

acuraPleat PRO⁺ EXTENDED High Performance Filter Element

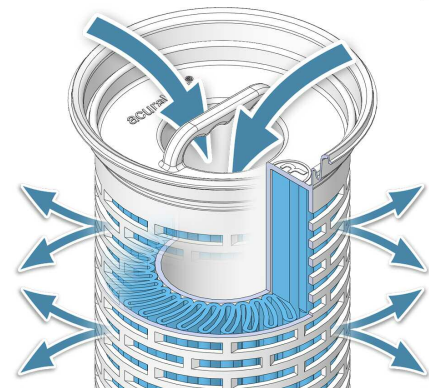
acuraPleat PRO⁺ EXTENDED High Performance Filter Elements combine the advantages of conventional filter bags and filter cartridges in one filter element. Compared to a standard filter bag our **patented pleating** will have a much larger filter area (up to 6.5 m² instead of 0.5 m²). Life and dirt holding capacity will increase by many times. Similar to the filter bag, the **filtration will be from the inside to the outside**. While replacing the filter element, all dirt particles will retain inside the filter element and avoid a contamination of the clean side of the filter housing. The innovative acuraPleat PRO⁺ EXTENDED series is specially designed for the Multi Extended Filter Housings 4, 6, 8BFOS-EXT series in order to meet the highest performance and quality requirements.



EXT



Functional principle:

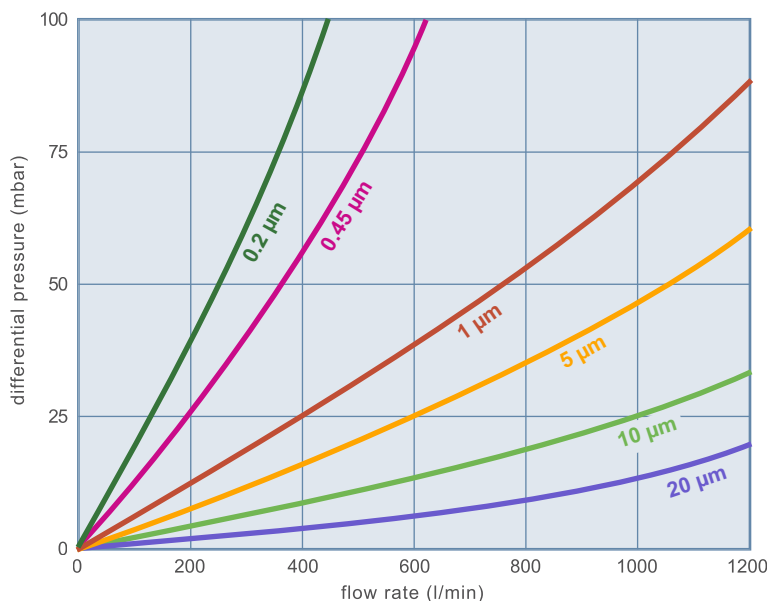


TECHNICAL DATA

acuraPleat PRO⁺ EXTENDED

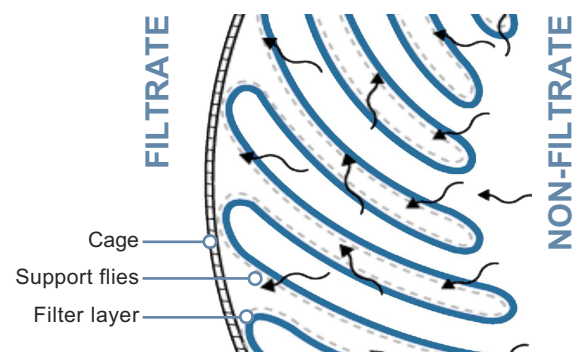
Material	Micron rate	Temperature
Polypropylene (PP) Polyester (PBT)	0.2 - 70 µm absolute (99%)	PP: max. 80°C PBT: max. 100°C
Δp 20°C	Δp 80°C	Filter area
PP: 3.0 bar PBT: 2.5 bar	PP: 1.3 bar PBT: 1.3 bar	up to 6.5 m ²

FLOW RATE



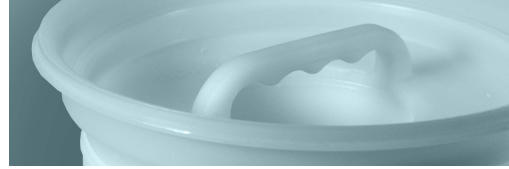
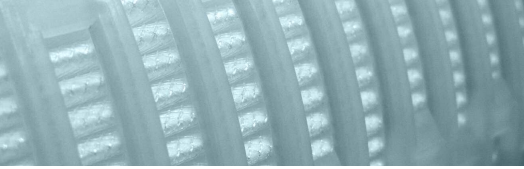
Subject to technical alterations.
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FUNCTIONAL PRINCIPLE



acuraPleat PRO⁺ EXTENDED High-Performance Filter Elements will be flown from the inside to the outside. The pleated filter layers allows an optimal fluid circulation and long service life. The special support flies stabilized the pleated filter layers.

