DW Series – NSF 61

Precision-Wound Filter Cartridges for Municipal Water

DW Series – NSF 61 polypropylene string wound filter cartridges are certified to comply with materials safety requirements of NSF/ANSI 61 – "Drinking water system components- Health effects". These filters are manufactured to be used by water municipalities and in various point-of-entry (POE) potable water systems. In addition, these filters are made using polypropylene complying with FDA **CFR** 177.1520.

These string wound filter cartridges provide progressive depth filtration with high dirt-holding-capacity (DHC) in order to remove sediment from drinking water. These filters are made in Ashland, VA USA for quick delivery to municipalities throughout the United States and Canada. The filters are also suitable for use in other countries that recognize the value of the NSF standards.

Various optional components including O-rings, end fittings and core covers are included in the NSF 61 certification. Micron ratings are available from 0.5 to 200 for polishing to pre-filtration. We wind continuous lengths from 4" to 72".

NSF/ANSI 61 was developed to establish minimum requirements for the control of potential adverse human health effects from products that contact drinking water. Evaluation included laboratory extraction testing (for assessment of non-contribution of a variety VOCs and a variety of metals such as lead) and an on-site audit of our quality system.

Benefits

NSF/ANSI 61 Certified to meet municipality purchasing specifications

Variety of sizes and configurations to ensure proper sizing, fit and sealing

High sediment-holding-capacity for longer time between filter cartridge changes

Continuous lengths up to 72" (183cm)

Applications

Municipal water

Pre-filtration for membrane/ reverse osmosis (RO) systems –fresh water

Pre-filtration for membrane/ reverse osmosis (RO) systems – desalination

POE (point-of-entry) potable water filtration

Other potable water or food/beverage applications where NSF-61 is recognized

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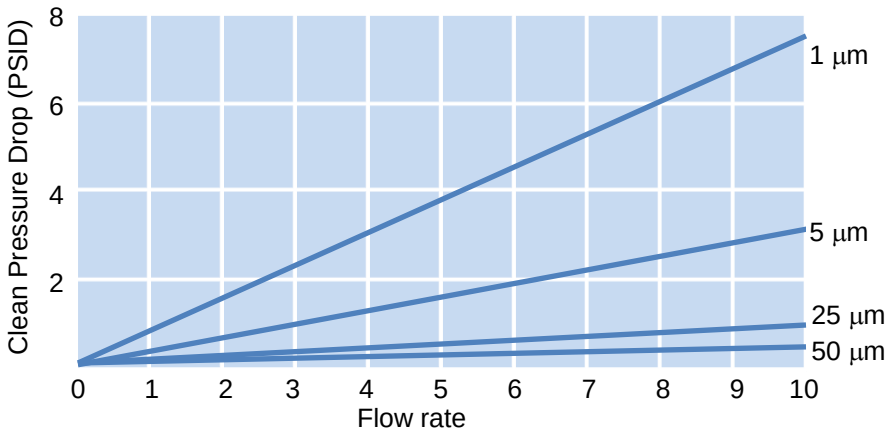
DW Series – NSF 61
Precision Wound Filter Cartridges

Delta Pure®
Reliable Filtration

DW Series –NSF 61 polypropylene string wound filter cartridges are available with a variety of end fittings to allow installation into most filter housings.

Pressure Drop vs. Flow Rate

(Polypropylene Medium)



(GPM Water per 10" Length, 2 ½" OD 70 deg F)

Specifications

Cartridge ID:
1" (2.6 cm) nominal std.
1.22" (3.1cm) and 1.5" (3.8 cm) optional

Cartridge OD:
2" (5cm) to 4 ½" (11.4 cm)

Length
3" (7.6 cm) to 72" (183 cm)
special lengths available

Efficiency: 90% nominal; 80% below 3 micron

Recommended max Change-Out Differential Pressure
30 PSID (2 bar)

Maximum Differential Pressure
60 PSID (4 bar)

NSF/ANSI 61
Bearing this IAPMO R&T mark provides assurance to regulatory personnel, contractors, specifiers, installers and end-users that the product meets applicable requirements.

Box Quantities

standard quantity (optional quantity)

	9.75"-10" length	20" length	30" length	40" length
2 3/8- 2 1/2" o.d.	40 (30)	20 (15)	20 (15)	20 (12)
4.5" o.d.	10	5	5	-

Model/Code Ordering Information

CARTRIDGE TYPE	MICRON RATING	FILTER MEDIUM	LENGTH INCHES	CORE TYPE	OUTSIDE DIAMETER	OPTIONS	O-RINGS	CERTIFICATION
DW	**0.5** **1** **3** **5** **10** **15** **20** **25** **30** **50** **75** **100** **125** **150** **200**	**01**-FDA Polypropylene	**3.75** **4** **4.75** **5** **6** **9.75** **10** **12** **12.5** **19.5** **20** **24.5** **29.25** **30** **36** **39** **40** **50** **72**	**1** - 1" id	**A**-2" **B**-2 1/4" **C**-2 3/8" **D**-2 1/2" **E**-2 5/8" **G**-3" **H**-4" **I**- 4 1/4" **J**-4 1/2" nominal diameters	**N** - polyester core cover **Y** - polypropylene core cover **2SP** - 222 w/ plug **2SD** - 222 w/ flat cap "disc" **2SF** - 222 w/ fin **6SP** - 226 w/ plug **6SD** - 226 w/ flat cap "disc" **6SF** - 226 w/ fin **E** - Extended Core **GP** – Polyethylene gaskets **P**- plug in one end **SPR**- polypro spring **SPR-E** polypro spring on on one end and polypro extender other end **2SPRE** – polypro 222 adapter one end, polypro spring other end	**(where applicable)** [blank] Buna-N (Nitrile) **E** - EPDM **S**- Silicone	**61** - NSF/ANSI 61

Example: *DW-5-01-40-1-D-2SD-E-61 5 Micron, FDA polypro string wound filter, 40" Length, 1" id polypro core, 2 1/2" OD, 222 O-ring adapter with flat cap end, EPDM O-rings, NSF/ANSI 61 certified*

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