

# Hall Pyke



**Surface Prefiltration**

## **BevClear Filter Cartridges**

**The SMART choice for filtration**

# BevClear® Filter Cartridges

Polypropylene Media · Particle Removal

Hall Pyke BevClear® Filter Cartridges are constructed of nanofiber media with design and support materials that maximizes backwash cleaning efficiency. Characterized by its high dirt holding capacity and flow rates, they effectively remove particles from lenticular filters. It is recommended for fine filtration in brewing applications.

## Features and Benefits

- Special design ensures backwash cleaning and increased filter lifetime
- Super fine nanofiber media provides high dirt holding capacity and efficiency
- Provides closely controlled porosity and high filtration area
- No fiber releasing per FDA 21CFR
- Complies with Food Contact Regulations: FDA 21CFR177-182 and 1935/2004 EC

## Materials of Construction

Filter Media	Super fine Nanofiber
Cage/Support	Polypropylene (nanofiber)
Core/End Caps	Polypropylene



Repetitive  
Backwash Cleaning

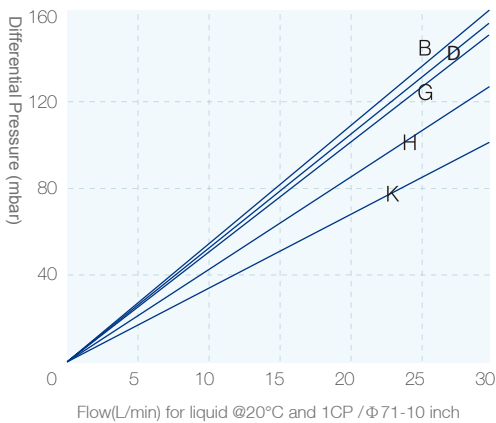


## Operating Conditions

<b>Max. Temperature</b>	80°C
<b>Max. Differential Pressure</b>	5.0 bar / 21°C (forward) 2.0 bar / 80°C (forward) 2.0 bar / 21°C (reverse)
<b>Steam Sterilization</b>	121°C/30 min @ Max.Differential Pressure of 0.5 bar
<b>Hot Water Sterilization</b>	85°C/30 min @ Max.Differential Pressure of 2.0 bar
<b>Cleaning Solution</b>	2% NaOH Solution @≤ 65°C
<b>Effective Filtration Area</b>	0.6m <sup>2</sup> / Φ71-10 inch 1.12m <sup>2</sup> / Φ64-30 inch

For BFPP Filter Cartridge backwash and sterilization instructions, please contact your Cobetter Sales Engineer.

## Flow Rate Characteristics



Efficiency	>99.99%	99.98%	99.90%	99%	95%	90%
β ratio	10000	5000	1000	100	20	10
<b>B</b>	1.9	1.0	1.2	0.8	0.5	0.1
<b>D</b>	2.2	2.0	1.9	1.2	0.9	0.5
<b>G</b>	3.0	3.0	2.2	1.7	1.3	1.1
<b>H</b>	5.0	5.0	3.4	2.7	2.0	1.7
<b>K</b>	10	10	7.7	5.6	4.1	3.8

## Ordering Information

BFPP	Removal Ratings	End Cap	Nominal Length	Seal Material	-F
[Φ71]	<b>B</b> =PPB	<b>DOE</b> =Double open end	<b>05</b> = 5"	<b>S</b> =Silicone	
[Φ64]	<b>D</b> =PPD	<b>HTC</b> =222 o-ring/flat (PBT Insert)	<b>10</b> =10"	<b>E</b> =EPDM	
	<b>G</b> =HAG	<b>HTF</b> =222 o-ring/fin (PBT Insert)	<b>20</b> =20"	<b>V</b> =Viton	
	<b>H</b> =HAH	<b>HSF</b> =226 o-ring/fin (PBT Insert)	<b>30</b> =30"		
	<b>K</b> =HAK	<b>SSF</b> =226 o-ring/fin (SS insert)	<b>40</b> =40"		
		<b>SSC</b> =226 o-ring/flat (SS insert)			
		<b>STF</b> =222 o-ring/fin (SS insert, 3 Tabs)			

\* 64mm filter is available with the lengths of 30", 40", 60", 70" and 80"

# Hall Pyke



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