

SDC Series Sediment Depth Cartridges

- ✓ Graded density for higher dirt holding capacity
- ✓ Manufactured from 100% pure Polypropylene
- ✓ Made with FDA CFR 21 approved material
- ✓ NSF Standard 42, 61 & 372 certified



Hydronix SDC SERIES 2.5" DIAMETER CARTRIDGES

The SDC Series 2.5" diameter cartridge's coreless design is an economical solution to pre-filtration for many applications. They are used widely as pre-filtration for RO systems and post-filtration for GAC filters. They are also used in applications such as ice machines, film processing, beverage, coffee, analytical, wineries, and many others.

Hydronix SDC SERIES 4.5" DIAMETER CARTRIDGES

Our 4.5" diameter SDC Series Cartridges have true multi-stage depth filtration integrated into their design. Utilizing four separate layers of micron filtration, outside-in flow allows the outer layer to trap the larger sized particles, resulting in a much lower pressure drop compared to conventional filters. Trapping various sized particles layer-by-layer, our SDC Series Cartridges provide a much higher dirt holding capacity than standard spun Polypropylene and string wound cartridges.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
5"	SDC-25-0501	2.5" x 4 7/8"	1	80	13 x 11 x 21	12	5.44
	SDC-25-0505	2.5" x 4 7/8"	5	80	13 x 11 x 21	12	5.44
	SDC-25-0510	2.5" x 4 7/8"	10	80	13 x 11 x 21	12	5.44
10"	SDC-25-1001	2.5" x 9 7/8"	1	40	13 x 11 x 21	12	5.44
	SDC-25-1005	2.5" x 9 7/8"	5	40	13 x 11 x 21	12	5.44
	SDC-25-1010	2.5" x 9 7/8"	10	40	13 x 11 x 21	12	5.44
	SDC-25-1020	2.5" x 9 7/8"	20	40	13 x 11 x 21	12	5.44
	SDC-25-1050	2.5" x 9 7/8"	50	40	13 x 11 x 21	12	5.44
20"	SDC-25-2001	2.5" x 20"	1	20	13 x 11 x 21	12	5.44
	SDC-25-2005	2.5" x 20"	5	20	13 x 11 x 21	12	5.44
	SDC-25-2010	2.5" x 20"	10	20	13 x 11 x 21	12	5.44
	SDC-25-2020	2.5" x 20"	20	20	13 x 11 x 21	12	5.44
	SDC-25-2050	2.5" x 20"	50	20	13 x 11 x 21	12	5.44
30"	SDC-25-3001	2.5" x 30"	1	20	13 x 11 x 31	18	8.16
	SDC-25-3005	2.5" x 30"	5	20	13 x 11 x 31	18	8.16
	SDC-25-3010	2.5" x 30"	10	20	13 x 11 x 31	18	8.16
	SDC-25-3025	2.5" x 30"	25	20	13 x 11 x 31	18	8.16
	SDC-25-3075	2.5" x 30"	75	20	13 x 11 x 31	18	8.16
40"	SDC-25-4001	2.5" x 40"	1	20	13 x 11 x 41	24	10.89
	SDC-25-4001-S5	2.5" x 40"	1	20	13 x 11 x 41	24	10.89
	SDC-25-4005	2.5" x 40"	5	20	13 x 11 x 41	24	10.89
	SDC-25-4010	2.5" x 40"	10	20	13 x 11 x 41	24	10.89
	SDC-25-4025	2.5" x 40"	25	20	13 x 11 x 41	24	10.89
	SDC-25-4075	2.5" x 40"	75	20	13 x 11 x 41	24	10.89
50"	SDC-25-5005	2.5" x 50"	5	20	13 x 11 x 51	29	13.15

* Special lengths, end caps and diameters available for contract orders.

