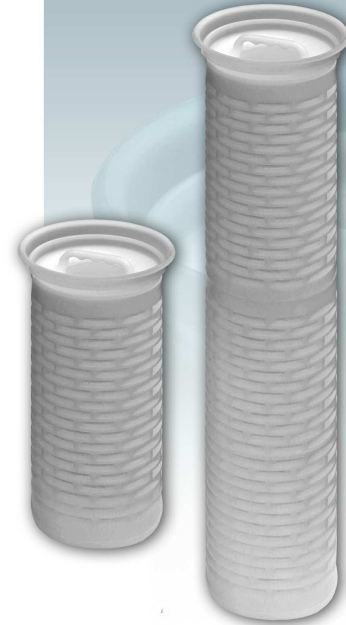
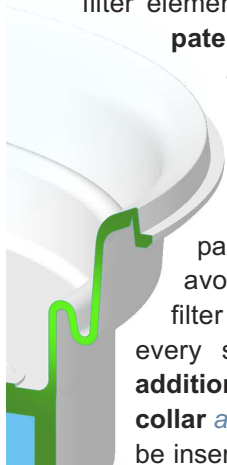
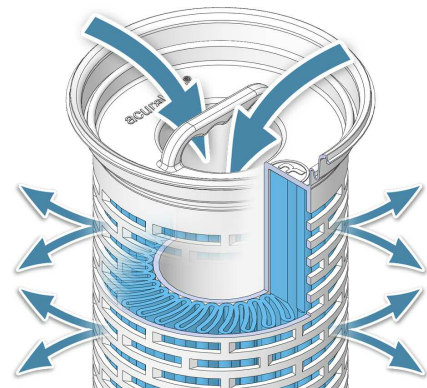


## acuraPleat PRO<sup>+</sup> High Performance Filter Element

**acuraPleat PRO<sup>+</sup>** 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 4.3 m<sup>2</sup> instead of 0.5 m<sup>2</sup>). 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 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:

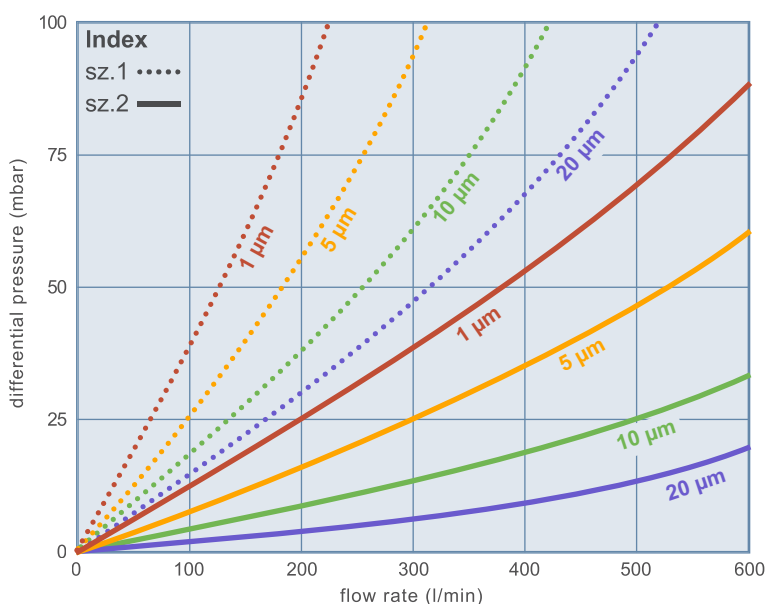


### TECHNICAL DATA

acuraPleat PRO<sup>+</sup>

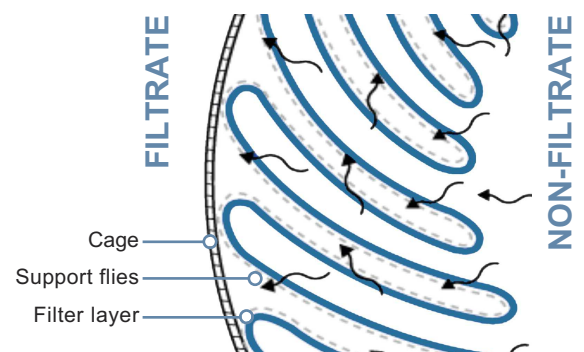
Werkstoff		Micron rate	Temperature
Polypropylen (PP)		0.2 - 70 µm	PP: max. 80°C
Polyester (PBT)		absolute (99%)	PBT: max. 100°C
Δp 20°C	Δp 80°C	Filter area sz 1	Filter area sz 2
PP: 3,0 bar PBT: 2,5 bar	PP: 1,3 bar PBT: 1,3 bar	2,0 m <sup>2</sup>	4,3 m <sup>2</sup>

