

Thermally bonded Polypropylene

Superior filtration performance

Polypropylene center core for added strength

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.

PRODUCT APPLICATIONS

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



SBC SERIES

Sediment Bonded Depth Cartridges

Materials of Construction

Filter Media: Polypropylene
 Temperature Range: 40°F to 175°F (4.4°C to 79.4°C)

Operating Data

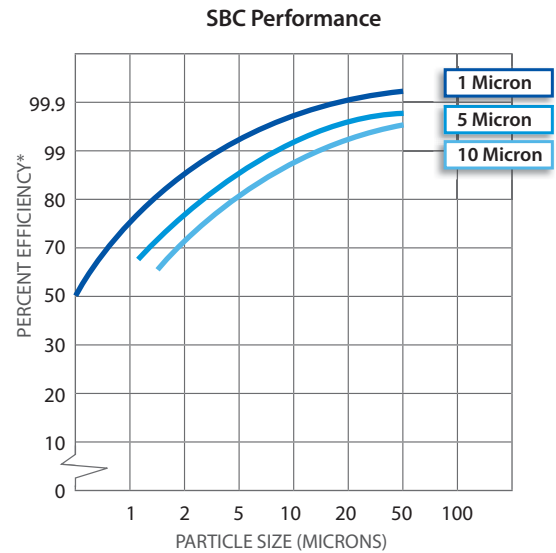
Maximum Differential Pressure
 15 psid at 175°F (1.0 bar at 80°C)
 25 psid at 140°F (1.7 bar at 60°C)
 60 psid at 68°F (4.13 bar at 20°C)

Recommended Change Out Differential Pressure
 35 psi (2.4 bar)

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

Tested and certified by NSF International to ANSI/NSF Standard 42 for material requirements only.



SBC SERIES SPECIFICATIONS			
Part Number	Description	Initial ΔP (psi) at Flow Rate (GPM)	Micron
SBC-25-1001	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	1
SBC-25-1005	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	5
SBC-25-1010	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	10
SBC-25-1020	2.5" x 9 7/8"	<2 psi at 2 gpm (<0.14 bar at 7.6 L/min)	20
SBC-25-1951	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1
SBC-25-1955	2.5" x 19 1/2"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5
SBC-25-2001	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	1
SBC-25-2005	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	5
SBC-25-2010	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	10
SBC-25-2020	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	20
SBC-25-2050	2.5" x 20"	<2 psi at 5 gpm (<0.14 bar at 19 L/min)	50
SBC-25-29141	2.5" x 29 1/4"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1
SBC-25-29145	2.5" x 29 1/4"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5
SBC-25-291410	2.5" x 29 1/4"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	10
SBC-25-3001	2.5" x 30"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	1
SBC-25-3005	2.5" x 30"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	5
SBC-25-3010	2.5" x 30"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	10
SBC-25-3020	2.5" x 30"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	20
SBC-25-3050	2.5" x 30"	<2 psi at 9 gpm (<0.14 bar at 34 L/min)	50
SBC-25-3901	2.5" x 39"	<2 psi at 13 gpm (<0.14 bar at 49 L/min)	1
SBC-25-3905	2.5" x 39"	<2 psi at 13 gpm (<0.14 bar at 49 L/min)	5
SBC-25-4001	2.5" x 40"	<2 psi at 13 gpm (<0.14 bar at 49 L/min)	1
SBC-25-4005	2.5" x 40"	<2 psi at 13 gpm (<0.14 bar at 49 L/min)	5
SBC-25-4005-S5	2.5" x 40", 222/FIN	<2 psi at 13 gpm (<0.14 bar at 49 L/min)	5

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

HYDRONIX WATER TECHNOLOGY

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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

O-Ring Material: E = EPDM, N = Buna-N, S = Silicone, V = Viton

End Cap: No symbol = Double Open Cap, F = Double Open Cap, 0 = 222/Flat (SOE), 5 = 222/Fin (SOE), 6 = 226/Flat (SOE), 7 = 226/Fin (SOE)

End cap, special lengths and diameters available.

LIT-SBC-SS 5/03/16

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