



The base of the UHHF filter elements is the filter medium made of meltblown microfibers. This is radially pleated in a special process, which maximizes the usable area per filter (up to 18 m<sup>2</sup> filter area). Due to the regular pleating pattern a uniform particle accumulation is achieved. This, together with the large filter surface, leads to an extended service life.

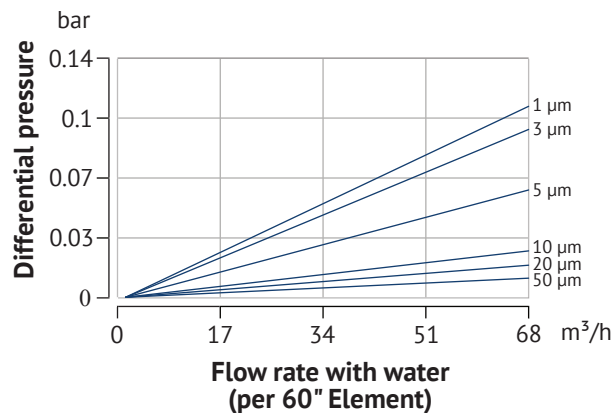
Compared to conventional filter cartridge systems, more compact housings can be used. In addition, the filter element can be changed much faster.

### Features and advantages:

- Compact dimensions
- Radial pleating
- Broad chemical resistance

### Fields of application:

- Communal water supply
- General industrial applications
- Oil and gas
- Chemicals and petrochemicals
- Food and beverage industrie
- Water treatment
- Process water



### Technical data

Filter medium:	Polypropylene
Support structure:	Polypropylene
Gasket/ O-Ring:	Perbunan, EPDM, Silikon, Viton
Micron rating (99% Abscheideleistung):	1, 3, 5, 10, 20, 50 µm
Surface area (pleated):	12 m <sup>2</sup> @ 40" 18 m <sup>2</sup> @ 60"
Medium integration:	Fully welded, not glued
Filtration:	Outside to inside
Working temperature:	Max. 70°C
Optimum differential pressure:	0,05 bis 0,8 bar
Recommended filter change:	At 1,8 to 2,1 bar differential pressure

### Recommended flow rate

40":	38 m <sup>3</sup> /h
60":	65 m <sup>3</sup> /h

### Order information

UHHF-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>
	Micron rating in µm		Length in inch		Adapter		Gasket
	1		05		S Einfach O-Ring		0 Perbunan
	3		93			1 EPDM	
	5		10			2 Silikon	
	10		20			4 Viton	
	20		30				
	50		40				

Order example: UHHF-5-20-S-1