

# W Series

## Wound Depth Cartridges

### Premium Series



C US  
Component  
WPP Wound Depth  
Cartridges are  
tested and certified  
by WQA to:  
NSF/ANSI 61  
Standard,  
NSF/ANSI  
Standard 42  
for material  
safety only,  
Standards CSA  
B483.1 and NSF/  
ANSI 372 for lead  
free compliance.



## Applications

- 1 Component Wash Fluids
- 2 Coolants
- 3 Cutting Fluids
- 4 Fuels
- 5 Light Oil
- 6 Aqueous Solutions
- 7 Water
- 8 Water Glycols
- 9 Mineral and Synthetic Oils
- 10 Lubricants
- 11 Solvents

# neo•PURE<sup>®</sup>

Filtration Products

Residential / Commercial / Industrial  
Filtration Applications

## Standard Features

- Manufactured in the USA
- Suitable for filtration of liquids, compressed air and gases
- Precision winding patterns ensure accurate filtration ratings and high retention efficiencies
- Cost effective and proven versus spun-bond, melt blown and resin-bonded filter cartridges
- High dirt-holding capacity
- Reduces sand, silt, rust and scale particles
- Polypropylene and cotton elements are FDA acceptable under CFR Title 21 for food and potable water contact
- Filters available in standard 2-1/2" and 4-1/2" (BB-style) cartridge diameters

## Product Specifications

### Micron Sizes

1, 5, 10, 20, 30, 50 and 100 microns

### Nominal Lengths

9-7/8", 20", 30", and 40"

Custom lengths available upon request

### Inside and Outside Diameters

1" ID, 2-1/2" and 4-1/2" OD

### Maximum Operating Temperature

Standard Polypropylene Core Media good for 180 °F (82 °C) temperature limit\*

High temperature cartridges are available

### Recommended Change-Out Differential Pressure

20 psid (1.4 bar)

### Materials of Construction

Filter Media: Natural Cotton

Core: Polypropylene

### Note:

2-1/2", 4-1/2" OD by 9-7/8" L and 20" L cartridges are wrapped

30" and 40" L cartridges are not wrapped

### FDA AND USP COMPLIANCE

FDA Polypropylene filters are manufactured with materials that comply with FDA requirements for food contact per CFR Title 21 Core: Polypropylene End Caps: Vinyl Plastisol.

\* Temperature limits vary and depend on pressure and time under load.

# Ordering Guide (Example: WPP-25098-20-TP226fS)

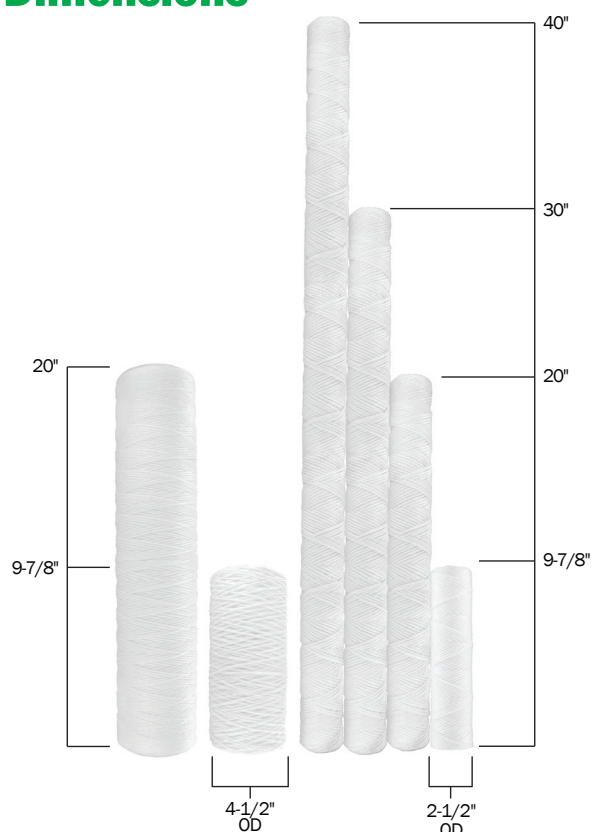
| W              | PP   | - 25                   | 098   | - 20 -                                | T  | P   | 226f  | S  |
|----------------|--|------------------------|---|---------------------------------------|--|---|---|--|
| WOUND          | MEDIA  | CARTRIDGE DIAMETER     | CARTRIDGE LENGTH  | MICRON RATING                         | CORE MATERIAL  | CORE COVER  | END CAP   | GASKET   |
| W = Standard ✓ | PP = Polypropylene<br>NC = Natural Cotton<br>BC = Bleached Cotton FDA<br>PY = Polyester<br>RY = Rayon<br>FDA = Polypropylene ✓ | 25 = 2.5"<br>45 = 4.5" | 098 = 9-7/8"<br>200 = 20"<br>300 = 30" **<br>400 = 40" ** | 1<br>5<br>10<br>20<br>30<br>50<br>100 | Blank = Polypropylene (Standard) ✓<br>T = Tinned Steel<br>4 = 304<br>Stainless Steel<br>6 = 316<br>Stainless Steel | Blank = No Cover ✓ (Standard)<br>PP = Polypropylene<br>PE = Polyester<br>NY = Nylon<br>X = Custom | Blank = DOE (Standard) ✓<br>DOE/gasket = DOEG<br>222/flat = 222f ✓<br>222/fin = 222n ✓<br>222/spring = 222s ✓<br>226/flat = 226f<br>226/fin = 226n<br>226/spring = 226s<br>SOE/flat = SOEf<br>SOE/fin = SOEn<br>SOE/spring = SOEs ✓<br>Z = Custom | Blank = Buna ✓ (Standard)<br>V = Viton®<br>T = Teflon®<br>S = Silicone ✓<br>N = Neoprene<br>E = EPDM |

\*Only DOE end caps are available for the 4.5" diameter cartridge.

\*\*No wrap on 30" or 40" lengths.

✓ The following cartridge combinations have been Tested and Certified to NSF/ANSI 42 for material safety only, NSF/ANSI 61, NSF/ANSI 372, and CSA B483.1.  
Custom lengths and micron sizes available upon request.

## Dimensions



## Available End Cap Configurations



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## Case Packs

| DIMENSIONS      | QUANTITY |
|-----------------|----------|
| 2-1/2" x 9-7/8" | 50       |
| 2-1/2" x 20"    | 25       |
| 2-1/2" x 30"    | 25       |
| 2-1/2" x 40"    | 25       |
| 4-1/2" x 9-7/8" | 12       |
| 4-1/2" x 20"    | 6        |

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## Questions?

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