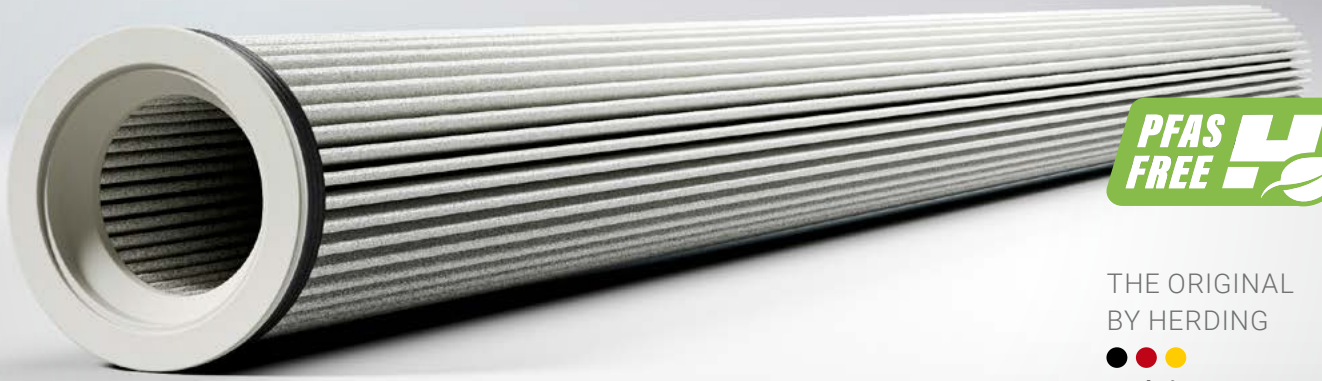




HERDING PHI

EFFICIENT • ROBUST • DURABLE





THE ORIGINAL
BY HERDING

● ● ●
made in germany

BENEFITS

INNOVATION THAT PAYS OFF – HERDING PHI

With the new Herding® PHI filter element, Herding sets new benchmarks in filtration technology, offering a replacement solution for conventional bag filter systems that is superior, both economically and technologically. As the ideal alternative, Herding® PHI combines all proven advantages of the Herding® Sinter-Plate Filters with exceptionally short amortization times and maximum operational reliability. The significant reduction in waste, thanks to remarkably long service life, substantially lowers disposal costs.

Herding® PHI covers a wide range of applications at temperatures up to 100 °C and ensures reliable separation of even the finest particles, achieving clean gas values of <math>< 0.5 \text{ mg/Bm}^3</math>. Its compact design provides four times the filter area compared to bag filters of the same size.

