

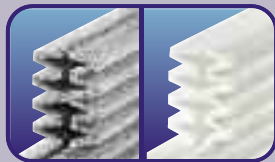
Herding®
pure
productivity

HSL and HSL-C FILTER ELEMENTS

Herding® FILTERTECHNIK THE FILTER ELEMENTS HSL and HSL-C

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Facts make our HSL filter elements so special and convincing. Already today they meet the requirements of tomorrow's environmental protection. The body of the Sinter-plate filters is formed by a sintered polyethylene PE-matrix. The micro-porous and hydrophobic surface coating is firmly embedded into the pores of the matrix.

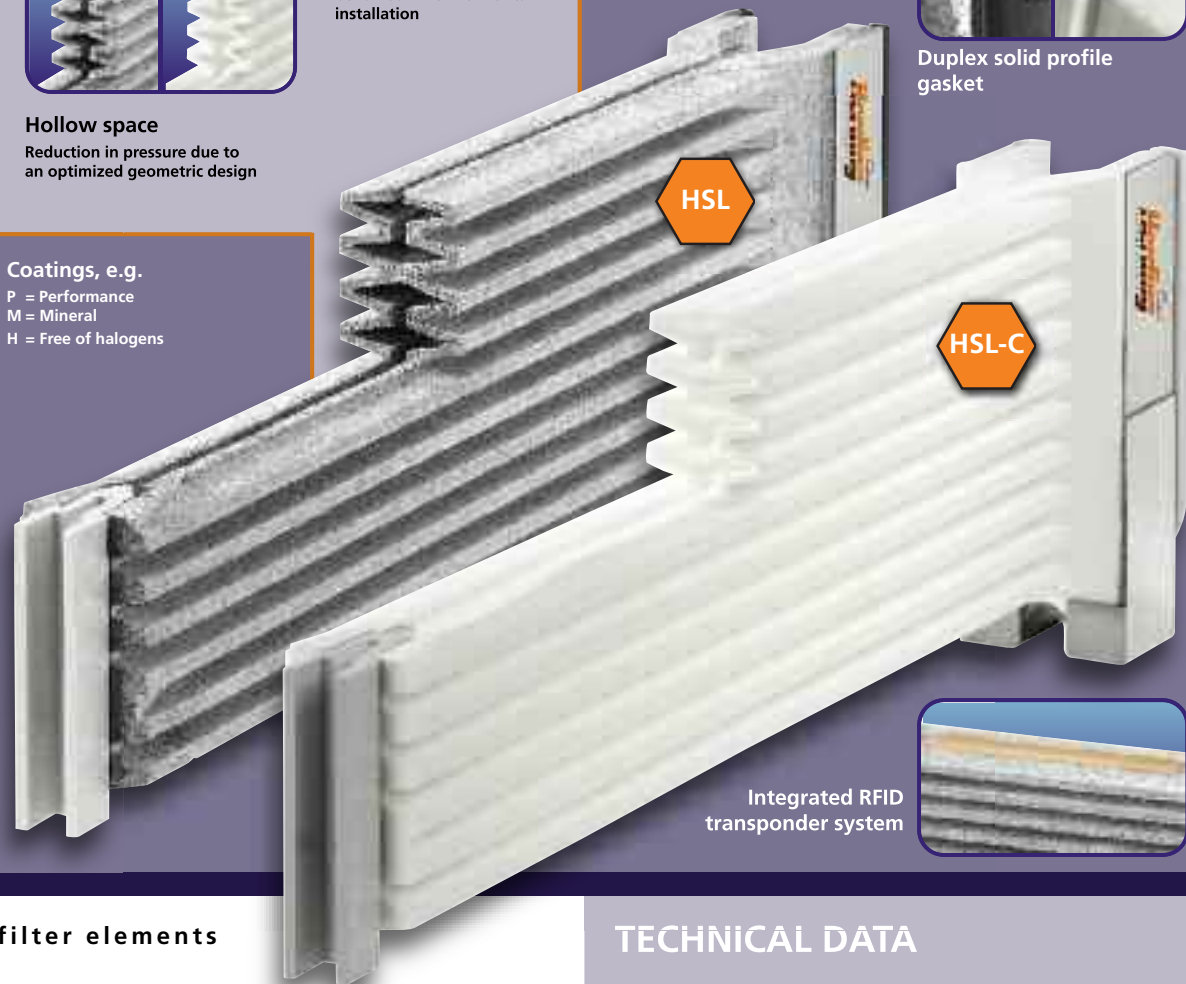


Lamella shape
allows for optimum cleaning
behaviour with horizontal
installation

Hollow space
Reduction in pressure due to
an optimized geometric design



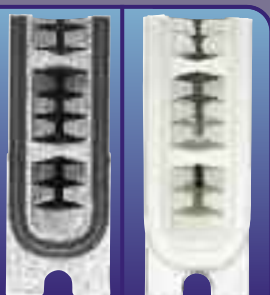
**Duplex solid profile
gasket**



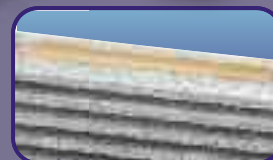
Coatings, e.g.
P = Performance
M = Mineral
H = Free of halogens



PE-head
To stabilize and fix
the filter element



**Integrated RFID
transponder system**




Facts about our filter elements HSL and HSL-C:

- Filter element lifetime of up to 15 years possible
- Low maintenance and spare parts costs due to long useful life of the filter elements
- Constant air flow due to constant pressure drop
- High separation efficiency due to surface filtration
- Dust concentrations in clean gas $\leq 0.2 \text{ mg/m}^3$, depending on the product characteristics
- Compact rigid body due to a robust filter design
- Capable of being washed, recycled and refurbished
- Installation from raw or clean gas side possible
- Absolutely fibre-free filter medium, ideal for product recovery
- Suited for highly abrasive dusts
- Dischargeable (antistatic) resp. non-rechargeable version available
- Approved for food stuffs according to the FDA provisions
- HSL filter element suitable for applications up to 70 °C
- HSL-C filter element suitable for applications up to 100 °C, short-term temperature peaks up to 110 °C possible

TECHNICAL DATA

Filter area per element: 0.54 m² up to 7.64 m²

Large relative filter area on small volume

Filter element acts as Dust  ZoneBarrier

Filter elements act as flame barrier

Easy installation of the filter elements

Effective cleaning at 4.5 bar!

The use of the filter elements is determined by the process and the process parameters

**Please feel free to contact us
for technical assistance**