



SWX SERIES

String Wound Cartridges
Data Sheet

- Manufactured from 100% Polypropylene Cord.
- Reduces sand, silt, rust and scale particles.
- High dirt holding capacity.
- NSF/ANSI/CAN 61 & 372 Certified.
- FDA / USP Material Safety Compliance - All materials comply with FDA requirements for food and beverage contact per CFR Title 21 174.5, 177.1520 and 177.1630. All components meet USP Class VI Plastics.



HYDROSCIENTIFIC™ SWX SERIES STRING WOUND CARTRIDGES a cost effective solution for the reduction of sand, silt, rust, dirt and scale particles. Made from 100% Polypropylene cord, SWX Series String Wound Cartridges can withstand temperatures of up to 165 °F (73.9 °C). SWX series filter cartridges are suitable for a variety of applications including residential and commercial applications using both municipal and well water. Different wound patterns for different micron ratings ensure that you are getting the right product for the right application.

HYDROSCIENTIFIC™ SWX SERIES STRING WOUND CARTRIDGES are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SWX series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans. SWX polypropylene media complies with the appropriate U.S. Food and Drug Administration guidelines, as outlined in the Code of Federal regulations, Title 21, Sections 177.1520 (a), (1) and Section 177.1520 (c), (1.1).



Certified to
NSF/ANSI/CAN 61
and NSF/ANSI 372

COMPONENT

SWX SERIES - 2.5" STRING WOUND CARTRIDGE SPECIFICATIONS								
	Part Number	Description	Material	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SWX-25-10-0.5	2.5" x 9.875"	PP	0.5	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1001	2.5" x 9.875"	PP	1	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1005	2.5" x 9.875"	PP	5	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1010	2.5" x 9.875"	PP	10	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1020	2.5" x 9.875"	PP	20	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1030	2.5" x 9.875"	PP	30	40	13" x 11" x 21"	17.2	7.80
	SWX-25-1050	2.5" x 9.875"	PP	50	40	13" x 11" x 21"	17.2	7.80
	SWX-25-10100	2.5" x 9.875"	PP	100	40	13" x 11" x 21"	17.2	7.80
20"	SWX-25-20-0.5	2.5" x 20"	PP	0.5	20	13" x 11" x 21"	15.4	7
	SWX-25-2001	2.5" x 20"	PP	1	20	13" x 11" x 21"	15.4	7
	SWX-25-2005	2.5" x 20"	PP	5	20	13" x 11" x 21"	15.4	7
	SWX-25-2010	2.5" x 20"	PP	10	20	13" x 11" x 21"	15.4	7
	SWX-25-2020	2.5" x 20"	PP	20	20	13" x 11" x 21"	15.4	7
	SWX-25-2030	2.5" x 20"	PP	30	20	13" x 11" x 21"	15.4	7
	SWX-25-2050	2.5" x 20"	PP	50	20	13" x 11" x 21"	15.4	7
	SWX-25-20100	2.5" x 20"	PP	100	20	13" x 11" x 21"	15.4	7
30"	SWX-25-30-0.5	2.5" x 30"	PP	0.5	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3001	2.5" x 30"	PP	1	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3005	2.5" x 30"	PP	5	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3010	2.5" x 30"	PP	10	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3020	2.5" x 30"	PP	20	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3030	2.5" x 30"	PP	30	20	13" x 11" x 31"	23.1	10.50
	SWX-25-3050	2.5" x 30"	PP	50	20	13" x 11" x 31"	23.1	10.50
	SWX-25-30100	2.5" x 30"	PP	100	20	13" x 11" x 31"	23.1	10.50

*50" and other Special lengths available upon request.

PP = POLYPROPYLENE

SWX SERIES - 2.5" STRING WOUND CARTRIDGE SPECIFICATIONS

	Part Number	Description	Material	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
40"	SWX-25-40-0.5	2.5" x 40"	PP	0.5	20	13" x 11" x 41"	38	17.27
	SWX-25-4001	2.5" x 40"	PP	1	20	13" x 11" x 41"	38	17.27
	SWX-25-4005	2.5" x 40"	PP	5	20	13" x 11" x 41"	38	17.27
	SWX-25-4010	2.5" x 40"	PP	10	20	13" x 11" x 41"	38	17.27
	SWX-25-4020	2.5" x 40"	PP	20	20	13" x 11" x 41"	38	17.27
	SWX-25-4030	2.5" x 40"	PP	30	20	13" x 11" x 41"	38	17.27
	SWX-25-4050	2.5" x 40"	PP	50	20	13" x 11" x 41"	38	17.27
	SWX-25-40100	2.5" x 40"	PP	100	20	13" x 11" x 41"	38	17.27
50"	SWX-25-5005	2.5" x 50"	PP	5	20	13" x 11" x 51"	52	23.59

