



# SINBRAN® Single Filter Cartridges enables Customized Filtration Solutions

## Customer-Specific Solutions for Tight Installation Situations

- > Different adapter types and sizes can be used.
- > External thread – G1" (raw-gas side).
- > Inside thread – M 27 x 1.5 (raw-gas side).
- > Adapters for installation on clean-gas side.

## Individual Adaptations and Flexible Lengths

The individual cartridges are offered in standard form with an external diameter of 51 mm. Any length can be selected between 200 mm and 1000 mm.  
 As an alternative, cartridges with an external diameter of 37 mm are also available. Designed for customized filtration solutions.

## Advantages at a Glance

- > **Low emissions:** The microfine structure of the ePTFE membrane ensures filtration efficiency close to H12 quality.
- > **Low pressure drop:** Double throughput possible at same strain.
- > **100 % PTFE membrane:** The material with the best anti-adhesive properties.
- > **Flexible:** Different adapters and a choice of lengths ensure a wide range of applications.

## Technical Data

Tubes	Porous HD PE (High Density Polyethylene)
Membrane	100 % ePTFE
Adapter	Polyethylene, Polyethylene with embedded carbon black
Installation	Raw gas side or clean gas side
Adapter raw gas side	External thread
Adapter clean gas side	Flange with O-ring
Length	Minimum length 200 mm, maximum length 1000 mm
Washable	Yes. Please follow instructions!
Continuous operating temperature	70 °C (Without chemical attack)
Peak temperature	75 °C (< 10 minutes)
Differential Pressure	Double throughput possible at same strain.
Antistatic version	Surface resistance < 10 <sup>8</sup> Ω (IEC 60079-1 und -2)

All data expressed are typical values. This technical data is subject to change. Please contact Sinbran GmbH. [www.sinbran.com](http://www.sinbran.com)