

acuraOil PRO⁺ EXTENDED

Oil Adsorption High Performance Filter Element

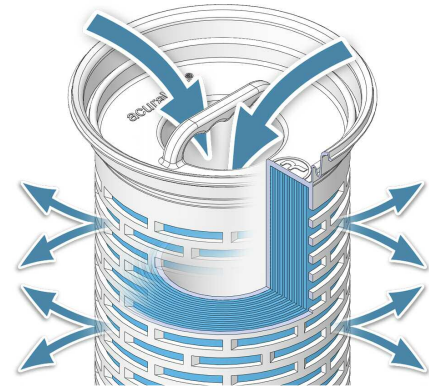
acuraOil PRO⁺ EXTENDED High Performance Filter Elements combine the advantages of conventional filter bags and filter cartridges in one filter element. acuraOil PRO⁺ EXTENDED High Performance Filter Elements adsorb up to 5.3 liters of oil in only one element. By physical adsorption, the rolled filter fleece can bind dissolved, emulsified and dispersed oil from water. A retention rate of up to 95% is achieved in a single pass. Bypass due to channel formation is excluded, since the medium must flow several times through the wound layers of the matrix during the through-flow. The innovative acuraOil 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:

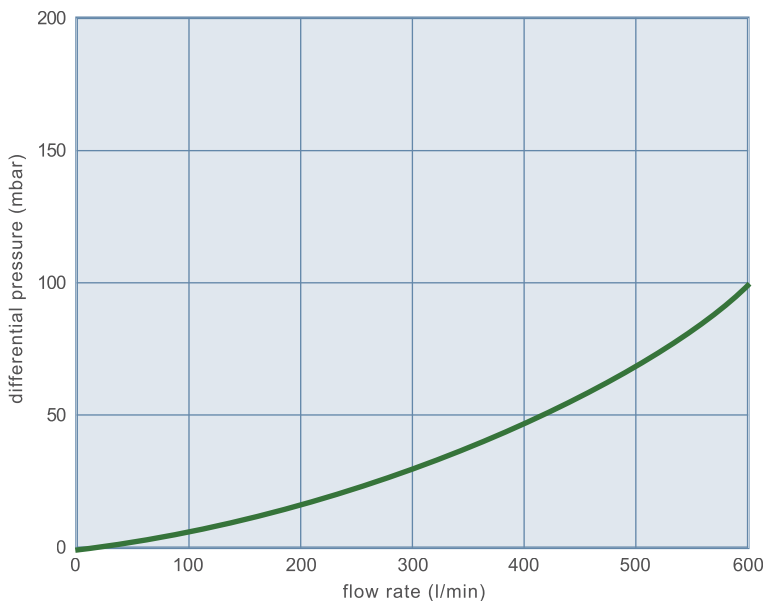


TECHNICAL DATA

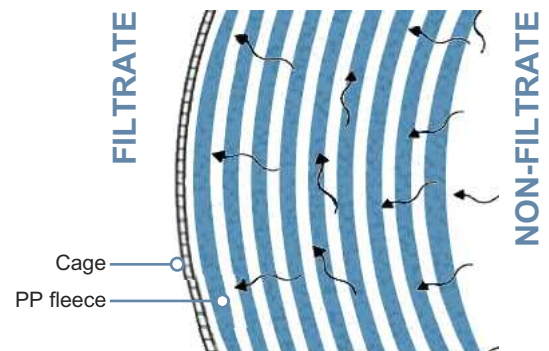
acuraOil PRO⁺ EXTENDED

Material		Oil storage capacity	Temperature
Polypropylene		up to 5300 gr	max. 80°C
Δp 20°C	Δp 80°C	Filter area complete	Filter matrix
2.4 bar	1.0 bar	ca. 9.1 m ²	25 mm

