

# *Extenfiber String Wound Filter Cartridges*

Extenfiber String Wound Filter Cartridges are specially designed and developed for boiler water systems of power production facilities. Manufactured of continuous filament yarn along with strong spiral stainless steel center cores, the Extenfiber filter cartridges are greatly improved in integrity and durability and therefore avoid fiber deterioration during process. Extensive length of filter cartridge yields higher output, making Extenfiber an ideal option to meet requirement of increasingly stringent boiler feed water with high flow rate.

- ***Continuous filament yarn results in improved removal efficiency and service lifespan, preventing fiber migration during process.***
- ***Spiral stainless steel center core greatly enhances integrity and durability and avoids product deterioration in stringent boiler feed water systems.***
- ***Extended stainless steel thread adapter makes element change-out quick and easy.***
- ***Extensive length of filter cartridge exhibits higher output and longer service life, providing an economic option for processes requiring big flow rate.***

## Applications

Pre RO, Cooling Water, Boiler Water, Plating Solutions, Petrochemical Processes, Electronics, Solvents, Inks

## Specifications

| | |
|---|---|
| Filter Media | Polypropylene |
| Micron Rating | 1, 5 µm |
| Core Material | SUS304 |
| Inside Diameter | 1.1"(28mm) |
| Outside Diameter | 2.4"(61mm), 2.5"(63mm) |

## Operation Data

Maximum Operating Temperature :Maximum Differential 70°C (158°F)
Pressure: 2.7 bar at 27°C (50 psi at 80°F)
1.4 bar at 60°C (20 psi at 140°F)
1.0 bar at 80°C (14 psi at 176°F)
Recommended Change Out Differential Pressure : 2.0 bar (29 psi)

**For more information:**
**WEB**: FLTR.com.au **PHONE**: (+61) 1300 62 4020 **EMAIL**: info@FLTR.com.au **SKYPE**: Purple.Engineering

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## Ordering Information

| Type | Series | Micron Rating | Filter Material | Nominal Length (inch/mm) | Core Material | End Cap Style |
|---|---|---|---|---|---|---|
| **SW** String Wound Filter Cartridge | **L** - Extenfiber | **1** – 1 µm<br>**5** – 5 µm | **P** - Polypropylene | **60** - 1524<br>**70** - 1778<br>Other Customized Sizes | **4** - SUS304 | **EX** - Extended Core<br>**T24** - Extended Thread Adapter 1 3/16"(1.19") 24 threads/inch<br>**T20** - Extended Thread Adapter 1/4" 20 threads/inch |
| **SW** String Wound Filter Cartridge | **L** Extenfiber | **1** 1µm | **P** Polypropylene | **70** 70"(1778mm) | **4** SUS304 | **EX** Extended Core |

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