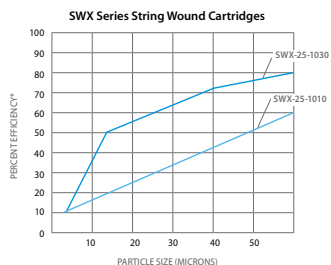
SWX SERIES - 4.5" STRING WOUND CARTRIDGE SPECIFICATIONS

	Part Number	Description	Material	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SWX-45-10-0.5	4.5" x 9.875"	PP	0.5	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1001	4.5" x 9.875"	PP	1	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1005	4.5" x 9.875"	PP	5	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1010	4.5" x 9.875"	PP	10	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1020	4.5" x 9.875"	PP	20	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1030	4.5" x 9.875"	PP	30	12	14" x 10" x 21"	19.4	8.8
	SWX-45-1050	4.5" x 9.875"	PP	50	12	14" x 10" x 21"	19.4	8.8
		SWX-45-10100	4.5" x 9.875"	PP	100	12	14" x 10" x 21"	19.4
20"	SWX-45-20-0.5	4.5" x 20"	PP	0.5	6	14" x 10" x 21"	17.6	8
	SWX-45-2001	4.5" x 20"	PP	1	6	14" x 10" x 21"	17.6	8
	SWX-45-2005	4.5" x 20"	PP	5	6	14" x 10" x 21"	17.6	8
	SWX-45-2010	4.5" x 20"	PP	10	6	14" x 10" x 21"	17.6	8
	SWX-45-2020	4.5" x 20"	PP	20	6	14" x 10" x 21"	17.6	8
	SWX-45-2030	4.5" x 20"	PP	30	6	14" x 10" x 21"	17.6	8
	SWX-45-2050	4.5" x 20"	PP	50	6	14" x 10" x 21"	17.6	8
		SWX-45-20100	4.5" x 20"	PP	100	6	14" x 10" x 21"	17.6

*Special lengths and diameter available.

PP = POLYPROPYLENE

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



MATERIALS OF CONSTRUCTION

Filter Media: Polypropylene Fiber Cord
Core: Polypropylene

OPERATIONAL DATA

Temperature Range: 40 °F to 165 °F (4.4 °C to 73.9 °C)

RECOMMENDED CHANGEOUT

30 psi maximum - Dirty
10-15 psi optimum - Change out



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MODEL # GUIDE

String Wound Cartridge Length O-Ring Material

SWX25-4001-S5

Outside Diameter Micron End Cap

LEGEND

Outside Diameter:	25 = 2.5" 45 = 4.5"	Micron:	0.5 = 0.5 Micron 01 = 1 Micron 05 = 5 Micron 10 = 10 Micron 20 = 20 Micron 30 = 30 Micron 40 = 40 Micron 50 = 50 Micron 100 = 100 Micron	End Cap:	No symbol = Double Open F = Double Open Cap 0 = 222/Flat (SOE) 5 = 222/Fin (SOE) 6 = 226/Flat (SOE) 7 = 226/Fin (SOE) 8 = Spring/Open
Length:	10 = 9 1/8" 20 = 20" 30 = 30" 40 = 40" 50 = 50"	O-Ring Material:	E = EPDM (Black) N = Buna-N S = Silicone (Red) V = Viton		

F

0

5

6

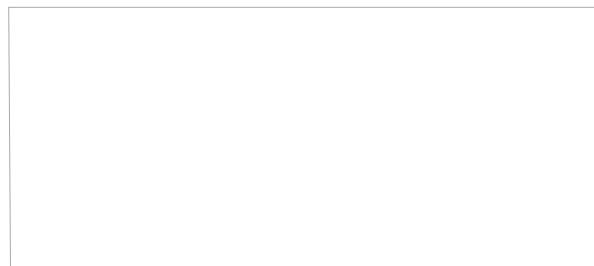
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End cap, special lengths and diameters available.

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