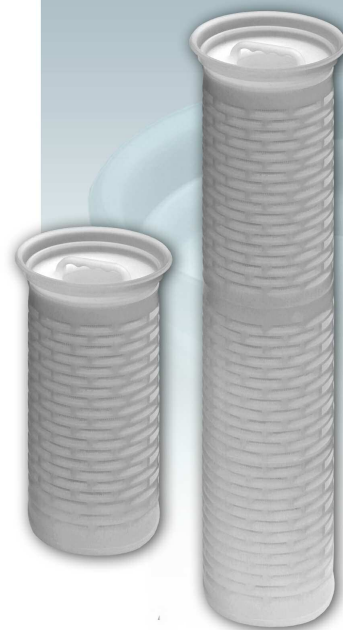


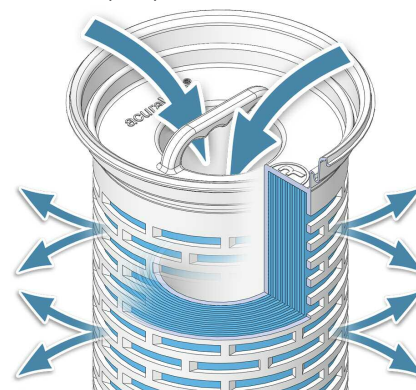
## acuraOil PRO<sup>+</sup>

### Oil Adsorption High Performance Filter Element

**acuraOil PRO<sup>+</sup>** High Performance Filter Elements combine the advantages of conventional filter bags and filter cartridges in one filter element. **acuraOil PRO<sup>+</sup>** High Performance Filter Elements **adsorb up to 3.5 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 element can be installed in every standard bag filter housing **without an additional support adaptor** with the novel **support collar acuraFlex PRO<sup>+</sup>**. Optionally a **magnet bar** can be insert to increase the service life of the element.



Functional principle:

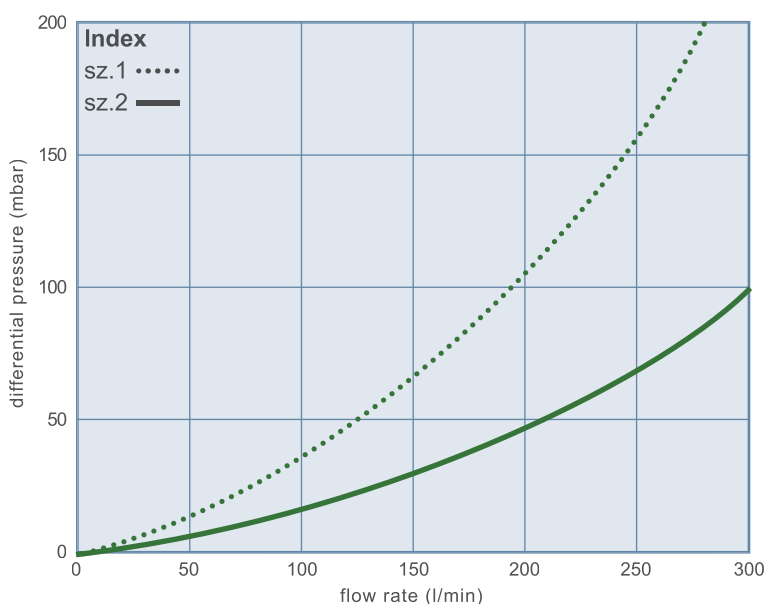


#### TECHNICAL DATA

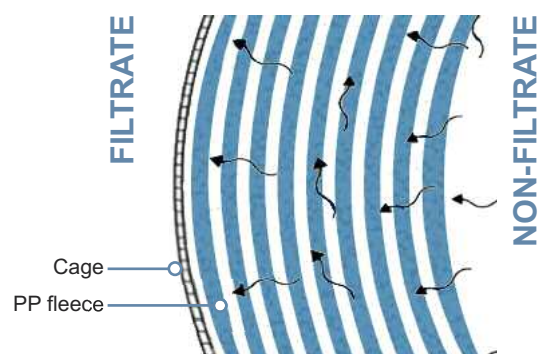
acuraOil PRO<sup>+</sup>

Material		Oil storage capacity	Temperature
Polypropylene		sz.1 : up to 1500 gr sz.2 : up to 3500 gr	max. 80°C
Δp 20°C	Δp 80°C	Filter area complete	Filter matrix
2,4 bar	1,0 bar	Gr.1 : ca. 2,7 m <sup>2</sup> Gr.2 : ca. 6,0 m <sup>2</sup>	25 mm

#### FLOW RATE

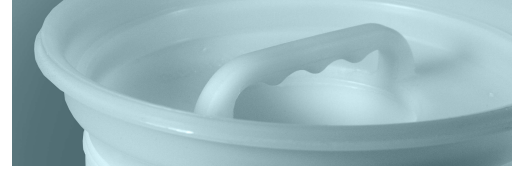
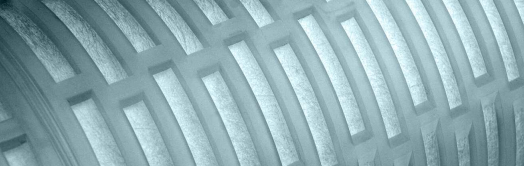


