

ultrafilter SB prefilter made of sintered stainless steel



ultrafilter SB

■ The ultrafilter SB is a prefilter, developed for retention of particles and liquids out of compressed air.

■ With pore sizes of 5, 25 and 50 Micron a wide range of filtration requirements can fulfilled safe and efficiently.

■ The sintered stainless steel filtration material assures high thermal durability.

Features and advantages

- highly porous sintered stainless steel with absolute retention rates of 5, 25 and 50 μ .
- low differential pressure
- high dirt hold capacity
- regenerative

Applications

- machinery construction
- contro and instrumental air
- chemical and petrochemical industry
- electroni industry
- fermentation processes
- food industry
- pharmaceutical industry
- plastics industry
- packaging industry

Prefilter SB

Features:	Benefits:
Filter made of sintered stainless steel	wide application range
retention rate of 5 µm, 25 µm and 50 µm	Absolute retention rate. 100 % for gases
Can be regenerated by ultrasonic bath	minimal filtration costs at high dirt hold capacities
13 sizes available	optimised sizing according to volume flow
filter media made of stainless steel	temperature range from -20 °C to 120 °C
High dirt hold capacity	low differential pressure

Materials:	
filter media	sintered stainless steel
end caps	aluminium
bonding	epoxy
o-rings	perbunan

Filtration surface
494 cm ² per 10" element (10/30) (250 mm)

absolute retention rates
5 µm, 25 µm, 50 µm

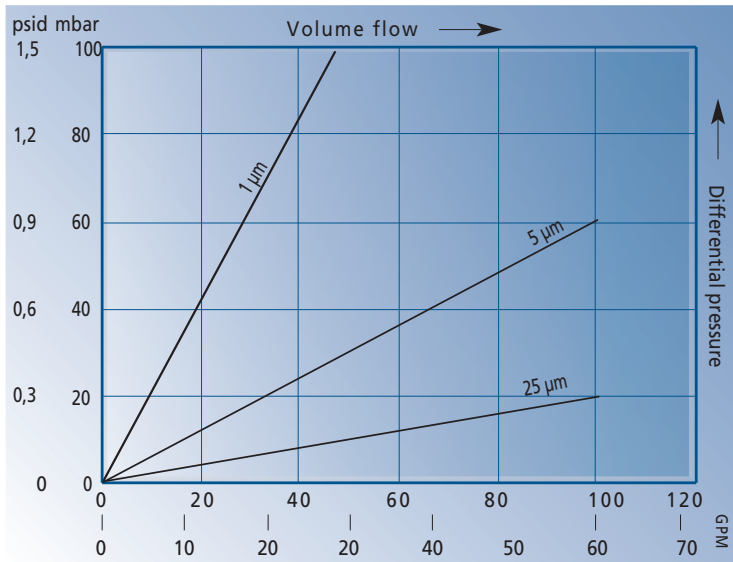
temperature range
-20 °C to 120 °C

max. differential pressure
2 bar

initial dp at nominal flow
0,03 bar (25 µ pore size)

Differential pressure related to pore size.

Flow rate of a 10" SB element – air (1bar, 20 °C)



Technical alterations reserved.



ultrafilter gmbh

Otto-Hahn-Str. 1 • 40721 Hilden • Germany
 Tel: +49 (0) 21 03.33 36 0 • Fax +49(0)21 03.33 36 36
 e-Mail: info@ultra-filter.de • www.ultra-filter.de