

BETA HIGH FLOW

FILTER CARTRIDGES
PLEATED - HIGH FLOW
OD 6"
152 MM

BÈTA High Flow filter cartridges are designed to give maximum flow rates with low capital investment. Because of the high filtration area the BETA high flow filter cartridges give high dirt holding capacity, low initial pressure drops and long filter life. Our filter cartridges are absolute rated for reliable and consistent filtration quality. Sealing is with an O-ring to ensure 100% by-pass free filtration. One single high flow cartridge replaces 36 pcs conventional depth filter cartridges. This is more user friendly and enables the operator to change the filters faster. Filter housings are available with one up to 40 filter cartridges in both vertical and horizontal execution.



FEATURES & BENEFITS

- HIGH SURFACE AREA COMBINED WITH DEPTH MEDIA
- WIDE RANGE OF MATERIALS AVAILABLE
- HIGH DIRT HOLDING CAPACITY
- HIGH FILTRATION EFFICIENCY
- WIDE RANGE OF REMOVAL RATINGS
- LIQUID & GAS FILTRATION
- FILTRATION FROM IN TO OUT (DIRT IS CAPTURED INSIDE THE FILTER)
- EASY FILTER CHANGES; NO SPECIAL TOOLS REQUIRED,
- EXTENDED LIFE VERSIONS AVAILABLE
- LENGTHS SINGLE PIECE FROM 20" UP TO 60" LENGTH
- SMALL FOOTPRINT AND COMPACT FILTER HOUSINGS
- FDA/FOODGRADE AND POTABLE WATER OPTIONS AVAILABLE

APPLICATIONS

WATER TREATMENT

CHEMICALS

EDIBLE OILS

PHARMACEUTICAL

FOOD & BEVERAGES

SOLVENTS

AMINES

ACIDS, BASES

PHOTO EMULSIONS

COMPLETION FLUIDS

INKS & COATINGS

GALVANIC

PRE-RO FILTRATION

STEAM CONDENSATE

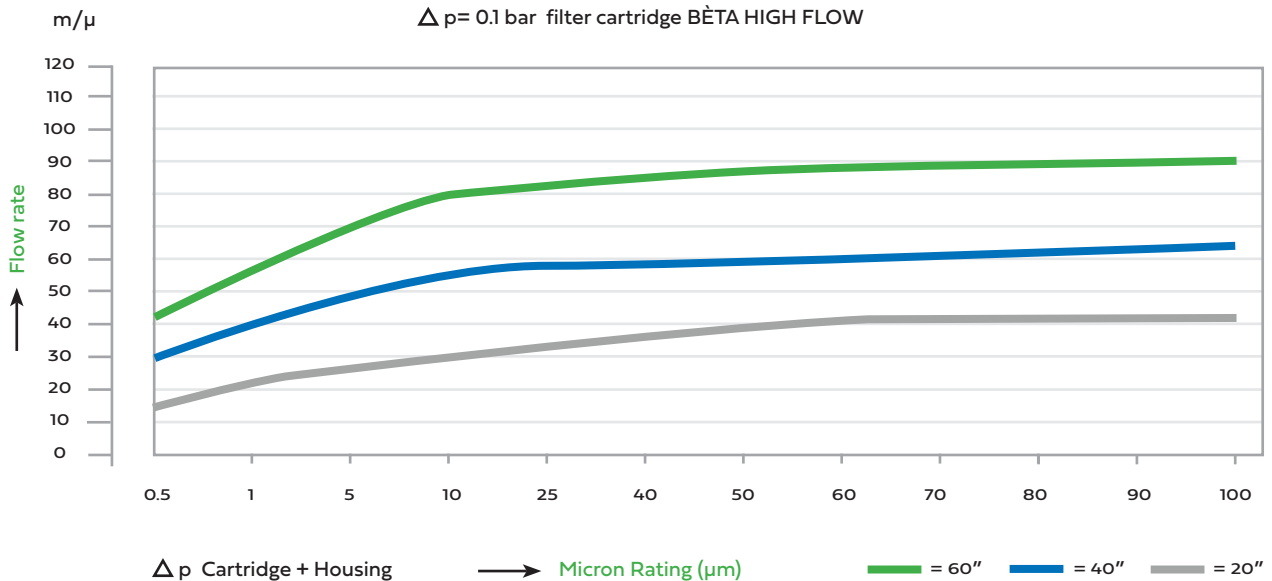
BÈTA INDUSTRIE SPECIALIST IN PROCESS SPECIFIC APPLICATIONS

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BÈTA
industrie

PRESSURE DROP



TECHNICAL DATA

FILTER MEDIA

- Polypropylene
- Glass fiber
- Cellulose
- Polyester

END CAPS/CAGE:

- Polypropylene
- Polypropylene glass reinforced
- Nylon
- Stainless steel
- Tinned carbon steel

DIMENSIONS

External diameter:
152 mm
Flow in to out

Available lengths:

20" 40" 60"
Special lengths and end caps available on request.

MICRON RATINGS

(absolute):
0,3, 0,5, 1, 2, 5, 10, 25,
40, 50, 100 micron

FILTRATION AREA:

5-9 m² per 40" cartridge depending on media, micron rating and number of prefiltration layers.

O-RINGS:

EPDM, NBR, silicone, viton (FKP), FEP, Kalrez.

Recommended change out pressure difference:
1,5 - 2,5 bar

MAXIMUM FLOW RATE:

80 m³/h per 40" cartridge and 90 m³/h per 60" cartridge (recommended, depending on cartridge type, micron rating and application).

Maximum temperature & differential pressure depending on material (please consult BÈTA).

ORDERING INFORMATION

BFH	Filtration rating		Dimensions	Hardware	Outer cage	Style		Gaskets
P	001	-	640	P	P	S	-	N
Filter media	0,3 - 0,3 µm		620 - 6" x 20	P - Polypropylene	P - Polypropylene	S - SOE		N - BUNA N
	0,5 - 0,5 µm		640 - 6" x 40	T - Tinned steel	T - Tinned steel			E - EPDM
P - Polypropylene	001 - 1 µm		660 - 6" x 60	S - Stainless steel	S - Stainless steel			V - Viton
G - Glass fibre	003 - 3 µm			N - Nylon	01 - No cage			S - Silicone
C - Cellulose	005 - 5 µm				N - Nylon			F - FEP
E - Polyester	010 - 10 µm							
	025 - 25 µm							
	050 - 50 µm							
	080 - 80 µm							
	090 - 90 µm							