4.5" DIAMETER SPECIFICATIONS

	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SDC-45-1001	4.5"x 9 7/8"	1	12	13 x 11 x 31	12	5.44
	SDC-45-1005	4.5"x 9 7/8"	5	12	13 x 11 x 31	12	5.44
	SDC-45-1010	4.5"x 9 7/8"	10	12	13 x 11 x 31	12	5.44
	SDC-45-1020	4.5"x 9 7/8"	20	12	13 x 11 x 31	12	5.44
	SDC-45-1050	4.5"x 9 7/8"	50	12	13 x 11 x 31	12	5.44
20"	SDC-45-2001	4.5"x 20"	1	6	13 x 11 x 41	12	5.44
	SDC-45-2005	4.5"x 20"	5	6	13 x 11 x 41	12	5.44
	SDC-45-2010	4.5"x 20"	10	6	13 x 11 x 41	12	5.44
	SDC-45-2020	4.5"x 20"	20	6	13 x 11 x 41	12	5.44
	SDC-45-2050	4.5"x 20"	50	6	13 x 11 x 41	12	5.44

SDC SERIES CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SDC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.

Product Applications

- Electroplating, etching, and image developing processes in PCB Industry
- Filtration for electroplating industry
- Pre-filter for DI and RO water filtration systems
- Pre-filtration for low viscosity chemicals
- Pre-filtration for manufacturing and water recycling
- Certified NSF Standard 42, 61 & 372/FDA approved material

Materials of Construction

Filter Media: Polypropylene

4.5" DIAMETER SPECIFICATIONS

	Part Number	Description	Micron Rating	Initial ΔP (psi) at Flow Rate (gpm)
10"	SDC-45-1001	4.5"x 9 7/8"	1	1 psi at 10 gpm
	SDC-45-1005	4.5"x 9 7/8"	5	1 psi at 10 gpm
	SDC-45-1010	4.5"x 9 7/8"	10	1 psi at 10 gpm
	SDC-45-1020	4.5"x 9 7/8"	20	1 psi at 10 gpm
	SDC-45-1050	4.5"x 9 7/8"	50	1 psi at 10 gpm
20"	SDC-45-2001	4.5"x 20"	1	1 psi at 20 gpm
	SDC-45-2005	4.5"x 20"	5	1 psi at 20 gpm
	SDC-45-2010	4.5"x 20"	10	1 psi at 20 gpm
	SDC-45-2020	4.5"x 20"	20	1 psi at 20 gpm
	SDC-45-2050	4.5"x 20"	50	1 psi at 20 gpm

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

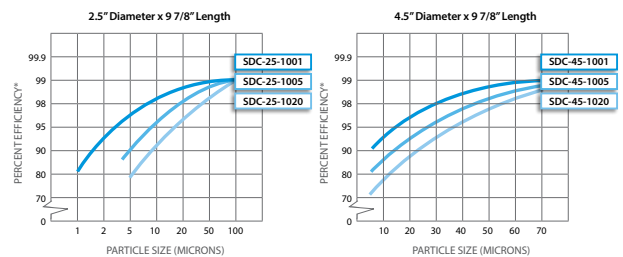
* Special lengths and diameters available.

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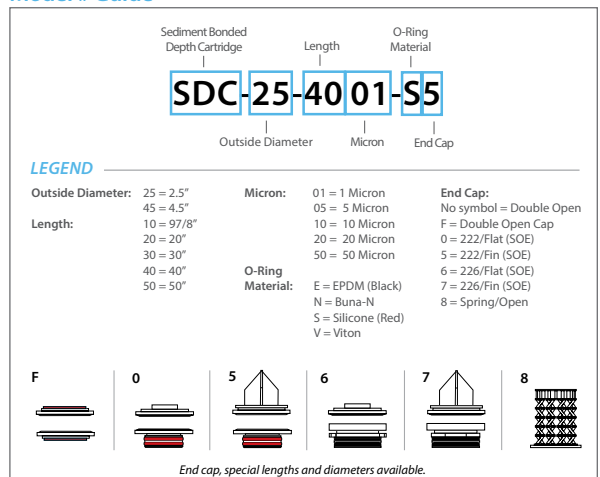
Manufactured by Hydronix Water Technology



Operating Data

Max. operating temperature: 145 °F (63 °C)
Max. pressure drop: 69 °F (20 °C)
46.4 psi (3.2 kg/cm2)
Recommended replaceable pressure drop: 21.75 psi (1.5 kg/cm2)
Temperature range: 40 °F to 145 °F (4.4 °C to 62.8 °C)
Maximum flow: 2-8 gpm (Depending on micron rating)

Model # Guide



SGC Series

Sediment Grooved Cartridges

- ✓ 100% Pure Polypropylene
- ✓ Made with FDA CFR 21 approved material
- ✓ Grooved for larger filtration area
- ✓ NSF standard 42, 61 & 372 certified



HYDRONIX SGC SERIES SEDIMENT GROOVED CARTRIDGES

are a reliable and economical solution for pre-filtration in many applications. Typically utilized for pre-filtration in Reverse Osmosis systems and post filtration in GAC filters, Hydronix SGC Cartridges with their grooved design offer a larger filtration area for longer life and larger filtration capacity.

