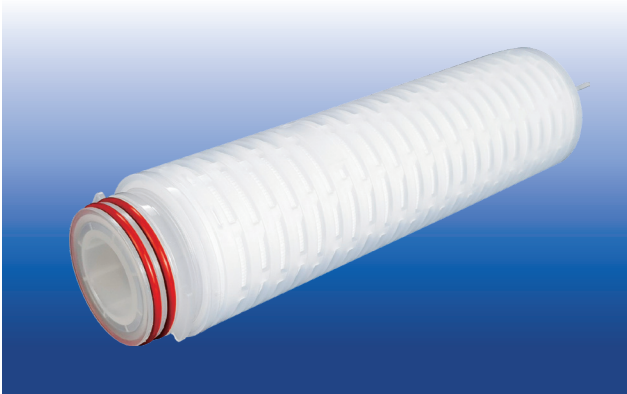




BTG Series Sterilizing-grade Filter Cartridges feature hydrophobic polytetrafluoroethylene (PTFE) membrane to provide excellent chemical compatibility with aggressive solvents, oxidizers, and corrosive fluids. 100% integrity tested for quality assurance.

Features

- Inherently hydrophobic PTFE membrane
- 100% integrity tested for correlation to absolute retention.
- Excellent chemical compatibility.
- Enhanced resistance to in-line steam sterilization and autoclaving.

Applications

- Chemically aggressive fluids.
- Solvents, strong acids & bases.
- Fermentation process air/gas filtration.
- Process air vents.
- Bulk gas.

Dimensions

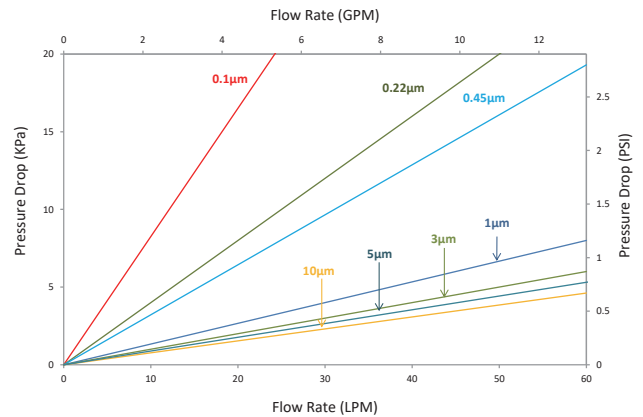
Outer Diameter 69mm (2.72")
Lengths 5", 10", 20", 30", 40"

Material of Constructions

Media	Hydrophobic PTFE
Support Layer	Polypropylene
Cage/Core/End cap	Polypropylene
Seal Material Options	Silicone, EPDM, NBR, FKM, E-FKM

BTG-Series Flow Rate vs Pressure Drop

Per 10" cartridge length. With water at 20° C.



Operating Limits

Max. Temperature	80° C (176° F)
Max. dP (forward)	4 bar (58 psi) @ 20°C (68°F) 2 bar (29 psi) @ 80°C (176°F)
Autoclave Sterilization SIP	125°C (257°F), 30 min, 100cycles 125°C (257°F), 30 min, 30cycles

Quality Assurance

- 100% Integrity Tested.
- Filter cartridges are manufactured in a clean room environment using Good Manufacturing Practices under an ISO9001:2015 registered Quality Management System.
- Cartridges are individually serialized and have full materials traceability.

Ordering Information

BTG	0010	F	5	S	P
Removal Rating	End Cap Type		Length	Seal Material	Core
0010 = 0.1µm	F = DOE	K = 222 (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 (SS Insert) / Flat	30 = 30"	V = FKM	
0300=3µm	Q = 226 / Fin	G = 226 (PSU Insert) / Fin	40 = 40"	F = E-FKM	
0500=5µm	H = 213 / Flat	I = 226 (PSU Insert) / Flat			
1000=10µm	E = 222 Extended / Fin	X = 222 (SS Insert) / Spear Fin			
	N = 222 Extended / Flat	Y = 226 Spear Fin			
	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.