**DURABLE
LONG SERVICE LIFE**



**CONSTANT
OPERATING CONDITIONS**



**FAST
AMORTIZATION**

**ENERGY EFFICIENCY DUE TO
LOW CLEANING PRESSURE**

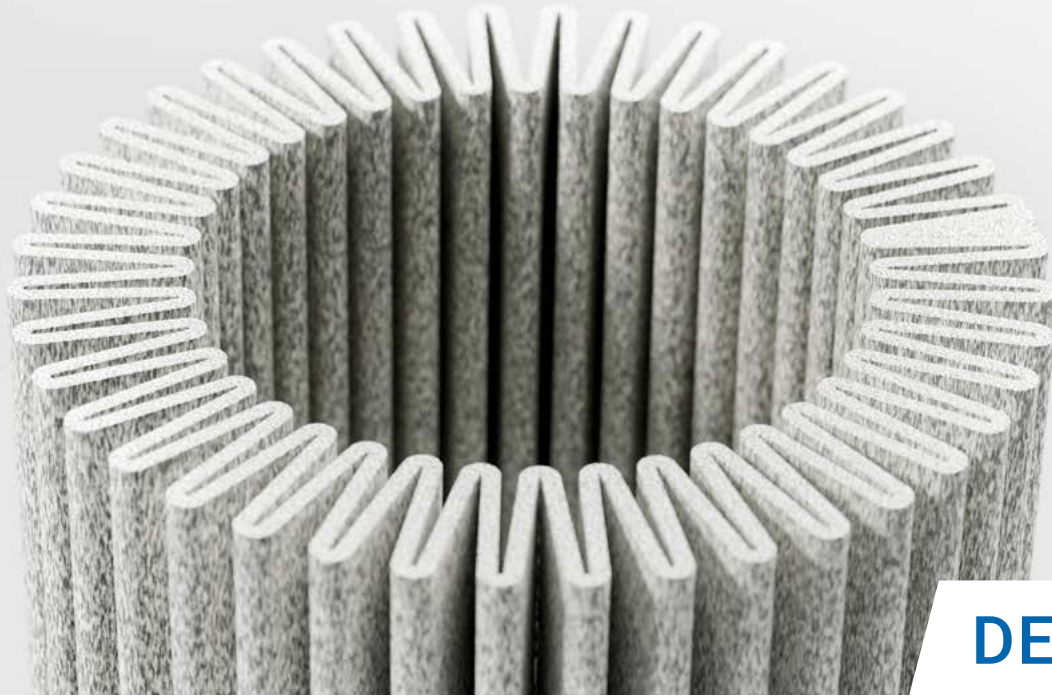


**SIGNIFICANT WASTE REDUCTION
FOR MEASURABLE COST SAVINGS**

**PURE AIR AND CLEAN GAS
DUE TO LOWEST CLEAN GAS VALUES**



**COMPACT DESIGN
FOUR TIMES THE FILTER AREA**

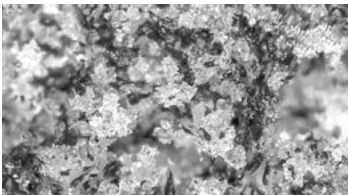


DESIGN

HERDING FILTER TECHNOLOGY WITH PURE SURFACE FILTRATION

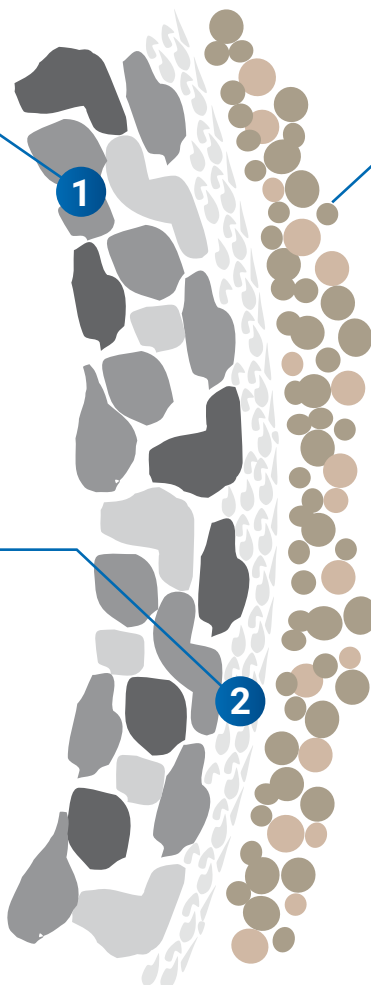
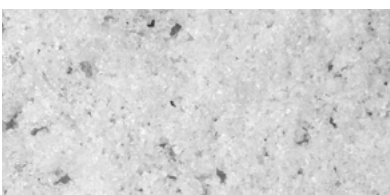
FILTER MATRIX Compact rigid body

Herding® PHI
Sintered PE (polyethylene)



PFAS FREE SURFACE COATING

Microporous layer, homogeneously
embedded in the filter surface



EFFECTIVE PRODUCT SEPARATION

The particle spectrum to be
filtered is separated on the surface.

No affinity to store
fine particles in the filter body.