HYDRONIX SGC SERIES SEDIMENT GROOVED CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SGC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

SGC SERIES SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron	Case Qty	Box Dimension (inches)	Weight (lbs)	Weight (kgs)
10"	SGC-25-1001	2.5" x 9 7/8"	0.6 psi at 5 gpm (.04 bar at 19 L/min)	1	40	13 x 11 x 21	15	6.80
	SGC-25-1005	2.5" x 9 7/8"	0.4 psi at 5 gpm (.03 bar at 19 L/min)	5	40	13 x 11 x 21	15	6.80
20"	SGC-25-2001	2.5" x 20"	0.6 psi at 10 gpm (.04 bar at 38 L/min)	1	20	13 x 11 x 21	15	6.80
	SGC-25-2005	2.5" x 20"	0.4 psi at 10 gpm (.03 bar at 38 L/min)	5	20	13 x 11 x 21	15	6.80
30"	SGC-25-3001	2.5" x 30"	0.4 psi at 15 gpm (.03 bar at 57 L/min)	1	20	13 x 11 x 31	22.5	10.21
	SGC-25-3005	2.5" x 30"	0.3 psi at 15 gpm (.02 bar at 57 L/min)	5	20	13 x 11 x 31	22.5	10.21
40"	SGC-25-4001	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	1	20	13 x 11 x 41	30	13.61
	SGC-25-4005	2.5" x 40"	0.3 psi at 20 gpm (.02 bar at 76 L/min)	5	20	13 x 11 x 41	30	13.61

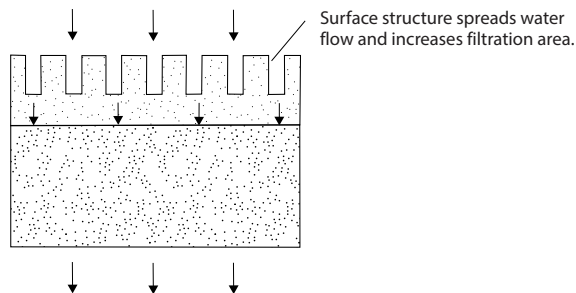
Materials of Construction

Filter Media: Polypropylene
Temperature Range: 40 °F to 145 °F (4.4 °C to 62.8 °C)

Operating Data

Max. operating temperature: 145 °F (63 °C)
Max. pressure drop: 69°F (20°C) 46.4 psi (3.2 kg/cm²)
Recommended replaceable pressure drop: 21.75 psi (1.5 kg/cm²)
Temperature range: 40 °F to 145 °F (4.4 °C to 62.8 °C)
Maximum flow: 2-8 gpm (Depending on micron rating)

Flow Detail



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.



COMPONENT

Product Applications

- Food and beverage processing
- Pre-filter for DI and RO water filtration systems
- Pre-filtration for manufacturing and water recycling



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

* Special lengths and diameters available.

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International: 1-954-570-3464

Manufactured by Hydronix Water Technology



SBC Series
Sediment Bonded Depth Cartridges

- ✓ Superior filtration performance
- ✓ Polypropylene center core for added strength
- ✓ Made with FDA CFR 21 approved material
- ✓ Thermally bonded Polypropylene
- ✓ NSF standard 42, 61 & 372 certified

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

are specially designed thermally bonded Polypropylene filters that provide superior filtration performance. SBC Bonded Depth Cartridges utilize a durable Polypropylene center core for increased strength and structural integrity.

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

have fine grooves on the outside of the filter for increased surface area and will not impart color, taste and odor on the liquid being filtered. SBC cartridges produce consistent flow rates and have no fiber release, making them ideal for food and beverage applications.

