

SEDIMENT CARTRIDGES

Our Polypropylene wound cartridges are part of the depth and deforming cartridge series.

They are manufactured using only 100% pure non-toxic polypropylene yarn. This series offers an excellent ratio between cost/quality, even though usually referred to as "economic-type" they are manufactured so as to guarantee a high nominal filtration level. In this series we have 2 main types of Wound PP Cartridges

Wound Cartridge Carded Wash – Oil residual 0,07%

Because of its characteristics, this wash carded yarn is of superior quality. It is manufactured using only first choice raw materials and during the process of extrusion & twist it undergoes a wash treatment at very high temperatures eliminating oil residuals used beforehand of the manufacturing process itself. To increase its resistance, it is then carded and no further oils are added thus guaranteeing a completely non-toxic natural polypropylene yarn.

The yarn's appearance is uniform, homogenous and very strong. This will allow a very compact construction of the cartridge itself and through a precise pattern mounting, it will achieve remarkable increase in the filtration surface. Therefore as a consequence, an increase in cartridge life. All this to achieve a higher filtration efficiency at an excellent cost/quality ratio.

Wound Cartridge Open-end Wash – Oil residual 0,2%

This yarn is manufactured using machinery that allows a shorter production period and therefore a more economically priced product. The raw material used for this product is exactly the same as the Wash Carded type. The only difference is that it is not carded after the process of extrusion & twist but simple manufactured around a BCF (by extrusion spun yarn) making it compact and uniform. Although less compact than the carded one, it still yields a satisfying filtration performance at lower costs. Amongst the inconveniences of this cartridge is that at the beginning of use

it creates a small amount of foam that after a short period will disappear. Even if the foam is non-toxic, in certain applications it could cause minor problems to the post-filtration unit. Therefore it is important to know were such cartridge will be applied to avoid any inconvenience.

The inside core of the filter is rigid and in Polypropylene which guarantees stability. The lengths range from 4" to 40" and the micron range from 1 to 100.

FLOW RATE (lt/h)

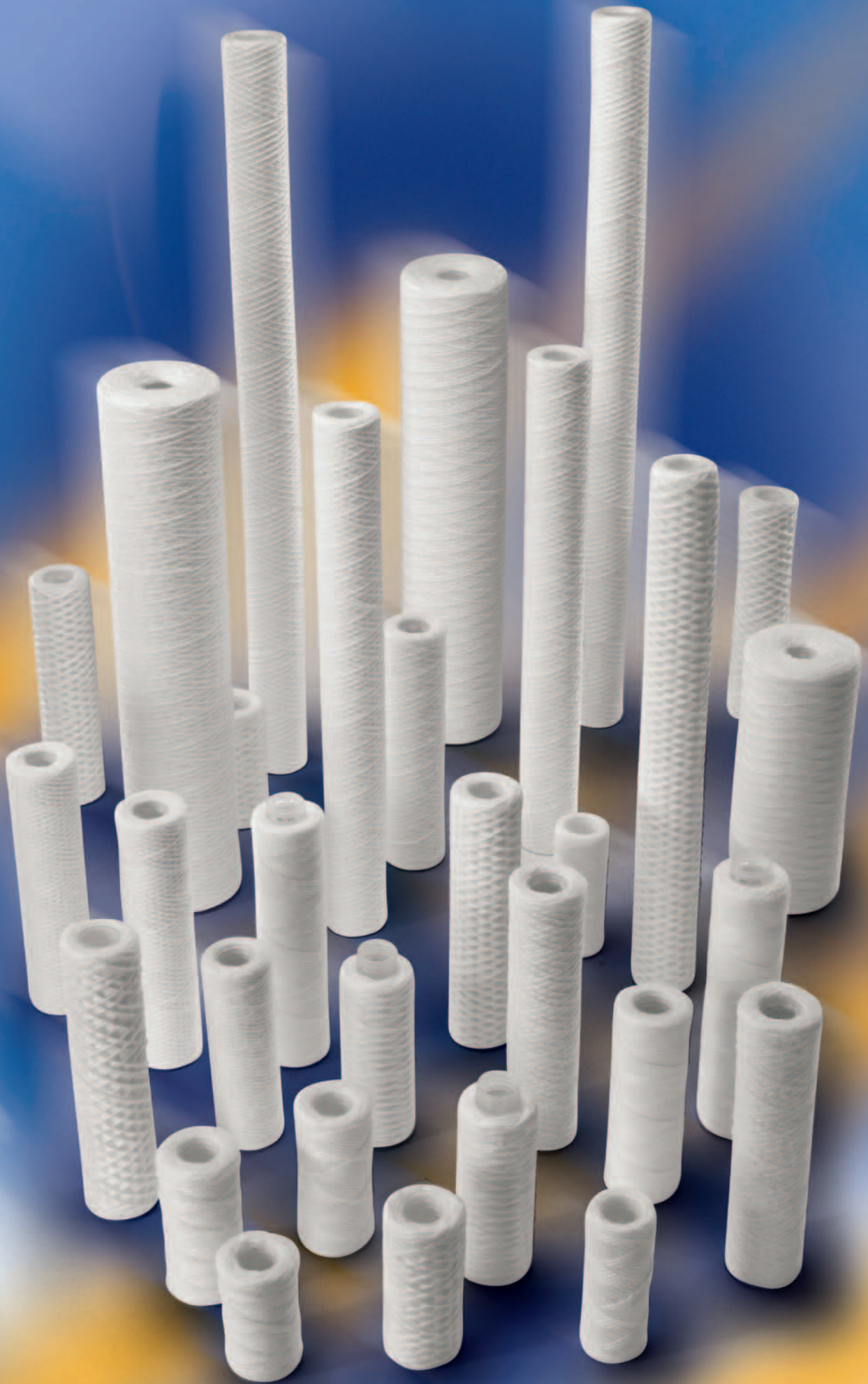
MICRON		9"3/4	20"	30"	40"
1	FA	300	600	900	1200
1	FA-BIG	300	600	900	1200
3	FA	500	1000	1500	2000
5	FA	800	1600	2400	3200
5	FA-BIG	800	1600	2400	3200
5	FA-LFH	1000			
10	FA	1100	2200	3300	4000
10	FA-BIG	1100	2200	3300	4000
20	FA	1700	2500	3400	4000
20	FA-BIG	1700	2500	3400	4000
20	FA-LFH	2000			
30	FA	1800	2600	3500	4000
50	FA	1900	2600	3500	4000
50	FA-BIG	1900	2600	3500	4000
100	FA	2000	2800	3600	4000
100	FA-BIG	2000	2800	3600	4000

