

BGH Series filter cartridges are comprised of multi layers of media. This filter structure provides excellent flow rate at low pressure drop and high throughput, while achieving submicron retentions, high efficiency, and extraordinary dirt holding capacity. The filter media and its support structure are thermally welded to the end caps, ensuring minimum extractables of integral filter cartridges in a wide range of applications.

## Features

- Gradient pore size structure provides higher dirt holding capacity
- 100% polypropylene components provide broad chemical compatibility, suitable for a variety of fluids
- Fixed filter matrix with no adhesives and surfactants provides consistent filtrate quality
- Meets FDA requirements for food contact and passes European Commission Directives (EU10/2011)

## Applications

- Food & Beverage
- Plating Chemicals
- RO Pre-Filtration
- Fine Chemicals
- Process Water
- Wastewater

## Dimension

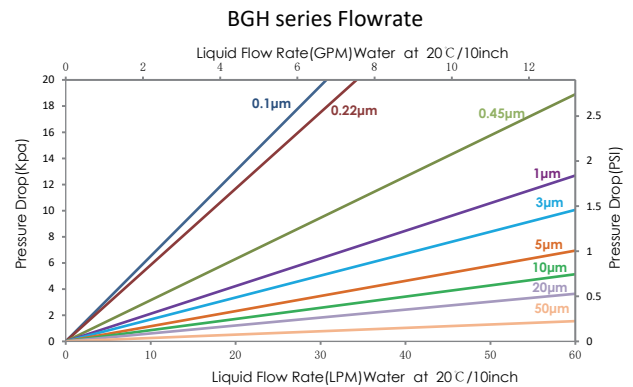
|              |                        |
|--------------|------------------------|
| Out Diameter | 69mm                   |
| Length       | 5", 10", 20", 30", 40" |

## Material of Constructions

|                   |                                 |
|-------------------|---------------------------------|
| Media             | PP                              |
| Support           | PP                              |
| Cage/Core/End cap | PP                              |
| Sealing           | Silicone, EPDM, NBR, FKM, E-FKM |

## Performance

|                            |                        |
|----------------------------|------------------------|
| Max. Operating temperature | 80°C                   |
| Max. Operating DP          | 4bar@20°C, 2.4bar@80°C |



## Quality

- Filter Cartridges are manufactured in a clean room environment
- Manufactured according to ISO9001:2015 certified Quality Management System

## Food Contact Compliance

- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations 21CFR
- Materials of filter media and hardware meet the specifications for biological safety per USP Class VI-121°C for plastics
- Passed European Commission Directives (EU10/2011)
- Halal Certified

## Ordering Information

| Removal Rating | End Cap Type         |                                     | Length   | Seal Material | Core    |
|----------------|----------------------|-------------------------------------|----------|---------------|---------|
| 0010=0.1µm     | F = DOE              | K = 222 Extended (SS Insert) / Fin  | 5 = 5"   | S = Silicone  | P = PP  |
| 0022=0.22µm    | M = 222 / Flat       | R = 226 (SS Insert) / Fin           | 10 = 10" | E = EPDM      | S = SUS |
| 0045=0.45µm    | T = 226 / Flat       | V = 226 (SS Insert) / Flat          | 20 = 20" | B = NBR       |         |
| 0100=1µm       | P = 222 / Fin        | J = 222 Extended (SS Insert) / Flat | 30 = 30" | V = FKM       |         |
| 0300=3µm       | Q = 226 / Fin        | G = 226 (PSU Insert) / Fin          | 40 = 40" | F = E-FKM     |         |
| 050=5µm        | H = 213 / Flat       | I = 226 (PSU Insert) / Flat         |          |               |         |
| 1000=10µm      | E = 222 Extended/Fin | X = 222 (SS Insert) /Spear fin      |          |               |         |
| 2000=20µm      | N =222 Extended/Flat | Y = 226 Spear fin                   |          |               |         |
| 5000=50µm      | W= 222 Spear fin     | Z = 226 (SS Insert) /Spear fin      |          |               |         |

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