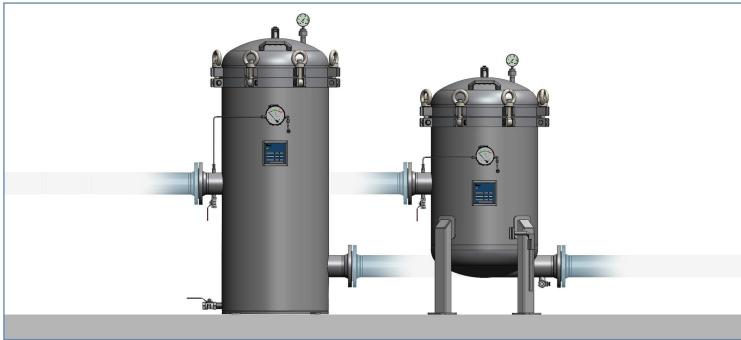
acuraLine®



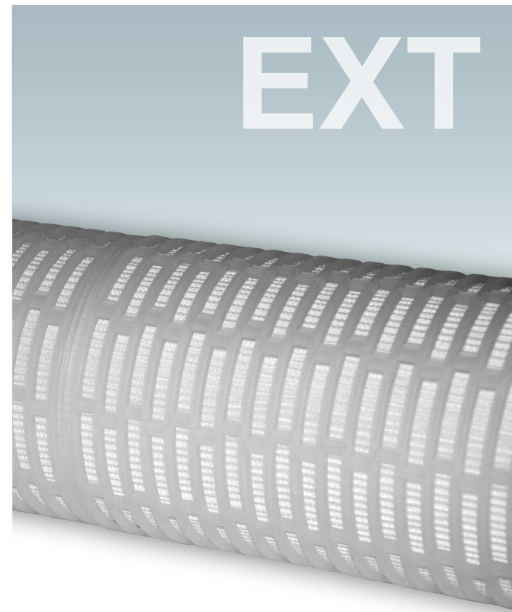
APPLICATIONS

- Grinding processes
- Cooling tower
- Drinking water
- Process water
- Cleaning solutions
- Heating installation
- Water supply
- Petrochemistry
- Hydrocarbons
- Heat exchanger protection
- Storage tank protection / filling

UPGRADE MADE EASY - EXTEND YOUR PROCESS



identical connection dimensions for easy replacement (left: 4BFOS-EXT1200; right: 4BFOS2)
 > 50% more filter area with the same footprint and only approx. 300 mm higher

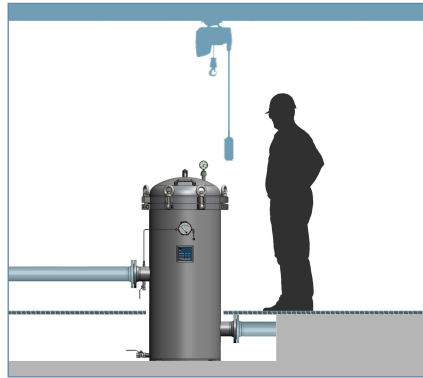


This innovative product is protected with an international design registration.

INSTALLATION SITUATIONS



shaft / overflow basin installation

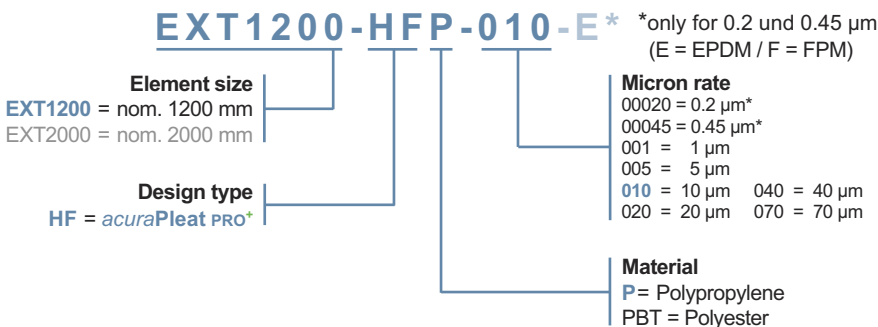


recessed installation with hoist



horizontal installation (cover swivel device)

ORDERING INFORMATION F. FILTER ELEMENTS *acuraPleat PRO*⁺ EXTENDED PERFORMANCE



- High dirt load
- High flow rate
- Very large filter area
- Compact, space-saving design
- Easy and clean handling
- No contamination during replacing
- Low differential pressure
- By-pass free filtration
- Minimal set-up costs

Subject to technical alterations.
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