#### FUNCTIONAL PRINCIPLE



**acuraOil PRO<sup>+</sup>** 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.

Subject to technical alterations.  
AL1098-00-E - page 1/2

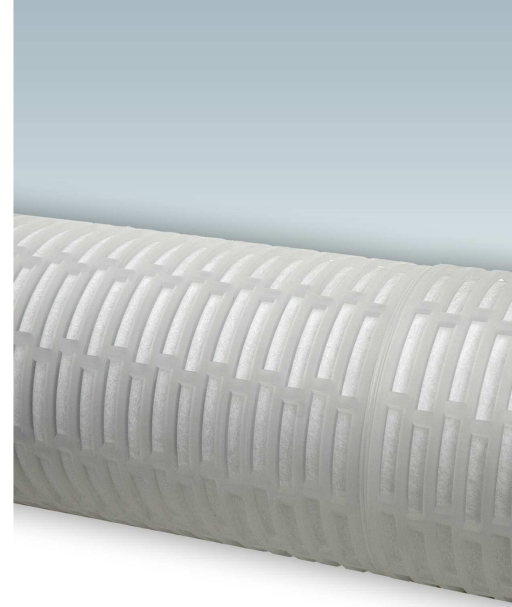


### APPLICATIONS

- Coating
- Pharmaceutical products
- Drinking water
- Cosmetics
- Process water
- Cleaning solutions
- Organic solvents
- Ink and paintings
- Petrochemistry
- Hydrocarbons
- Magnetic media dispersions
- Food and beverage

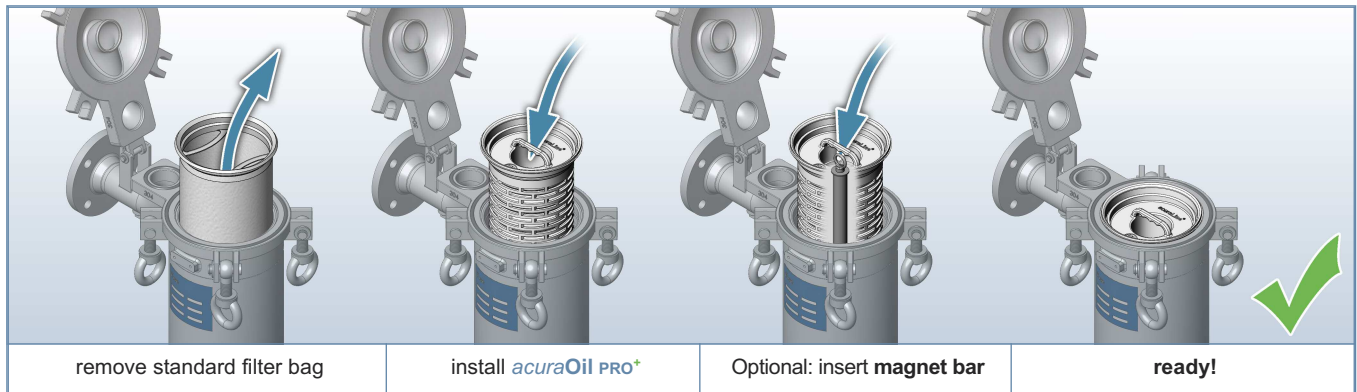
### HANDLING AND FILTER REPLACEMENT

**acuraOil PRO<sup>+</sup>** High-Performance Filter Elements can be installed easily in **every existing bag filter housings of size 1 and 2**. The element can be installed **without an additional support adaptor** with the novel **support collar acuraFlex PRO<sup>+</sup>** and guarantees a by-pass-free filtration. **acuraOil PRO<sup>+</sup>** High-Performance Filter Elements will be flow from the inside through the outside. This will retain all the dirt particles inside of the filter element and avoid a contamination of the clean side of the filter housing. Optionally a **magnet** can be insert into the element.

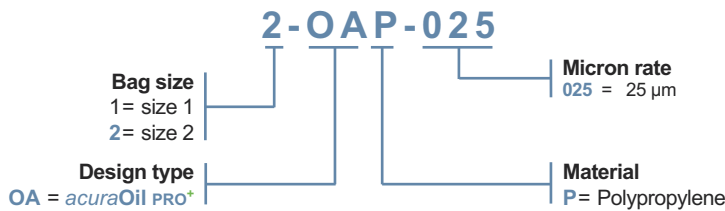


### SET-UP FROM BAG TO acuraOil PRO<sup>+</sup>

This innovative product is protected with an international design registration. 



### ORDERING INFORMATIONS FOR FILTER ELEMENTS **acuraOil PRO<sup>+</sup>**



### PERFORMANCE

- High oil storage capacity
- 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

**INSTALLATION NOTE**  
If you are using a non-standardized bag filter housing (various manufacturers), please ask our technical staff whether you can use this High Performance Element without an additional length-adjustment adaptor. A length compensation adapter can easily be setup for the housing which differs from the standard.

Subject to technical alterations.  
AL1098-00-E - page 2/2

**acuraLine<sup>®</sup>**