13550 S. Gessner, Missouri City, Texas 77489
877-781-8777 Toll Free • 281-933-5777
waterworldusa.com

STRUCTURE

PP Spun filter cartridge is a tube-shaped product, which is made of polypropylene through melting, spraying, drawing, receiving and processes. Standard PP filters are in a weight range of 90-150g per 10". And their micron range is 1 - 50micron.

FEATURES

- Stable performance

SPECIFICATION

- Length: 250㎜(10”) 500㎜(20”) 750㎜(30”) 1000㎜(40”)
- Diameter: Outer diameter: Ø 63±2㎜ Inner diameter: Ø30㎜ Ø28㎜
- Micron Rate: 1, 3, 5, 10, 20, 30, 50μm
- Operation pressure drop: 0.01 Mpa (1.45psi) Max pressure: 0.4 Mpa (58psi)
- Max pressure drop: 0.2Mpa(29psi) Max temperature: 60℃(140℉)

TYPICAL APPLICATIONS

- PCB & metal finishing
- Food & beverage
- Pre- RO
- Water treatment

TABLE 1

TECHNICAL INDEX :

Item	Normal precision μm	Initial precision μm	Max particles μm	Water flow L/min
PP-1	1	10-15	15	10
PP-3	3	15-25	25	14
PP-5	5	25-35	35	17
PP-10	10	30-40	40	20
PP-20	20	35-50	50	24
PP-30	30	40-60	60	28
PP-50	50	60-90	90	32
PP-75	75	90-110	110	34
PP-100	100	110-130	130	38

A: These flow values are for 10” filter cartridge under pressure difference of 0.015Mpa(2.17psi).
B: Filtering efficiency of the initial precision is 95%.
C: Filtering efficiency of the max particles is 99%.

TABLE 2

DIRT HOLDING COMPARISON

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TABLE 3

ORDERING INFORMATION

SF PP 20- 5 D 63 * 28 W 220
1 2 3 4 5 6 7 8 9

1.	Brand name （optional）
2.	Filter type- W= string wound, PP= melt blown, PPL= PP pleated, CTO= carbon block
3.	Length- 10/20/30/40, inches. 250/500/750/1000, mm.
4.	Rating- 0.5/1/3/5/10/25/50/75/100/150/200/250/300 microns
5.	D= diameter, follow by diameters, outer diameter * inner diameter in mm
6.	Outer diameter: 60/63/110/152 mm
7.	Inner diameter: 28/30mm
8.	W= weight
9.	Weight- in grams
10.	Additional info- C= pp inner core, G= grooved/slotted, P= pressed/linded, BB= big blue

CPPM	64	005	10	H	S
Materials: please see above Filter Cartridge Code Identification	**OD(mm)** 043=43mm 064=64mm 068=68mm 114=114mm Customer's design can be provided	**Micro Rating(μm)** 05A=0.5μm 001=1μm 005=5μm 010=10μm 025=25μm 050=50μm 075=75μm 100=100μm	**Length (inch/mm)** 0.5=5"(127mm) 10=10"(254mm) 10A=9-3/4" (247mm) 10B=9-7/8" (250mm) 20=20"(508mm) 30=30"(762mm) 40=40"(1016mm) 50=50"(1270mm)	**Adapter** A:SOE226 flat O-ring B:SOE222 flat O-ring C:SOE222 spear D:SOE226 spear H:DOE Double	**Seal Ring Material** B:Buna rubber S:Silicon E:EPDM V:Viton

PP series standard melt blown filter cartridges