



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	• Fine Chemicals
• Plating Chemicals	• Process Water
• RO Pre-Filtration	• Wastewater

Dimension

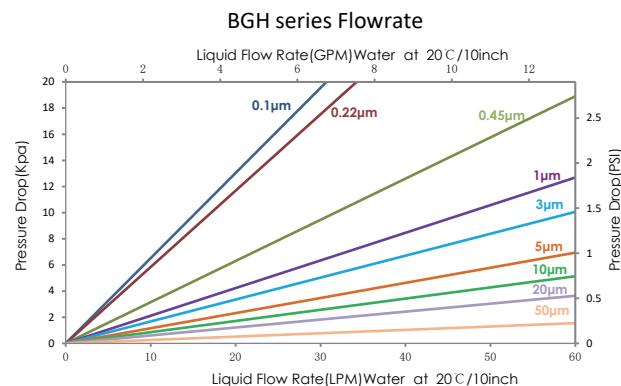
Out Diameter	69mm
Length	5", 10", 20", 30", 40"

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

BGH	0010	F	5	S	P
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.





C E R T I F I C A T E

ATTESTATION CERTIFICATE OF RoHS COMPLIANCE DIRECTIVE 2011/65/EU

Technical File of the company mentioned below has been inspected and assessment has been completed successfully

2011/65/EU RoHS Compliance of Directive have been taken as references for these processes

Company Name : Hangzhou Darlly Filtration Equipment Co., Ltd

Company Address : #1, North Beishan Rd, Xindeng, Fuyang, Zhejiang Province, China

Related Directives and Annex : Directive 2011/65/EU Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

Related Standards : IEC 62321-3-1:2013, IEC 62321-5:2013
IEC 62321-4:2013+AMD1:2017, IEC 62321-7-1:2015,
IEC 62321-7-2:2017, IEC 62321-6:2015, IEC 62321-8:2017

Product Name : Filter Cartridge



Report No and Date : KEYS22101707001RH-03

Product Brand/Model/Type :  Bxxxxxx,Fxxxxxx,Pxxxxxx,Sxxxxxx,DLxxxxxx

Certificate Number : M.2022.206.C78692

Initial Assessment Date : 25.10.2022

Registration Date : 26.10.2022

Reissue Date/No : -

Expiry Date : 25.10.2027

The validity of the certificate can be checked through www.udemltd.com.tr. The CE Mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all relevant directives. Other relevant directives for CE Marking directives have not been considered during RoHS assessment even they may apply. The result relates only to the item(s) tested and no amounts above the limits have been detected. This certificate remains as the property of UDEM International Certification Auditing Training Centre Industry and Trade Co., Ltd. whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any change(s) on the product.

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