

10 " / 20 " PP sediment filter cartridge for water treatment



PP water filter Cartridges

PP cartridge is avirulent insipidity of polypropylene particles, through heat melt, silk, traction, accept to the forming tubular filter. The main material is polypropylene primarily. It is not only widely used in water treatment, water filter and reverse osmosis system to remove bacteria, heavy metal, dust and other harmful substances. It also has the outstanding chemical compatibility, that used in strong acid, strong alkali and organic solvents. Carrying ability, long service life and low cost.

Melt blown PP cartridge



CZ



CORP



SPA

String wound PP cartridge



CORP SPA
Pleated PP cartridge



Specifications

Items		Details
Filter fineness		1µm, 5µm, 10µm, 20µm, 30µm, 50µm, 75µm, 100µm
Filter length		10', 20', 30'
Core diameter		φ55mm, φ63mm, φ65mm
Filter inside		φ28mm
maximum resistance temperature	polypropylene	60°C
	degreasing cotton	120°C
maximum pressure		1.0MPa@25°C
Positive pressure differential		0.4MPa@25°C
negative pressure differential		0.1MPa@25°C
Connection Type		Surface pressure
material attached		polypropylene

Dimension

PP-10	PP-20	PP-10B	PP-20B
H: 10inch	H: 20inch	H: 10inch	H: 20inch
ID: 28mm	ID: 28mm	ID: 28mm	ID: 28mm
OD: 63mm	OD: 63mm	OD: 114mm	OD: 114mm

Properties

Filtration Accuracy (µm)	Start Pressure(kPa)		Filter out particles	Air flow rate (m ³ /h)		DOP(0.3µm) Accuracy%
	A,B,C	P		A,B,C	P	
1	10.5	18.2	0.5	11.9	8.33	99.9999
2	8.4	13.3	1	13.6	9.01	99.9999
5	5.6	5.6	2.5	22.1	22.1	99.99
7	3.5	3.5	5	34	34	99.99
10	2.1	2.1	7.5	54.4	54.4	99.2
15	1.05	1.05	10	83.3	83.3	88
20	0.7	0.7	12	158.1	158.1	84.8
40	0.35	0.35	20	408	408	48.3
70	<0.35	<0.35	45	964	964	34
90	<0.35	<0.35	60	1428	1428	25