

*pure productivity*  
*durable. effective. filter.*

**PURE SURFACE FILTRATION**





THE ORIGINAL-  
BY HERDING



made in germany



## BENEFITS

### HERDING FILTER TECHNOLOGY

The Herding® filter technology bases on pure surface filtration. It sustainably protects man and machine from harmful production emissions and enables absolutely pure and contamination-free material recovery. This increases directly your productivity.

Lowest clean gas values, absolutely constant operating conditions, highest availability and energy efficiency are key features of the innovative technology. All Herding® polymer-based filter media are completely PFAS-free, have an extremely long service life and, depending on the process, achieve service lives of more than 15 years. Thereby the filters make a valueable contribution to environmental protection and sustainability.

Herding® filter elements have proven themselves for decades in effective and safe particle separation in almost all areas of industry . Even with finest grain sizes, energy-efficient air recirculation is possible in most cases, proven even with toxic dust. Numerous applications can be covered in a temperature range of up to 450 °C.

**DURABLE  
LONG SERVICE LIFE**



**CONSTANT  
OPERATING CONDITIONS**



**ENERGY EFFICIENCY DUE TO  
LOW CLEANING PRESSURE**



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



**COMPACT  
DESIGN**

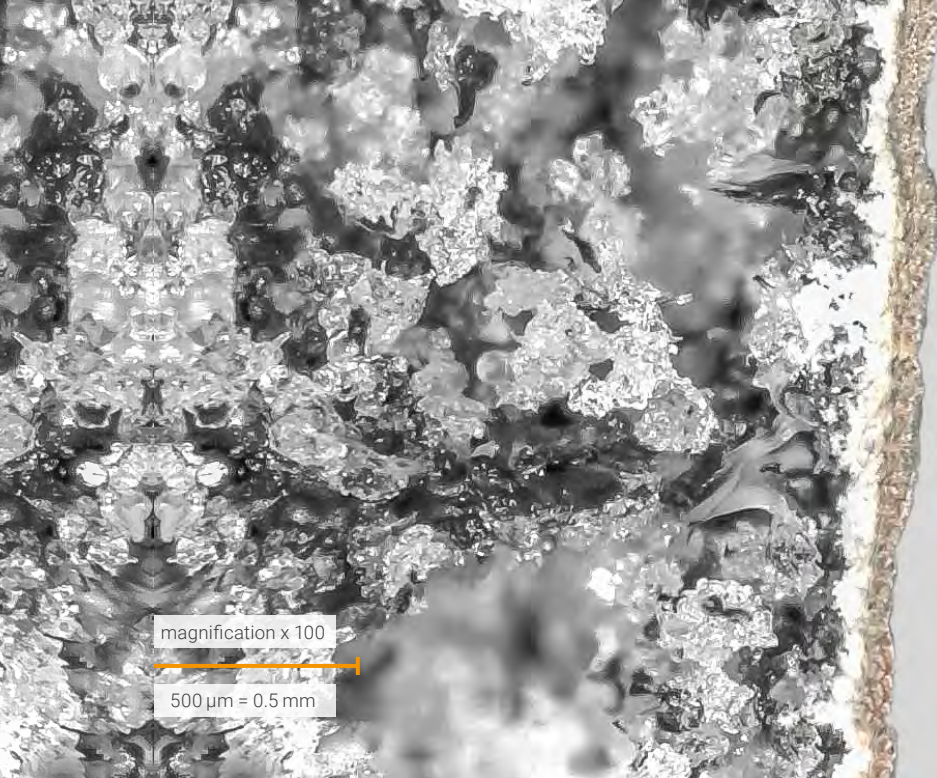


**PRODUCT RECOVERY  
WITHOUT CONTAMINATION**



**RESISTANT  
TO CHEMICALS**





## HERDING FILTER TECHNOLOGY WITH PURE SURFACE FILTRATION

## DESIGN

### FILTER MATRIX

Compact rigid body

#### Herding DELTA, PRO, HSL

Sintered PE (polyethylene)



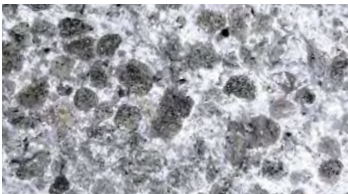
#### Herding BETA

Sintered PPS  
(polyphenylene sulfide)



