



# Proxis HF

## Large diameter PP melt-blown filter elements

**Proxis HF** are designed to perform a depth filtration handling a high flow-rate.

The "double density" of the media offers a two stage structure where pre-filter and final filter are combined in a single unit.

The large internal diameter guarantees a minimum differential pressure, the consequent benefit is a limited number of elements for large flow-rates.

As a further benefit the filter housing will be smaller and smaller the capital investment.

Proxis HF are "coreless" filter elements, mechanical strength is in fact provided by an internal perforated tube as part of the original equipment, that will never be replaced.



### BENEFITS

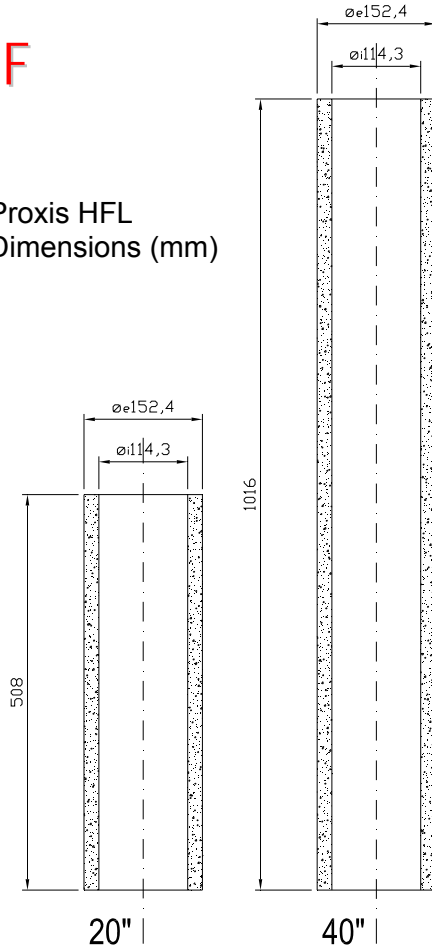
- High flow-rate
- Minimum disposal cost
- One single material: polypropylene
- Wide chemical compatibility
- No binders or resins
- High dirt capacity
- Double density filter media
- Practically no fiber release
- Negligible contaminant downloading
- Two standard lengths, and five micron ratings

### CARTRIDGE CODE SELECTION

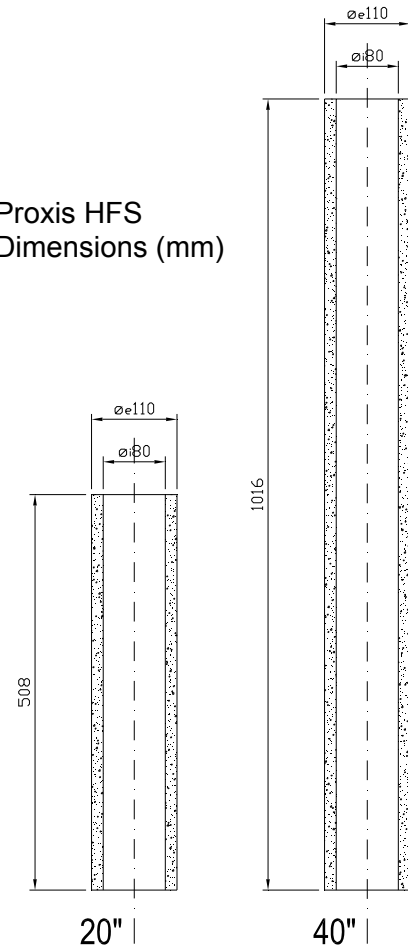
Series identification	Nominal Micron rating	Inner core	Cartridge length	End-cap 1	End-cap 2	Gasket material
<b>HFL</b> Øe 152.4 Øi 114.3	1 µm = 001 5 µm = 005 10 µm = 010 20 µm = 020 50 µm = 050	None	20" = 2 40" = 4	None	None	None
<b>HFS</b> Øe 110 Øi 80						
<b>HFL</b>	<b>020</b>	-	<b>4</b>			

# Proxis HF

Proxis HFL  
Dimensions (mm)



Proxis HFS  
Dimensions (mm)



**Filter area**

- HFL...- 2 = 0,24 m<sup>2</sup>
- HFL...- 4 = 0,48 m<sup>2</sup>
- HFS...- 2 = 0,17 m<sup>2</sup>
- HFS...- 4 = 0,35 m<sup>2</sup>

**MAIN FEATURES AND WORKING CONDITIONS**

**Available micron ratings**

- 1, 5, 10, 20, 50, µm

**Working conditions**

- Max differential pressure: 4,2 bar a 20 °C
- Max temperature: 40 °C

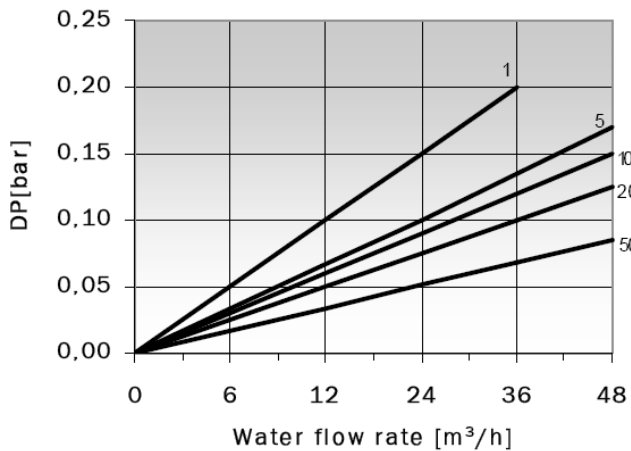
**Materials**

- Filter media: Polypropylene
- End-caps: No end-caps
- Gaskets: No gaskets

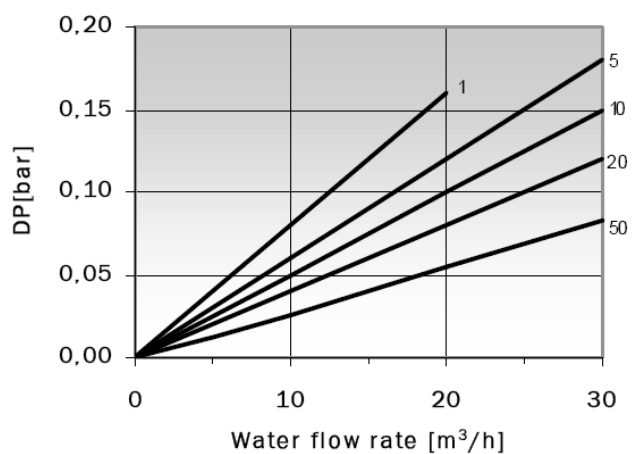
**Note:**

- Materials in accordance with NSF42/ FDA CFR Title 21

**Proxis HFL**



**Proxis HFS**



Water flow-rate of a 40" element versus differential pressure, a 20" element offers half of the flow-rate with same differential pressure



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