

# W Series

## Wound Depth Cartridges

### Premium Series



*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 Ratings

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

### Cartridge 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

E - Polypropylene FDA

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: FDA Polypropylene

Core: Polypropylene

\*Temperature ratings vary and depend on pressure and time under load



## Applications

- Component Wash Fluids
- Coolants
- Cutting Fluids
- Fuels
- Light Oil
- Aqueous Solutions
- Water
- Water Glycols
- Mineral and Synthetic Oils
- Lubricants
- Solvents



WPP Wound Depth Cartridges are tested and certified by WQA to: NSF/ANSI 61 Standard & NSF/ANSI Standard 42 for material safety only

# Ordering Guide (Example: WPP-25098-20-PP226fS)

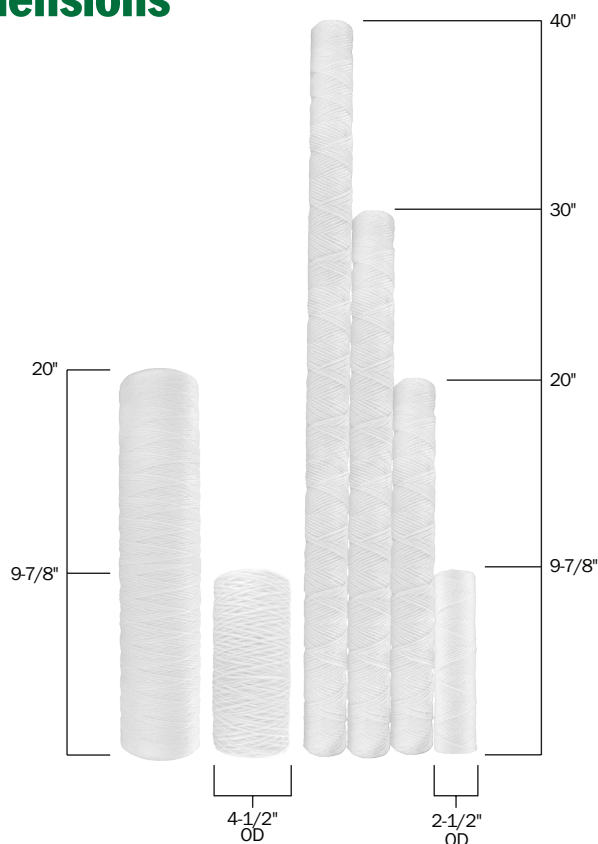
W	PP	25	098	20	T	PP	226f	S
WOUND	MEDIA	CARTRIDGE DIAMETER	CARTRIDGE LENGTH	MICRON RATING	CORE MATERIAL	CORE COVER	END CAP	GASKET
W = standard✓ WQ = Ink and Paint	PP = Polypropylene FDA ✓ NC = Natural Cotton BC = Bleached Cotton FDA PE = Polyester RY = Rayon	25 = 2.5" 45 = 4.5" *	098 = 9-7/8" 200 = 20"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

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

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

Custom lengths and micron sizes available upon request

## Dimensions



✓ The following cartridge combinations have been Tested & Certified to:  
NSF/ANSI 61 Standard  
NSF/ANSI 42 Standard - Component

## Available End Cap Configurations



All Illustrations © Copyright 2014  
Neologic Solutions. All Rights Reserved.

## 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



Authorized MAHLE-Nowata Distributor & Representative

For pricing and information please call  
Commercial Filtration Supply at (855)-236-0467

Visit us Online at: [www.commercialfiltrationsupply.com](http://www.commercialfiltrationsupply.com)  
for more filtration products.