#### Herding ALPHA

Clay with ceramic binder



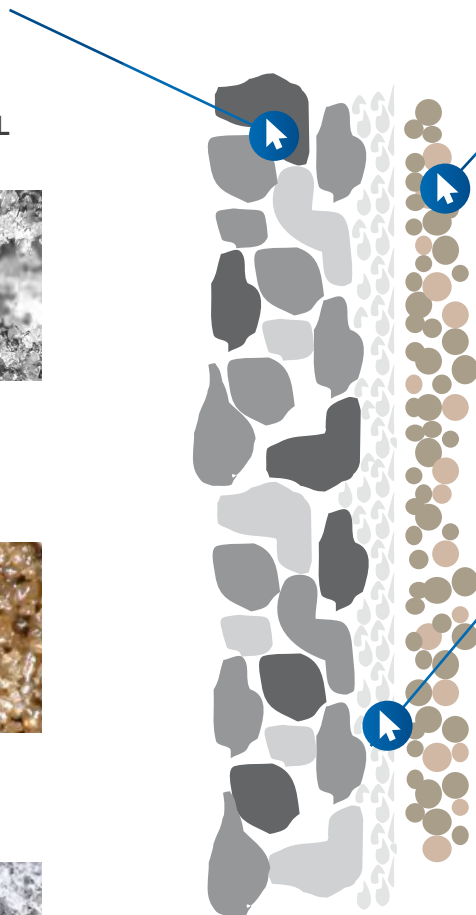
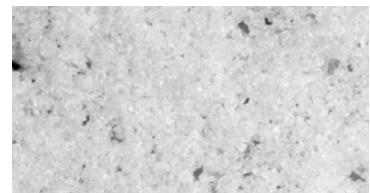
### EFFECTIVE PRODUCT SEPARATION

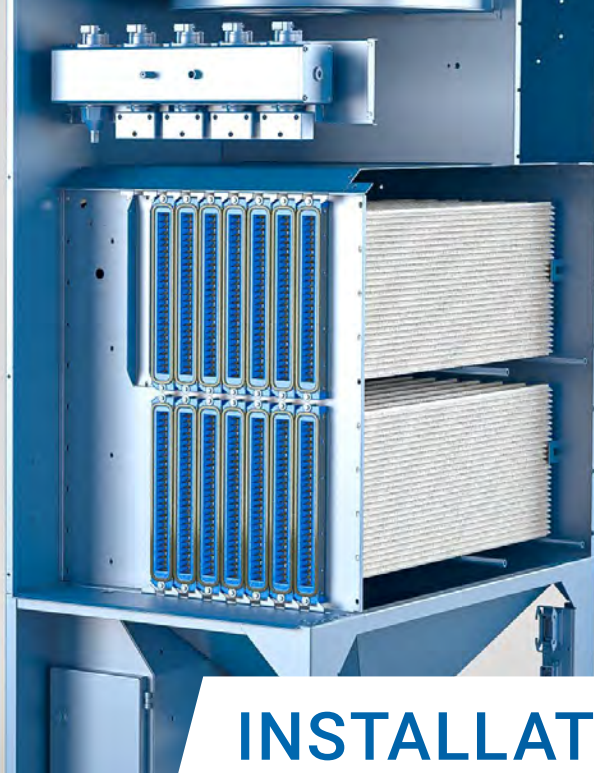
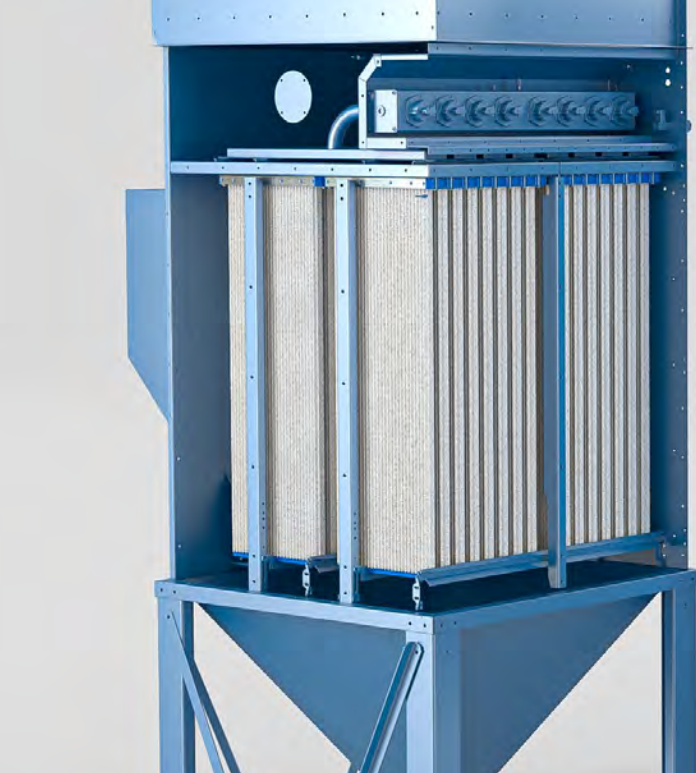
The particle spectrum to be filtered is separated on the surface.

No affinity to store fine particles in the filter body.