HYDRONIX SBC SERIES BONDED DEPTH CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SBC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS								
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SBC-25-1001	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	1	40	13 x 11 x 21	15	6.80
	SBC-25-1005	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	5	40	13 x 11 x 21	15	6.80
	SBC-25-1010	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	10	40	13 x 11 x 21	15	6.80
	SBC-25-1020	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	20	40	13 x 11 x 21	15	6.80
19 1/2"	SBC-25-1951	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1	20	13 x 11 x 21	14	6.35
	SBC-25-1955	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5	20	13 x 11 x 21	14	6.35
20"	SBC-25-2001	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1	20	13 x 11 x 21	14	6.35
	SBC-25-2005	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5	20	13 x 11 x 21	14	6.35
	SBC-25-2010	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	10	20	13 x 11 x 21	14	6.35
	SBC-25-2020	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	20	20	13 x 11 x 21	14	6.35
	SBC-25-2050	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	50	20	13 x 11 x 21	14	6.35
29 1/4"	SBC-25-29141	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	1	20	13 x 11 x 31	22	9.97
	SBC-25-29145	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	5	20	13 x 11 x 31	22	9.97
	SBC-25-291410	2.5" x 29 1/4"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	10	20	13 x 11 x 31	22	9.97
30"	SBC-25-3001	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	1	20	13 x 11 x 31	22	9.97
	SBC-25-3005	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	5	20	13 x 11 x 31	22	9.97
	SBC-25-3010	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	10	20	13 x 11 x 31	22	9.97
	SBC-25-3020	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	20	20	13 x 11 x 31	22	9.97
	SBC-25-3050	2.5" x 30"	<2 psi at 7 gpm (<0.14 bar at 26.5 L/min)	50	20	13 x 11 x 31	22	9.97
	39"	SBC-25-3901	2.5" x 39"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1	20	13 x 11 x 41	28
SBC-25-3905		2.5" x 39"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	28	12.70
40"	SBC-25-4001	2.5" x 40"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1	20	13 x 11 x 41	30	13.61
	SBC-25-4005	2.5" x 40"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	30	13.61
	SBC-25-4005-S5	2.5" x 40", 222/FIN	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5	20	13 x 11 x 41	31	14.06
50"	SBC-25-5005	2.5" x 50"	<2 psi at 11 gpm (<0.14 bar at 41.5 L/min)	5	20	13 x 11 x 51	44	19.96

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. SBC Sediment Depth Cartridges comply with FDA CFR21 regulations for use in food and beverage applications and are NSF standard 42, 61 & 372 certified.

Features & Benefits

- Thermally bonded Polypropylene micro fiber construction for higher filtration efficiency
- SBC cartridges will not impart taste, odor or color to water being filtered
- Polypropylene construction provides superior chemical resistance and resists bacterial attack
- SBC cartridges have no fiber release, consistent flow rate and superior filtration performance
- Comply with FDA CFR 21 regulations for use in food and beverage applications

Temperature Range

- 40 °F to 175 °F (4.4 °C to 79.4 °C)

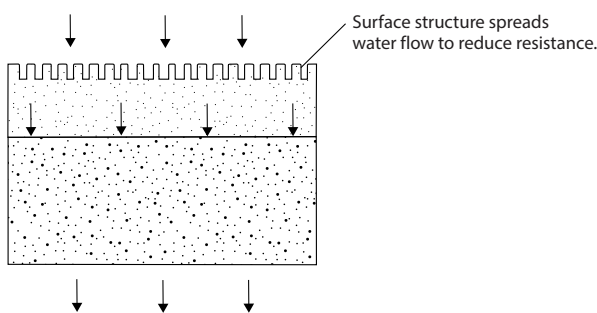
Product Applications

- Electric components
- Plating
- Parts washing
- Pulp and paper
- Ink
- Bottled water
- Soft drinks
- Juice
- Oil and gas
- Pre-RO
- Rinse water

Operating Data

Maximum Differential Pressure 15 psid at 175 °F (1.0 bar at 80 °C) 25 psid at 140 °F (1.7 bar at 60 °C) 60 psid at 68 °F (4.13 bar at 20 °C)	Recommended Change Out Differential Pressure 35 psi (2.4 bar)
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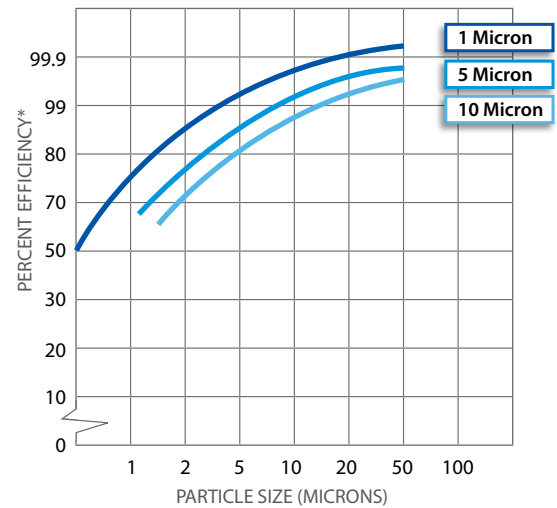
Flow Detail



