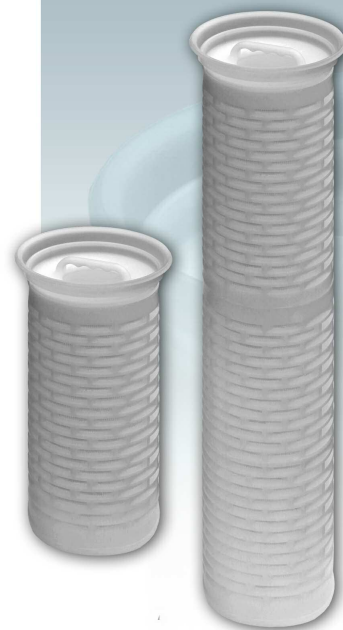


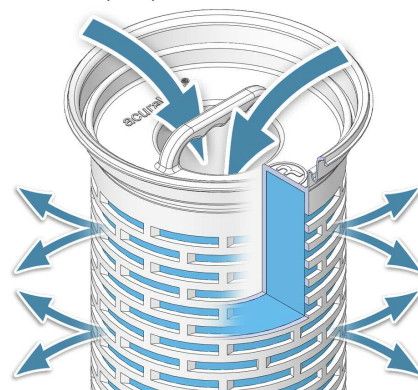
acuraMeltflow PRO⁺

Meltblown High Performance Filter Element

acuraMeltflow PRO⁺ High Performance Filter Elements combine the advantages of conventional filter bags and filter cartridges in one filter element. The **thermally bonded** graded-density structure of this polymere depth cartridge is functioned with coarse fiber in inner layer and fine fiber in outer layer. This structure allows the retaining of dirt particles with different sizes. 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⁺**. Optionally a **magnet bar** can be insert to increase the service life of the element.




Functional principle:



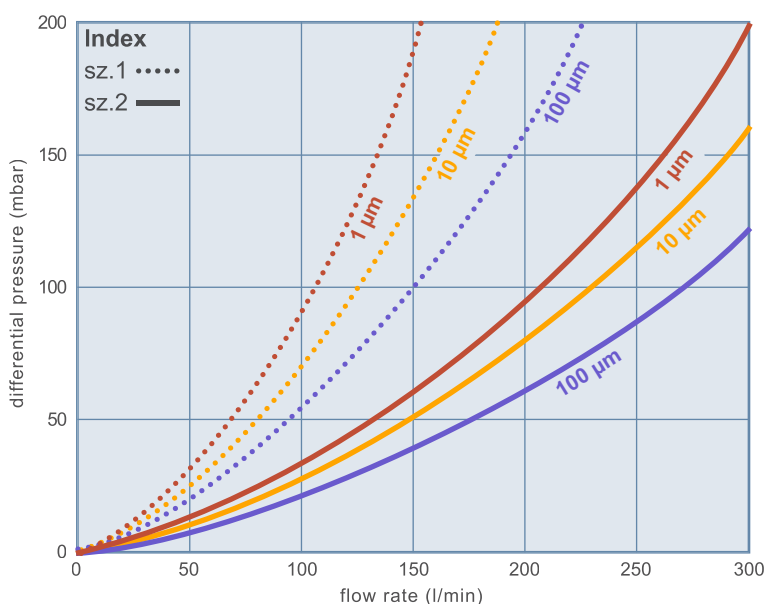
TECHNICAL DATA

acuraMeltflow PRO⁺

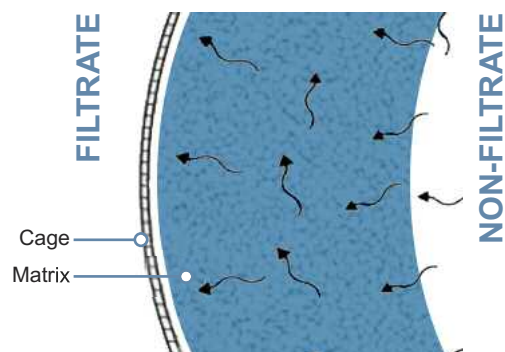
Material	Micron rate	Temperature
Polypropylene (PP) Polyester (PBT)	1 - 100 µm	PP: max. 80°C PBT: max. 100°C

Δp 20°C	Δp 80°C	Filter area	Filter matrix
PP: 2,4 bar PBT: 2,4 bar	PP: 1,0 bar PBT: 1,0 bar	sz.1 : ca. 0,10 m² sz.2 : ca. 0,25 m²	25 mm 

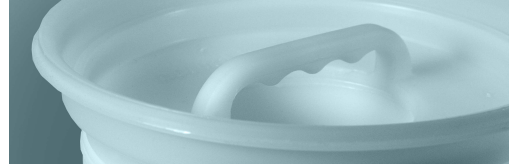
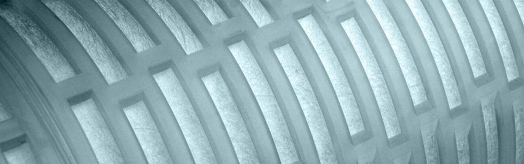
FLOW RATE



FUNCTIONAL PRINCIPLE



acuraMeltflow PRO⁺ High-Performance Filter Elements will be flow from the inside to the outside. This deep filter matrix allows a high load capacity and long service life. The asymmetric pore structure ensures a optimal dirt load of particles with different sizes.