### SURFACE COATING

Microporous layer, PFAS-free and homogeneously embedded in the filter surface





# INSTALLATION

## DIRECTION OF INSTALLATION

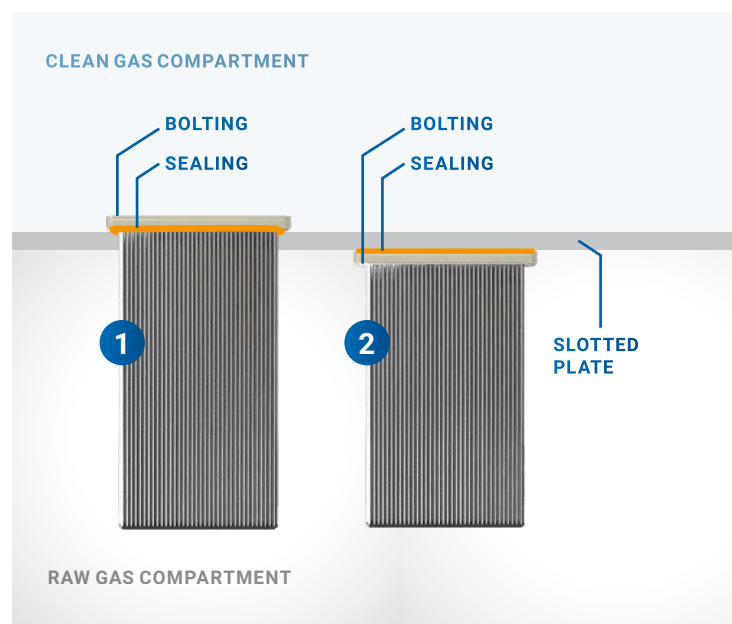
Depending on the individual application and process requirements horizontal or vertical installation is possible.

### 1 CLEAN GAS-SIDE INSTALLATION

Clean gas-side installation enables optimal and clean access to the filter elements and provides highest possible protection for the personnel.

### 2 RAW GAS-SIDE INSTALLATION

The installation of the filter elements from the raw gas side usually allows a direct and optimal revision of the raw gas area. No additional height is required for the installation.



	Herding <b>DELTA</b> <b>DELTA<sup>2</sup></b>	Herding <b>PRO<sup>3</sup></b>	<b>HSL</b>	<b>HSL-C</b>	Herding <b>BETA</b>	Herding <b>ALPHA</b>
<b>Horizontal</b>	✓	✓	✗	✗	✗	✗
<b>Vertical</b>	✓	✓	✓	✓	✓	✓
<b>Clean gas side</b>	✓	✓	✓	✓	✓	✓
<b>Raw gas side</b>	✓	✗	✓	✓	✗	✗





## FILTERS

	Herding <b>DELTA</b> <b>DELTA²</b>	Herding <b>PRO³</b>	<b>HSL</b>	<b>HSL-C</b>	Herding <b>BETA</b>	Herding <b>ALPHA</b>
<b>Operating temperature up to max. [°C]</b>	70	70	70	100	160	450
<b>Residual dust content [mg/m³]</b>	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 2.0
<b>Filter surface area per filter element [m²]</b>	1.10 - 7.10	3.15 - 8.5	0.54 - 7.64	0.89 - 7.64	2.20 - 4.75	3.00
<b>PFAS-free</b>	✓	✓	✓	✓	✓	✓
<b>Adhesive dusts (with precoating)</b>	✓	✓	✓	✓	✓	✓
<b>Abrasive dusts</b>	✓	✓	✓	✓	✓	✓
<b>Regeneration</b>	✓	✓	✓	✓	✓	✗
<b>DustExZoneBarrier acc. to VDI 2263</b>	✓	✓	✓	✓	✓	✗
<b>Clean air recirculation (depending on the dust class)</b>	✓	✓	✓	✓	✓	✓
<b>Antistatic / dissipative version</b>	✓	✓	✓	✓	✓	✗
<b>Non-chargeable version</b>	✓	✓	✓	✓	✓	✗
<b>Foods EU approved</b>	✗	✓	✓	✗	✓	✗



## HERDING FILTERTECHNIK - PURE PRODUCTIVITY

**Sustainability „made in Germany“**

From the single filter element to the completely installed filter system, the production chain starts with the filter media production and ends with the final assembly.

The vertical range of manufacture in Germany ensures an extremely high quality standard and the greatest possible flexibility for our customers worldwide. Based on a well planned modular principle, a variety of filter system types is available, which can be individually tailored to the required application. A wide range of housing and construction materials rounds off the range of product variations.

### Herding **MAXX**

For very high air flows

### Herding **RESIST**

For applications with high requirements on pressure resistance and easy cleanability

### Herding **PROCESS**

The series for highest expectations

### Herding **FLEX**

The flexible type series for all industries

### Herding **COMP**

The compact filter system for limited space





## 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

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