Applications:

Water treatment, Electronic/Nuclear, Biotechnology/Fine chemicals, Food/Beverage, Coatings/Resins, General Industrial, Bulk chemicals/Petrochemicals, Galvanic.

FA line

depth cartridges



FA

TECHNICAL FEATURES

Raw material:	100% PP
Core:	100% PP
Outer cage:	—
End caps:	DOE
O-Ring / Gasket:	—
Length:	4"-5"-7"-9"3/4-10"-20"30"-40"
Inner diameter:	28 mm
Outer diameter:	61 mm
Micron rating:	1/3/5/10/20/30/50/100
Efficiency:	80%
Pressure:	
Max working pressure:	6 bar
Max diferencial pressure:	0,8 bar
Temperature:	
Max working temperature:	80°C

FA

Raw material:	100% PP
Core:	100% PP
Outer cage:	—
End caps:	DOE
O-Ring / Gasket:	—
Length:	4"-5"-7"-9"3/4-10"-20"30"-40"
Inner diameter:	28 mm
Outer diameter:	61 mm
Micron rating:	1/3/5/10/20/30/50/100
Efficiency:	80%
Pressure:	
Max working pressure:	6 bar
Max diferencial pressure:	0,8 bar
Temperature:	
Max working temperature:	80°C

Note: Max water flow rate at 20°C and diferencial pressure 0,15 bar



WOUND PP CARTRIDGES series FA

COD	QUANTITY	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
	package			box		box	
A4010010	2	1	4"	180	13,10	0,077	
A4010020	2	3	4"	180	12,60	0,077	
A4010030	2	5	4"	180	12,60	0,077	
A4010040	2	10	4"	180	11,70	0,077	
A4010050	2	20	4"	180	11,70	0,077	
A4010060	2	30	4"	180	11,70	0,077	
A4010070	2	50	4"	180	11,70	0,077	
A4010080	2	100	4"	180	11,70	0,077	
A4010090	2	1	5"	144	13,70	0,077	
A4010100	2	3	5"	144	13,30	0,077	
A4010110	2	5	5"	144	13,30	0,077	
A4010120	2	10	5"	144	13,10	0,077	
A4010130	2	20	5"	144	13,10	0,077	
A4010140	2	30	5"	144	13,10	0,077	
A4010150	2	50	5"	144	12,50	0,077	
A4010160	2	100	5"	144	12,50	0,077	
A4010170	2	1	7"	108	16,00	0,077	
A4010180	2	3	7"	108	16,00	0,077	
A4010190	2	5	7"	108	16,00	0,077	
A4010200	2	10	7"	108	14,30	0,077	
A4010210	2	20	7"	108	14,30	0,077	
A4010220	2	30	7"	108	14,30	0,077	
A4010230	2	50	7"	108	14,30	0,077	
A4010240	2	100	7"	108	14,30	0,077	
A4010250	2	1	9"3/4	72	19,20	0,077	
A4010260	2	3	9"3/4	72	14,90	0,077	
A4010270	2	5	9"3/4	72	19,20	0,077	
A4010280	2	10	9"3/4	72	14,90	0,077	
A4010290	2	20	9"3/4	72	13,60	0,077	
A4010300	2	30	9"3/4	72	13,60	0,077	
A4010310	2	50	9"3/4	72	13,60	0,077	
A4010320	2	100	9"3/4	72	13,60	0,077	