Materials of Construction

Filter Media: Polypropylene

SBC Performance



Model # Guide

Sediment Bonded Depth Cartridge Length O-Ring Material

SBC-25-1005-E5

Outside Diameter Micron End Cap

LEGEND

Outside Diameter: 25 = 2.5" 10 = 10" 195 = 19.5" 20 = 20" 2914 = 29 1/4" 30 = 30" 39 = 39" 40 = 40"	Micron: 1 = 1 Micron 5 = 5 Micron 10 = 10 Micron 20 = 20 Micron 50 = 50 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)
O-Ring Material: E = EPDM (BLACK) N = Buna-N S = Silicone (RED) V = Viton		

DOE

222/FLAT

222/FIN

226/FLAT

226/FIN

End cap, special lengths and diameters available.

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International: 1-954-570-3464

Manufactured by Hydronix Water Technology

SWC Series
String wound cartridges

- ✓ Made with FDA CFR 21 approved material
- ✓ Manufactured from 100% Polypropylene Cord
- ✓ Reduces sand, silt, rust and scale particles
- ✓ NSF standard 42, 61 & 372 certified
- ✓ High dirt holding capacity



HYDRONIX SWC SERIES STRING WOUND CARTRIDGES

a cost effective solution for the reduction of sand, silt, rust, dirt and scale particles. Made from 100% Polypropylene cord, SWC Series String Wound Cartridges can withstand temperatures of up to 165°F (73.9°C).

HYDRONIX SWC SERIES STRING WOUND 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.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

2.5" DIAMETER SPECIFICATIONS							
	Part Number	Description	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SWC-25-10-0.5	2.5" x 9.875"	.5	40	13 x 11 x 21	17.2	7.80
	SWC-25-1001	2.5" x 9.875"	1	40	13 x 11 x 21	17.2	7.80
	SWC-25-1005	2.5" x 9.875"	5	40	13 x 11 x 21	17.2	7.80
	SWC-25-1010	2.5" x 9.875"	10	40	13 x 11 x 21	17.2	7.80
	SWC-25-1020	2.5" x 9.875"	20	40	13 x 11 x 21	17.2	7.80
	SWC-25-1030	2.5" x 9.875"	30	40	13 x 11 x 21	17.2	7.80
	SWC-25-1050	2.5" x 9.875"	50	40	13 x 11 x 21	17.2	7.80
	SWC-25-10100	2.5" x 9.875"	100	40	13 x 11 x 21	17.2	7.80
20"	SWC-25-20-0.5	2.5" x 20"	.5	20	13 x 11 x 21	15.4	7
	SWC-25-2001	2.5" x 20"	1	20	13 x 11 x 21	15.4	7
	SWC-25-2005	2.5" x 20"	5	20	13 x 11 x 21	15.4	7
	SWC-25-2010	2.5" x 20"	10	20	13 x 11 x 21	15.4	7
	SWC-25-2020	2.5" x 20"	20	20	13 x 11 x 21	15.4	7
	SWC-25-2030	2.5" x 20"	30	20	13 x 11 x 21	15.4	7
	SWC-25-2050	2.5" x 20"	50	20	13 x 11 x 21	15.4	7
	SWC-25-20100	2.5" x 20"	100	20	13 x 11 x 21	15.4	7
30"	SWC-25-3001	2.5" x 30"	1	20	13 x 11 x 31	23.1	10.50
	SWC-25-3005	2.5" x 30"	5	20	13 x 11 x 31	23.1	10.50
	SWC-25-3010	2.5" x 30"	10	20	13 x 11 x 31	23.1	10.50
	SWC-25-3020	2.5" x 30"	20	20	13 x 11 x 31	23.1	10.50
	SWC-25-3030	2.5" x 30"	30	20	13 x 11 x 31	23.1	10.50
	SWC-25-3050	2.5" x 30"	50	20	13 x 11 x 31	23.1	10.50
	SWC-25-30100	2.5" x 30"	100	20	13 x 11 x 31	23.1	10.50
40"	SWC-25-4001	2.5" x 40"	1	20	13 x 11 x 41	38	17.27
	SWC-25-4005	2.5" x 40"	5	20	13 x 11 x 41	38	17.27
	SWC-25-4010	2.5" x 40"	10	20	13 x 11 x 41	38	17.27
	SWC-25-4020	2.5" x 40"	20	20	13 x 11 x 41	38	17.27
	SWC-25-4030	2.5" x 40"	30	20	13 x 11 x 41	38	17.27
	SWC-25-4050	2.5" x 40"	50	20	13 x 11 x 41	38	17.27
	SWC-25-40100	2.5" x 40"	100	20	13 x 11 x 41	38	17.27
50"	SWC-25-5005	2.5" x 50"	5	20	13 x 11 x 51	52	23.59