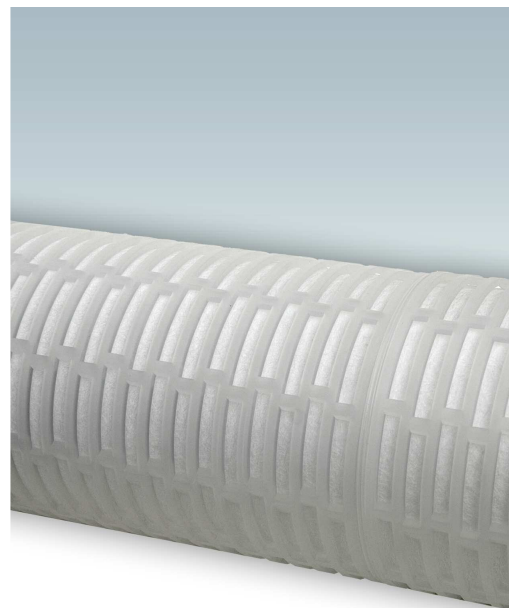


APPLICATIONS

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

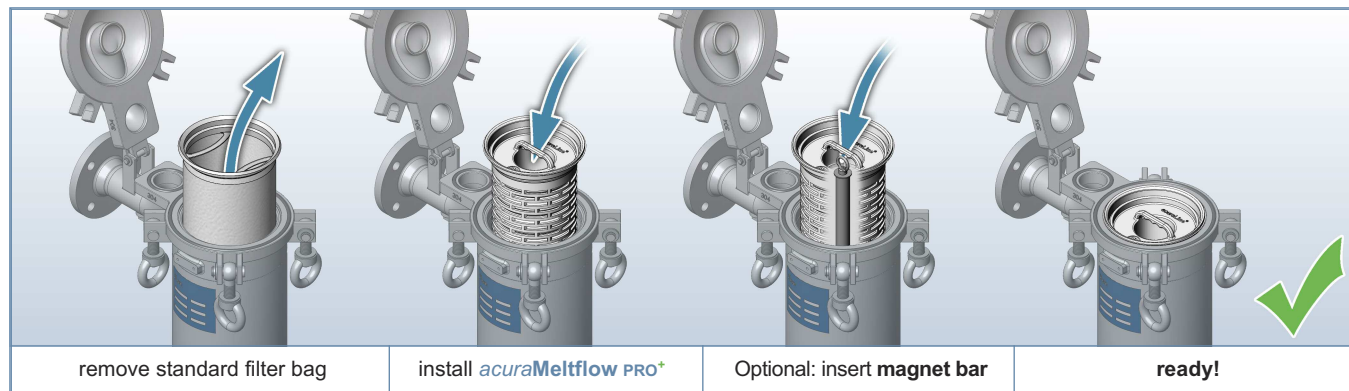
HANDLING AND FILTER REPLACEMENT

acuraMeltflow PRO⁺ 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⁺** and guarantees a by-pass-free filtration. **acuraMeltflow PRO⁺** 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 **acuraMeltflow PRO⁺**

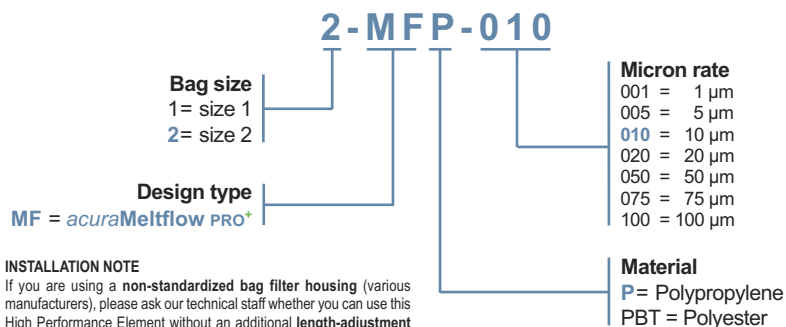
This innovative product is protected with an international design registration.



ORDERING INFORMATION FOR FILTER ELEMENTS **acuraMeltflow PRO⁺**

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



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 adaptor can **easily be setup** for the housing which differs from the standard.

Subject to technical alterations.
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acuraLine[®]