



**ULTRAFILTER**  
THE FILTRATION MANUFACTURER

*Kronsbein ultrafilter*®



**Ultrafilter  
Prefilter PE**

# Ultrafilter Prefilter PE

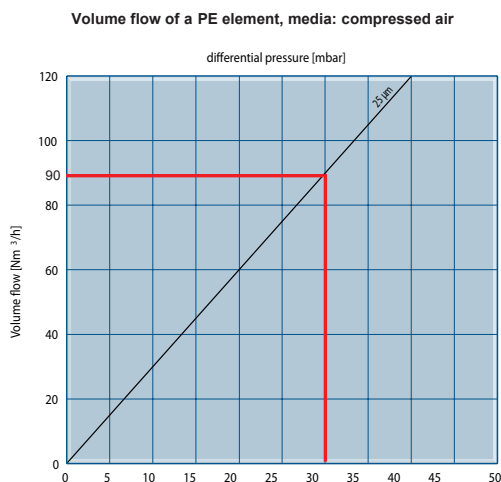
## Prefilter PE from ultrafilter

- ultrafilter prefilter PE are designed for particle retention out of compressed air and gases.
- ultrafilter PE are made of a sintered polyethylene filter media and guarantee absolute retention rates.
- By using various filtration mechanism - such as direct impact and sieve effect - contaminants down to the size of 25 µm are being retained.

## Features and Benefits

- pure highly molecular polyethylene filter media
- high dirt holding capacity and low differential pressure
- guaranteed retention rate
- homogenous pore structure for optimised regeneration capabilities

Features	Benefits
Temperature range from -20°C to 80°C	broad application spectrum
High void volume with a porosity grade of 45%	High dirt holding capacity and low differential pressure
Filter surface: 35 cm <sup>2</sup> (02/05) to 3100 cm <sup>2</sup> (30/50)	Appropriate for any application and flow
Removal of contaminants down to 25 µ	Guaranteed retention rate



## Applications

- machinery industry
- chemical and petrochemical industry
- pharmaceutical industry
- food & beverage industry
- plastics industry
- process industry
- instrumentation and control air
- clima control

Retention rate:
100 % in gases

Max. differential pressure
2 bar at 20°C, independant from operating pressure

Initial differential pressure at nominal flow:
0,03 bar

Materials	
Filter media:	pure, highly molecular polyethylene
End caps:	aluminium
Bonding:	polyurethane
2 O-Ringe:	perbunan, free from silicone and parting compounds

element size	correction factor
02/05	0,08
03/05	0,10
03/10	0,12
04/10	0,17
04/20	0,19
05/20	0,25
05/25	0,32
07/25	0,47
07/30	0,68
10/30	1,0
15/30	1,55
20/30	2,10
30/30	3,20
30/50	5,65

Technical alterations reserved.



ultrafilter gmbh

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