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

*WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. *Special lengths and diameter available.

HYDRONIX SWC SERIES STRING WOUND CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SWC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans. SWC 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).

Materials of Construction

Filter Media: Polypropylene Fiber Cord
Core: Polypropylene

Temperature Rating

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

Suggested Differential Pressure

30 psig maximum - dirty
10-15 psig optimum - change out

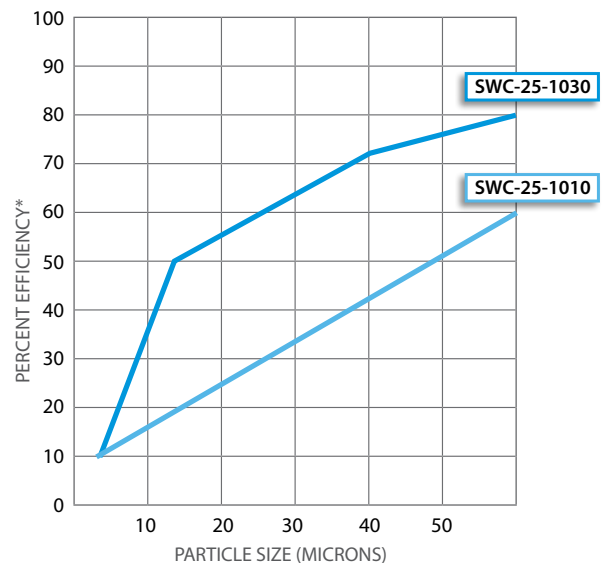
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Manufactured by Hydronix Water Technology

SWC Series Sediment Cartridges



SPC SERIES

Polyester Pleated Cartridges
Data Sheet



SPC Series Polyester Pleated Cartridges

- ✓ Manufactured from durable Polyester
- ✓ Made with FDA CFR 21 approved materia
- ✓ NSF standard 42, 61 & 372 certified
- ✓ Bacteria and chemical resistant
- ✓ Washable and reusable

SPC SERIES POLYESTER PLEATED CARTRIDGES

are manufactured from durable polyester to provide you with a superior pleated cartridge that is washable and reusable. The Polyester media is pleated around a Polypropylene core for added strength and the ends are immersed in a thermosetting Vinyl Plastisol which fuses the three components together forming a unified end cap and gasket. The cartridges are bacteria and chemical resistant and provide great dirt holding capacity to extend the time between cartridge change outs.

SPC SERIES POLYESTER PLEATED CARTRIDGES

are made with 100% pure polypropylene and are free of surfactants, detergents and anti-static agents. SPC series filter cartridges do not impart any substances into water which are known to or can cause adverse health effects to humans.



This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.

COMPONENT

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.

