



FA BIG polypropylene wound thread

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

WORKING CONDITIONS

Max working temperature _____ 113°F (45°C)
 Min working temperature _____ 39.2°F (4°C)

SPECIFICATIONS

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

A range of 4.50" OD filter cartridges made with polypropylene thread 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 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 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 SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

PART NUMBER	MODEL DESCRIPTION	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE (gpm)	DIMENSIONS (inches)		
					A	B	C
OD 4.50" x ID 1.10"							
RE5115506	FA 10 BIG SX 1 mcr	10"	1	11.0	9.84	4.33	1.10
RE5115508	FA 10 BIG SX 5 mcr	10"	5	11.0	9.84	4.33	1.10
RE5115509	FA 10 BIG SX 10 mcr	10"	10	11.0	9.84	4.33	1.10
RE5115511	FA 10 BIG SX 25 mcr	10"	25	11.0	9.84	4.33	1.10
RE5115514	FA 10 BIG SX 50 mcr	10"	50	11.0	9.84	4.33	1.10
RE5115519	FA 10 BIG SX 100 mcr	10"	100	11.0	9.84	4.33	1.10
RE5117506	FA 20 BIG SX 1 mcr	20"	1	17.6	20.11	4.33	1.10
RE5117508	FA 20 BIG SX 5 mcr	20"	5	17.6	20.11	4.33	1.10
RE5117509	FA 20 BIG SX 10 mcr	20"	10	17.6	20.11	4.33	1.10
RE5117511	FA 20 BIG SX 25 mcr	20"	25	17.6	20.11	4.33	1.10
RE5117514	FA 20 BIG SX-50 mcr	20"	50	17.6	20.11	4.33	1.10
RE5117519	FA 20 BIG SX 100 mcr	20"	100	17.6	20.11	4.33	1.10

FA BIG MULTILAYER SX

WOUND POLYPROPYLENE THREAD CARTRIDGES WITH DOUBLE OPEN END (DOE)

PART NUMBER	MODEL DESCRIPTION	NOMINAL HEIGHT	NOMINAL FILTRATION MICRON	RECOMMENDED FLOW RATE (gpm)	DIMENSIONS (inches)		
					A	B	C
MULTILAYER OD 4.50" x ID 1.10"							
RE5115520	FA 10 BIG MULTILAYER SX 10 - 1 mcr	10"	10 - 1	11.0	9.84	4.33	1.10
RE5115521	FA 10 BIG MULTILAYER SX 25 - 1 mcr	10"	25 - 1	11.0	9.84	4.33	1.10
RE5115522	FA 10 BIG MULTILAYER SX 50 - 5 mcr	10"	50 - 5	11.0	9.84	4.33	1.10
RE5115523	FA 10 BIG MULTILAYER SX 50 - 10 mcr	10"	50 - 10	11.0	9.84	4.33	1.10
RE5115528	FA 10 BIG MULTILAYER SX 100 - 25 mcr	10"	100 - 25	11.0	9.84	4.33	1.10
RE5115529	FA 10 BIG MULTILAYER SX 100 - 50 mcr	10"	100 - 50	11.0	9.84	4.33	1.10
RE5117520	FA 20 BIG MULTILAYER SX 10 - 1 mcr	20"	10 - 1	17.6	20.11	4.33	1.10
RE5117521	FA 20 BIG MULTILAYER SX 25 - 1 mcr	20"	25 - 1	17.6	20.11	4.33	1.10
RE5117522	FA 20 BIG MULTILAYER SX 50 - 5 mcr	20"	50 - 5	17.6	20.11	4.33	1.10
RE5117523	FA 20 BIG MULTILAYER SX 50 - 10 mcr	20"	50 - 10	17.6	20.11	4.33	1.10
RE5117528	FA 20 BIG MULTILAYER SX 100 - 25 mcr	20"	100 - 25	17.6	20.11	4.33	1.10
RE5117529	FA 20 BIG MULTILAYER SX 100 - 50 mcr	20"	100 - 50	17.6	20.11	4.33	1.10

CERTIFICATION



FA 10 BIG SX 25 mcr and FA 20 BIG SX 25 mcr cartridges are certified by IAPMO R&T to NSF/ANSI 42 - Material Safety Only, 61, 372 - lead free, CSA B483.1 - Material Safety Only.



www.atlasfiltri.com

FLOW RATE vs PRESSURE DROP Δp

- Tests carried on 10" elements type FA 10 BIG SX.
 - Testing mode: 68°F - 43.5 psi (20°C - 3 bar)

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

