



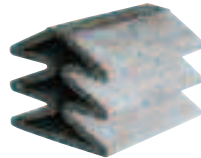
Herding®
pure
productivity

DELTA and DELTA² FILTER ELEMENTS

Herding® FILTERTECHNIK – THE FILTER ELEMENTS DELTA AND DELTA²

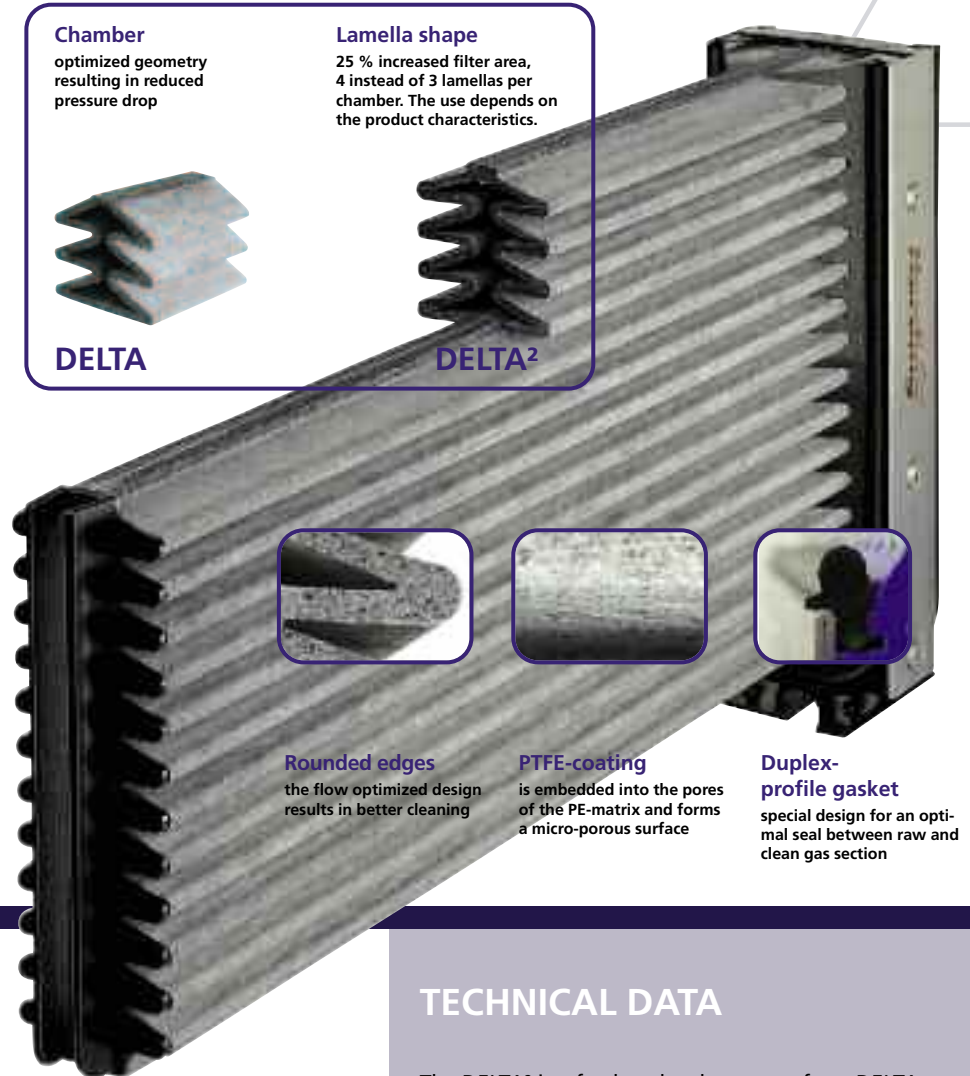
Facts make our Sinter-plate filters so special and convincing. Already today they meet the requirements of tomorrow's environmental technology. The body of the Sinter-plate filters is formed by a sintered polyethylene PE-matrix. The filter surface is built by a micro-porous and hydrophobic coating, which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

Chamber
optimized geometry
resulting in reduced
pressure drop



DELTA

Lamella shape
25 % increased filter area,
4 instead of 3 lamellas per
chamber. The use depends on
the product characteristics.

DELTA²

Rounded edges
the flow optimized design
results in better cleaning

PTFE-coating
is embedded into the pores
of the PE-matrix and forms
a micro-porous surface

**Duplex-
profile gasket**
special design for an opti-
mal seal between raw and
clean gas section



PE-head
to stabilize and fix the
filter element

Facts about our filter elements DELTA and DELTA²:

- 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
- Horizontally or vertically mounting possible
- Absolutely fibre-free filter medium, ideal for product recovery
- Suited for highly abrasive dusts
- Antistatic or non-rechargeable version available
- Approved for food stuffs according to the FDA provisions

TECHNICAL DATA

The DELTA² is a further development of our DELTA-element. The filter area has been increased by 25 % through adding more folds per chamber, but overall dimensions remain consistent with the original dimensions.

DELTA-filter element

Filter area per element: 1.82 m² to 3.75 m²

DELTA²-filter element

Filter area per element: 2.20 m² to 4.75 m²

Both DELTA-versions are available in the following lengths: 750 mm, 1200 mm, 1500 mm

The use of the filter elements is determined by the process respectively by the process parameters.

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