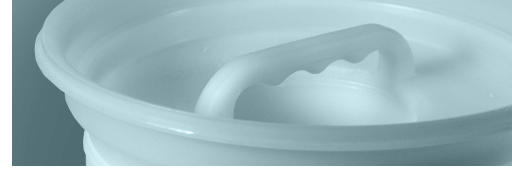
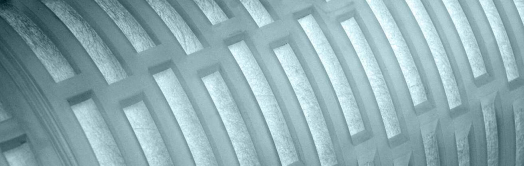
FLOW RATE



FUNCTIONAL PRINCIPLE



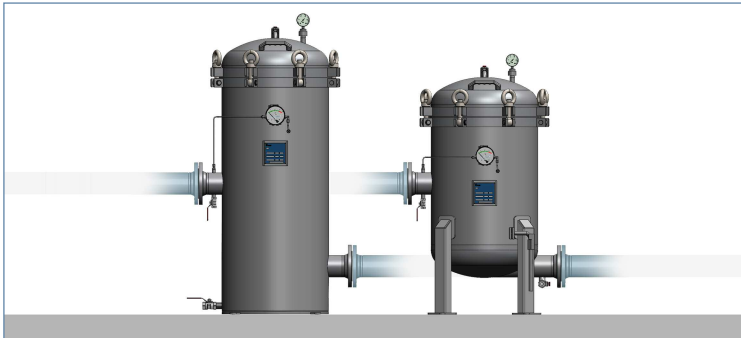
acuraOil PRO⁺ EXTENDED High-Performance Filter Elements will be flown from the inside to the outside. The rolled filter layers allows an optimal oil storage and long service life. Additionally the oil adsorption filter retains solid particles like a common depth filter. However, we recommend installing a pre-filter to extend the service life of the High Performance Element.



APPLICATIONS

- Metal processing
- Oil / fat removal
- Surface cleaning
- Cooling tower
- Process water
- Cleaning solutions
- Environmental protection
- Water supply
- Chemical processes
- Coating technology
- Heat exchanger protection
- Storage tank protection / filling

UPGRADE MADE EASY - EXTEND YOUR PROCESS

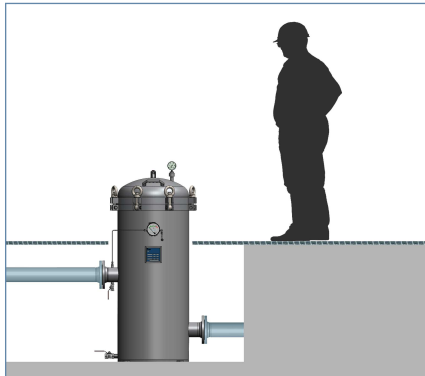


identical connection dimensions for easy replacement (left: 4BFOS-EXT1200; right: 4BFOS2)
> 50% more filter area with the same footprint and only approx. 300 mm higher

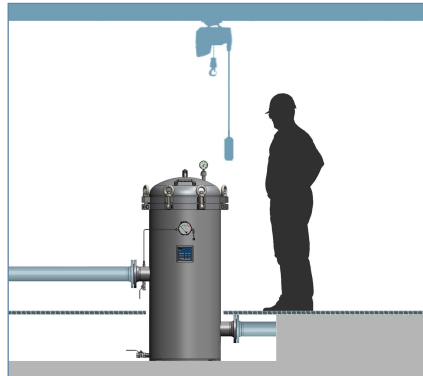


This innovative product is protected with an international design registration. 

INSTALLATION SITUATIONS



shaft / overflow basin installation



recessed installation with hoist



horizontal installation (cover swivel device)

ORDERING INFORMATION F. FILTER ELEMENTS *acuraOil PRO⁺ EXTENDED*

EXT1200-OAP-025



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.
AL1115-00-E - page 2/2

acuraLine[®]