PFAS-FREE FILTER ELEMENT HEAD

Polyurethane resin



PUSH-IN-INSTALLATION

The Herding® PHI enables the straightforward replacement of existing bag filters – without any modifications to the system. The filter element can be integrated quickly and safely into existing installations. The existing tube sheet as well as the cleaning unit remain unchanged, minimizing downtime and avoiding additional investment costs.



PUT IT IN. PUSH IT IN. DONE.

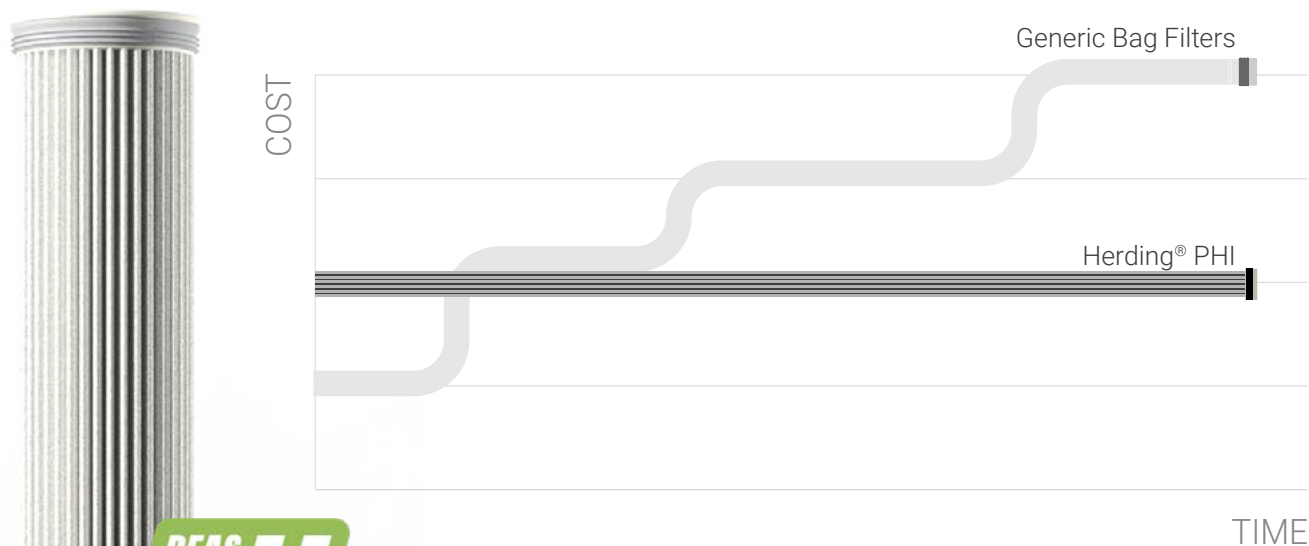
- 1 Glue in conventional welded end
- 2 Insert and press in the Herding® PHI
- 3 Welded end functions as counterpart to the filter head seal.
- 4 No additional fixation and no adjustments to the tube sheet, cleaning system, or any other system components are required



FACTS

MORE PERFORMANCE – LOWER COSTS

The Herding® PHI has been developed as a high-performance replacement solution for bag filters, combining proven filtration technology with clear economic advantages. Thanks to exceptionally long service life, low maintenance and operating costs, and significant savings in waste disposal, the Herding® PHI achieves a fast return on investment. Its technical dimensions allow for straightforward integration into existing systems – without modifications and with long-lasting benefits throughout the entire service life.



TECHNICAL DATA

Filter area [m ²]	Diameter [mm]	Filter length [mm]	Operating temperature [°C]	B-Value [m ³ /m ² min]
0.31 - 4.70	125 - 180	375 - 2400	70 or 100	0.8 - 1.6



CONTACT

Please feel free to contact us! You can fill in the form and send it to us by e-mail.

Company

First name

Family name

Phone

E-mail

Branch

Application

Comments

Herding® is a registered trademark // V1.0

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