85 gpm (0.096bar @60 lpm)
RE5117529	FA 20 BIG SX 100 mcr	20"	100-50	20"x4.50"x1.10" (508x110x28 mm)	1.39psi @15.85 gpm (0.096bar @60 lpm)

ATLAS FILTRI® is a registered trade mark of ATLAS FILTRI srl. Unauthorized use of the registered trade mark is strictly forbidden. Images and texts are property of ATLAS FILTRI srl, which reserves the rights to change products design and specification without prior notice.



ATLAS FILTRI North America LLC

1068 North Farms Road Bldg. #3 - Wallingford, CT 06492, USA

Phone +1(203)284-0080 - Fax +1(203)294-9226 - e-mail: [atlasfiltrinorthamerica@atlasfiltri.com](mailto:atlasfiltrinorthamerica@atlasfiltri.com)

A Company of the Atlas Filtri Group. Headquarter and production in Italy. [www.atlasfiltri.com](http://www.atlasfiltri.com)