

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

| SBC SERIES SPECIFICATIONS | | | |
|---------------------------|----------------------|--|---------------|
| Part Number | Description | Initial ΔP (psi) at Flow Rate (gpm) | Micron Rating |
| 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-25-1951 | 2.5" x 19 1/2" | <2 psi at 5 gpm (<0.14 bar @ 19 L/min) | 1 |
| SBC-25-1955 | 2.5" x 19 1/2" | <2 psi at 5 gpm (<0.14 bar @ 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-25-29141 | 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-25-3001 | 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-25-3901 | 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 |

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

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

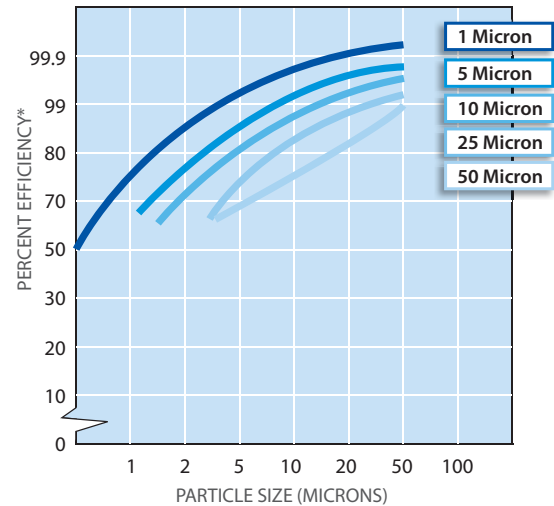
HYDRONIX WATER TECHNOLOGY

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



SBC Performance



Model # Guide

Sediment Bonded Depth Cartridge Length O-Ring Material
SBC-25-10 05-E 5
 Outside Diameter Micron End Cap

LEGEND

| | |
|--|--|
| Outside Diameter: 25 = 2.5" 45 = 4.5" | O-Ring Material: E = EPDM N = Buna-N S = Silicone V = Viton |
| Length: 10 = 10" 195 = 19.5" 20 = 20" 2914 = 29 1/4" 30 = 30" 39 = 39" 40 = 40" | End Cap: No symbol = Double Open F = Double Open Cap O = 222/Flat (SOE) 5 = 222/Fin (SOE) 6 = 226/Flat (SOE) 7 = 226/Fin (SOE) |
| Micron: 1 = 1 Micron 5 = 5 Micron 10 = 10 Micron | |

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