### FLOW RATE



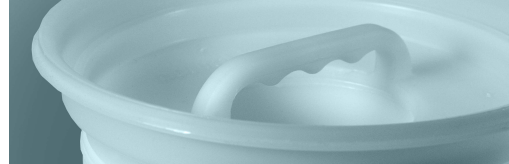
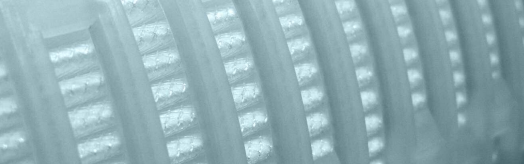
Subject to technical alterations.  
AL1096-03-E - page 1/2

### FUNCTIONAL PRINCIPLE



**acuraPleat PRO<sup>+</sup>** 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®**

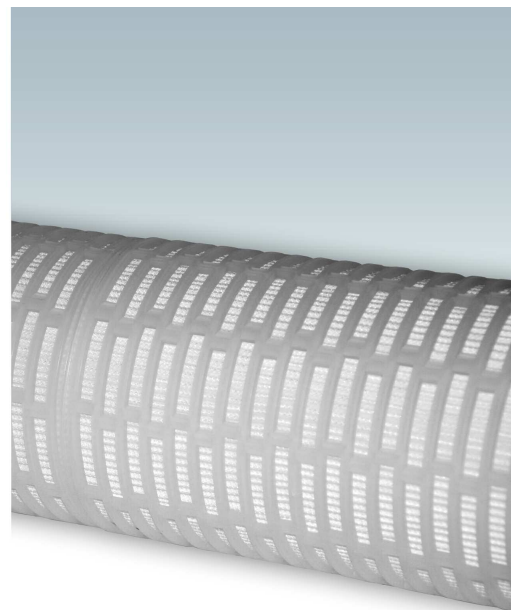


## APPLICATIONS

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

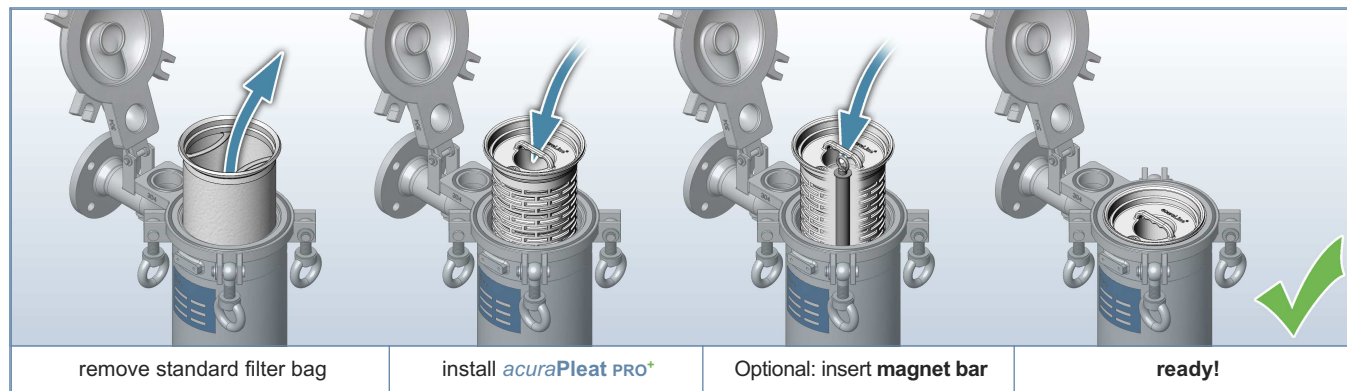
## HANDLING AND FILTER REPLACEMENT

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

This innovative product is protected with an international design registration.



## ORDERING INFORMATION FOR FILTER ELEMENTS **acuraPleat PRO<sup>+</sup>** PERFORMANCE



### 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.  
AL1096-03-E - page 2/2

- 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

**acuraLine<sup>®</sup>**