2.5" DIAMETER SPECIFICATIONS									
	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)	
10"	SPC-25-1001	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	40	13 x 11 x 21	14	6.35	
	SPC-25-1005	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	40	13 x 11 x 21	14	6.35	
	SPC-25-1010	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	40	13 x 11 x 21	14	6.35	
	SPC-25-1020	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	40	13 x 11 x 21	14	6.35	
	SPC-25-1030	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	40	13 x 11 x 21	14	6.35	
	SPC-25-1050	2.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	40	13 x 11 x 21	14	6.35	
20"	SPC-25-2001	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 21	14	6.35	
	SPC-25-2005	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 21	14	6.35	
	SPC-25-2010	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 21	14	6.35	
	SPC-25-2020	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 21	14	6.35	
	SPC-25-2030	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 21	14	6.35	
	SPC-25-2050	2.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 21	14	6.35	
30"	SPC-25-3001	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3005	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3010	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3020	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3030	2.5" x 30"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	20	13 x 11 x 31	23.1	10.48	
	SPC-25-3050	2.5" x 304"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	20	13 x 11 x 31	23.1	10.48	
40"	SPC-25-4001	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	20	13 x 11 x 41	26	11.80	
	SPC-25-4005	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	20	13 x 11 x 41	26	11.80	
	SPC-25-4010	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	20	13 x 11 x 41	26	11.80	
	SPC-25-4020	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	20	13 x 11 x 41	26	11.80	
	SPC-25-4030	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	20	13 x 11 x 41	26	11.80	
	SPC-25-4050	2.5" x 40"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	20	13 x 11 x 41	26	11.80	

SPC SERIES

Polyester Pleated Cartridges
Data Sheet

4.5" DIAMETER SPECIFICATIONS

	Part Number	Description	Initial ΔP (psi) at Flow Rate (gpm)	Micron Rating	Case Quantity	Box Dimension (Inches)	Weight (lbs)	Weight (kgs)
10"	SPC-45-10-0.2	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	0.2 Absolute	12	14 x 10 x 21	12	5.44
	SPC-45-1001	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	1	12	14 x 10 x 21	12	5.44
	SPC-45-1005	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	5	12	14 x 10 x 21	12	5.44
	SPC-45-1010	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	10	12	14 x 10 x 21	12	5.44
	SPC-45-1020	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	20	12	14 x 10 x 21	12	5.44
	SPC-45-1030	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	30	12	14 x 10 x 21	12	5.44
	SPC-45-1050	4.5" x 9 7/8"	1 psi at 10 gpm (.1 bar at 38 L/min)	50	12	14 x 10 x 21	12	5.44
20"	SPC-45-2001	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	1	6	14 x 10 x 21	9	4.08
	SPC-45-2005	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	5	6	14 x 10 x 21	9	4.08
	SPC-45-2010	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	10	6	14 x 10 x 21	9	4.08
	SPC-45-2020	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	20	6	14 x 10 x 21	9	4.08
	SPC-45-2030	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	30	6	14 x 10 x 21	9	4.08
	SPC-45-2050	4.5" x 20"	1 psi at 20 gpm (.1 bar at 76 L/min)	50	6	14 x 10 x 21	9	4.08

*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: Non-woven Polyester
End Caps: Vinyl Plastisol
Core: Polypropylene

Temperature Rating

Temperature Range: 40 °F to 125 °F (4.4 °C to 51.7 °C)

SPC Series Flow Rates

Microns	2.5" x 9 7/8"	2.5" x 20"	4.5" x 9 7/8"	4.5" x 20"
1	4	8	15	30
5	7	14	20	40
10	7	14	20	40
20	8	16	20	40
30	8	16	20	40
50	10	20	20	40

Flow Rates in gpm.

This filter cartridge is tested and certified by NSF International to NSF/ANSI Standard 42 for material requirements only and NSF/ANSI/CAN 61, NSF/ANSI 372.



*For the complete list of our NSF Certified products, please visit the Hydronix Water Technology page on the official NSF website: www.nsf.org

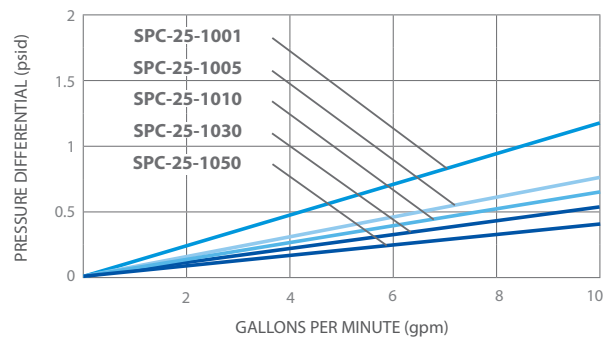
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Manufactured by Hydronix Water Technology

SPC-25 Performance



SPC-45 Performance