COD	QUANTITY	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
	package			box		box	
A4010330	2	1	10"	72	19,60	0,077	
A4010340	2	3	10"	72	19,60	0,077	
A4010350	2	5	10"	72	15,30	0,077	
A4010360	2	10	10"	72	15,30	0,077	
A4010370	2	20	10"	72	13,50	0,077	
A4010380	2	30	10"	72	13,50	0,077	
A4010390	2	50	10"	72	13,50	0,077	
A4010400	2	100	10"	72	13,50	0,077	
A4010410	1	1	20"	36	16,30	0,077	
A4010420	1	3	20"	36	16,30	0,077	
A4010430	1	5	20"	36	14,40	0,077	
A4010440	1	10	20"	36	14,40	0,077	
A4010450	1	20	20"	36	13,20	0,077	
A4010460	1	30	20"	36	13,20	0,077	
A4010470	1	50	20"	36	13,20	0,077	
A4010480	1	100	20"	36	12,30	0,077	
A4010490	1	1	30"	20	13,30	0,088	
A4010500	1	3	30"	20	13,30	0,088	
A4010510	1	5	30"	20	12,00	0,088	
A4010520	1	10	30"	20	12,00	0,088	
A4010530	1	20	30"	20	10,60	0,088	
A4010540	1	30	30"	20	10,60	0,088	
A4010550	1	50	30"	20	10,60	0,088	
A4010560	1	100	30"	20	10,20	0,088	
A4010570	1	1	40"	20	19,10	1,150	
A4010580	1	3	40"	20	19,10	1,150	
A4010590	1	5	40"	20	17,80	1,150	
A4010600	1	10	40"	20	17,80	1,150	
A4010610	1	20	40"	20	17,00	1,150	
A4010620	1	30	40"	20	17,00	1,150	
A4010630	1	50	40"	20	17,00	1,150	
A4010640	1	100	40"	20	16,50	1,150	

FA

TECHNICAL FEATURES	FA AQUA BIG	FA AQUA KID	FA-LFH (wound PP open end)
Raw material:	100% PP		
Core:	100% PP		
Outer cage:	—	—	—
End caps:	DOE	DOE	DOE
O-Ring / Gasket:	—	—	—
Length:	9"3/4-20"	5"	5"-7"-9"3/4
Inner diameter:	28 mm	28 mm	28 mm
Outer diameter:	114 mm	50 mm	56 mm
Micron rating:	1/5/10/20/50/100	1/5/10/20/50	5/20
Efficiency:	80%	80%	70%
Pressure:			
Max working pressure:	6 bar	6 bar	6 bar
Max diferential pressure:	0,8 bar	0,8 bar	0,8 bar
Temperature:			
Max working temperature:	80°C	80°C	80°C

Note: Max water flow rate at 20°C and diferential pressure 0,15 bar



WOUND PP CARTRIDGES series FA for 1"1/4-1"1/2 -2" inlets/outlets

COD	QUANTITY	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
	package			box			
A4011450	2	5	7"	108	16,00	0,077	
A4011440	2	20	7"	108	14,30	0,077	
A4010680	2	100	7"	108	14,30	0,077	
A4010790	2	5	9"3/4	72	14,90	0,077	
A4010690	2	20	9"3/4	72	13,60	0,077	
A4011460	2	100	9"3/4	72	13,60	0,077	

WOUND PP CARTRIDGES series FA AQUA KID

COD	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
			box			
A4011360	1	5"	200	13,90	0,077	
A4011390	5	5"	200	12,70	0,077	
A4011420	10	5"	200	12,70	0,077	
A4010720	20	5"	200	12,90	0,077	
A4011430	50	5"	200	12,90	0,077	
A4011830	1	9"3/4	110	13,90	0,077	
A4011840	5	9"3/4	110	12,70	0,077	
A4011850	10	9"3/4	110	12,70	0,077	
A4011860	20	9"3/4	110	12,90	0,077	
A4011870	50	9"3/4	110	12,90	0,077	

WOUND PP CARTRIDGES series FA AQUA BIG

COD	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
			box			
A4010780	1	9"3/4	18	15,40	0,077	
A4010650	5	9"3/4	18	14,60	0,077	
A4010770	10	9"3/4	18	14,60	0,077	
A4010660	20	9"3/4	18	14,60	0,077	
A4011400	50	9"3/4	18	12,40	0,077	
A4011200	100	9"3/4	18	12,40	0,077	
A4010900	1	20"	9	17,60	0,077	
A4010700	5	20"	9	16,70	0,077	
A4011410	10	20"	9	16,70	0,077	
A4010710	20	20"	9	16,70	0,077	
A4010890	50	20"	9	13,50	0,077	
A4011140	100	20"	9	13,50	0,077	

WOUND PP CARTRIDGES series FA-LFH - Ø 60 mm. (OPENEND YARN)

COD	MICRON	LENGTH	QUANTITY	Kg	VOLUME	
			box			
A4280980	5	5"	144	12,20	0,077	
A4280940	20	5"	144	12,20	0,077	
A4280990	5	7"	108	13,00	0,077	
A4280950	20	7"	108	13,70	0,077	
A4280920	5	9"3/4	72	12,60	0,077	
A4280750	20	9"3/4	72	12,60	0,077	