

**Expect the best, pay less!**



## **Introduction**

Clear World Filters is a global operating manufacturer of industrial filters. Clear World Filters is continuously expanding its product catalogue and dealer network. The scale on which Clear World Filters operates ensures its customers the best possible price and a high quality product.

The filtration process is aimed at the protection of staff and the environment, product quality and the efficiency of the production process. Our filters meet the highest quality standards within the industry.

The broad product range in combination with a very favorable price/quality ratio makes Clear World Filters the house brand for dealers all over the world.

We pride ourselves in the quality and consistency of the quality of all our products. Our processes and logistics are under supervision of our quality department.

## **Important Features**

- Available 24 hours a day, 365 days a year
- Large interchange program
- Expect the best, pay less!

## Product Specifications

Media	Bleached Cotton, Natural Cotton, Rayon, Fiberglass, Polypropylene, Polyester, Nylon
Core	Tinned Steel, Polypropylene, 304 Stainless Steel, 316 Stainless Steel
End Caps	Polyester, Polypropylene, Nylon
End Caps Styles	Double Open End, 222/Flat, 226/Flat, 226/Fin
End Cap Accessories	Spring, Core Extender
Gaskets	Buna-N, Viton, EPDM, Teflon, Silicone
Element Dimensions <ul style="list-style-type: none"> <li>• Diameter outside</li> <li>• Length</li> </ul>	Standard 63 mm and 114 mm* 248 mm up to 1829 mm *
Particle Removal Ratings Available	0.5, 1, 3, 5, 10, 20, 25, 50, 100, 150, 200*

\*Other specifications upon request

## Filter Core Selection Guide

Core	Maximum Temperature	Characteristics
Tinned Steel	204 °C	For beverages. General purpose applications.
Polypropylene	49 °C	For lower temperature applications of corrosive fluids.
304 Stainless Steel	399 °C	For high temperature dilute acids and moderately corrosive fluids.
316 Stainless Steel	399 °C	For high temperature applications and highly corrosive fluids.

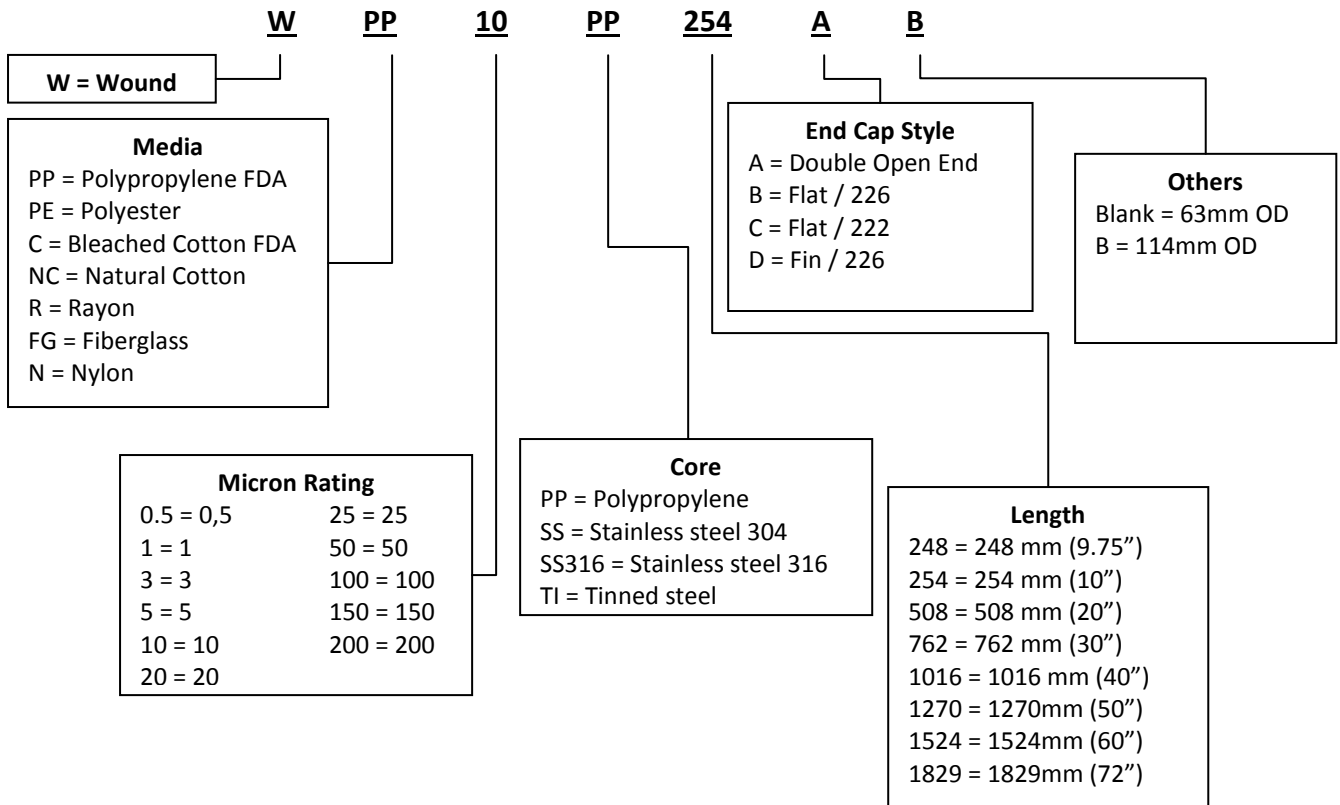
### Applications

- Paint
- Pigments
- Lacquer
- Varnish
- Ink
- Wax
- Coolants
- Cutting fluids
- Food products
- Oil derivatives
- Process water

### Benefits

- Continuously wound element with a length of 50 mm up to 1828 mm (2" up to 72")
- No bypass or loss of filtration area due to all products are continuously wound around a single core
- Advanced computer controlled production process ensuring continuous quality
- Available in 0.5 to 200 micron
- Wide range of materials for media, core and end caps for temperature and chemical resistance
- A high dirt holding capacity
- Packed individually

**Model Identification**



**Filter Media Selection Guide**

Media	Maximum Temperature	Characteristics
Bleached Cotton	150 °C	For potable liquids, vegetable oils, beverages, organic solvents, water, dilute acids, petroleum oils and other services.
Natural Cotton	150 °C	Used for the same applications as 'Bleached Cotton'
Rayon	150 °C	Chemical compatibility similar to cotton. Used primarily in filtration of petroleum oils.
Fiberglass	399 °C	Filtration of organic acids, organic solvents, petroleum oils, mineral acids and other corrosive or high temperature services.
Polypropylene	66 °C	Filtration of water, potable liquids, animal and vegetable oils, organic acids, alkalis and many other chemicals.
Polyester	121 °C	Chemical compatibility similar to cotton and polypropylene. Has higher temperature resistance than polypropylene in most cases.
Nylon	177 °C	Used for special process applications, concentrated alkalis and hydrocarbons.

### Flow Characteristics

