

### DW Series Precision Wound Filter Cartridges

*Ask us about DW Series filters certified to NSF/ANSI 61!*

Midwest Filter's DW string wound filters remove solids from water, process fluids, and compressed gasses, providing economical solutions to protect processes, people, and the environment. These depth filters are available with numerous material options for filter media, cores, and core covers. A wide variety of end fittings enable proper fit into most single-round and multi-round filter housings. DW cartridges are available with nominal micron ratings from 0.5 to 200 in continuous lengths from 3" to 72" and diameters from 2" to 4.5". Optional core covers assure superior particle removal for critical applications. DW string wound cartridges are manufactured in Midwest Filter's West Chicago filtrations headquarters with high-speed winding machinery, producing precise diamond patterns which define the micron ratings. From pre-filtration to polishing applications, for potable water to aggressive chemicals, DW string wound filters by Midwest Filter, provide the progressive depth filtration with high sediment holding capacity demanded by the industry.



*DW Series string wound filter cartridges are available in a variety of sizes and configurations*

#### Applications

- Potable water
- Process water
- Pre-filtration for membrane/reverse osmosis (RO) systems
- Food and beverage
- Chemicals, acids, bases
- Oils, fuels, solvents
- Plating solutions, electronics, circuit board
- Produced water and waste, fracking

#### Benefits

- Wide range of materials to ensure process compatibility
- Variety of sizes and configurations to ensure proper sizing, fit, and sealing
- High sediment holding capacity for longer time between filter changes
- Continuous lengths up to 72"
- Technical support
- Fast lead times

#### Box Quantities by length

##### 2-3/8" to 2-1/2" Diameter

10"	Length	30/Box
20"	Length	15/Box
30"	Length	15/Box
40"	Length	15/Box
50"	Length	20/Box

##### 4-1/2" Diameter

10"	Length	12/Box
20"	Length	6/Box
30"	Length	3/Box

## Liquid Filter Data Sheet

### Specifications

**Cartridge ID:**  
1" nominal standard

**Cartridge OD:**  
2" to 4 1/2"

**Length:**  
3" to 72"  
Special lengths available

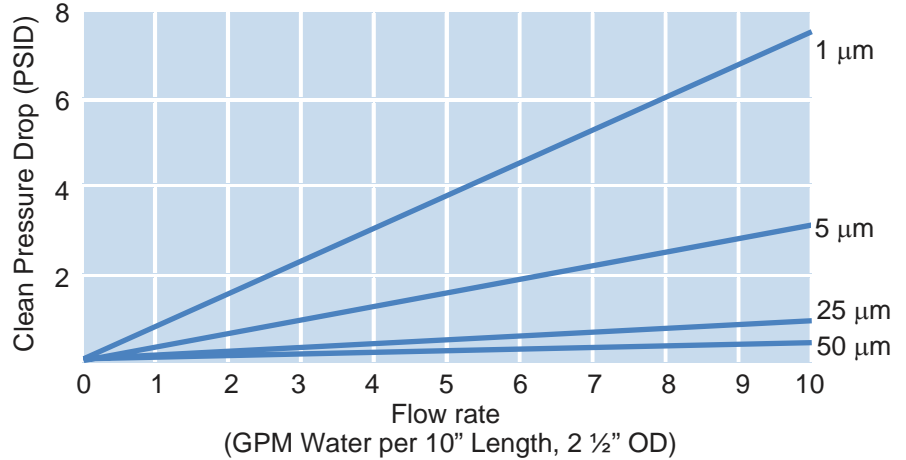
**Efficiency:** 90% nominal; 80% below 3 micron

**Maximum Differential Pressure (DP):**  
60 PSID (4 Bar)

**Recommended Maximum Change-Out DP:**  
30 PSID (2 Bar)



### Pressure Drop vs. Flow Rate (Polypropylene and Nylon Media)



Note: Please consult factory for data on other media and fluids.

Max Temperature			
Media	Polypro Core	Tin Core	SST Core
Polypropylene	180 F	180 F	180 F
Cotton	180 F	250 F	250 F
Rayon	180 F	275 F	275 F
Nylon	180 F	275 F	275 F
Polyester	180 F	300 F	300 F
Fiberglass	180 F	400 F	750 F

Please contact our sales team for product configurations not offered by Filterbag.com

**Example:**  
DW-5-01-30-1-D-E-ISW

**DW - 5 - 01 - 30 - 1 - D - E - ISW**

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**Micron Rating**    **Filter Media**    **Length**    **Core Type**    **Outside Diameter**    **Option**

### DW Model/Code Ordering Info

MICRON RATING	FILTER MEDIA	LENGTH INCHES	CORE TYPE	OUTSIDE DIAMETER	OPTIONS	O-RINGS
0.5	01 - FDA polypropylene	3	1 - Polypropylene	A- 2"	N - Polyester core cover	<b>Blank</b> = Buna -E = EPDM -S = Silicone -V = Fluorocarbon elastomer -TEV = Fluoropolymer encapsulated fluorocarbon elastomer  *O-Rings are only available on 222 and 226 options
1	02 - Fibrillated polypropylene	3.75	3 - Tinned steel	B- 2 1/4"	NF- Fiberglass core cover	
3	04 - Natural cotton/polyester blend	4	4 - 304 SST	C- 2 3/8"	NN - Nylon core cover	
5	05 - White cotton	4.75	6 - 316 SST	D- 2 1/2"	Y - Polypropylene core cover	
10	06 - FDA bleached cotton	5		E- 2 5/8"	2SPR - 222 w/ spring top*	
15	09 - Rayon	6		*H- 4"	2SD - 222 w/ disc*	
20	10 - Teflon	9.75		*J- 4 1/2"	2SF - 222 w/ fin*	
25	11 - Nylon	10			6SPR - 226 w/ spring top*	
30	13 - Polyester	12			6SD - 226 w/ disc*	
50	15 - Fiberglass	12.5			6SF - 226 w/ fin*	
75	18 - PPS (Ryton equivalent)	19.5			E - DOE, extended core	
100	21 - Aramid	20			EC - Plastisol end cap	
125		24.5			P - Plug in one end	
150		29.25			SPR- SOE, with polypro spring	
200		30			SPRE - SOE, with polypro spring with extended core	
		36			IBL- Individually bagged and labeled	
		40			ISW- Individually shrink wrapped	
		50			ISWL- Individually shrink wrapped and labeled	
		72				