



## Hybrid 50

# Excellent filtration with new PLEAT TECHNOLOGY

### PANELFILTER

Hybrid 50 filters feature a new 3-layer filter media design. This state-of-the-art filter media stands out in the finished filter:

- 100 % synthetic
- Tested according to **ISO 16890**
- Low pressure drop due to laminar air flow
- Exceptional dust holding capacity
- Great handling because of low weight
- Humidity resistant construction
- Excellent stability and strength
- No microbial growth (without any additives)

### PLEAT TECHNOLOGY

Hybrid 50 filters represent a new generation of filters based on a proprietary and patented pleat technology. The pleat design itself keeps the pleats apart and withstands all air velocities with a laminar air flow.

### FILTER MEDIA DESIGN

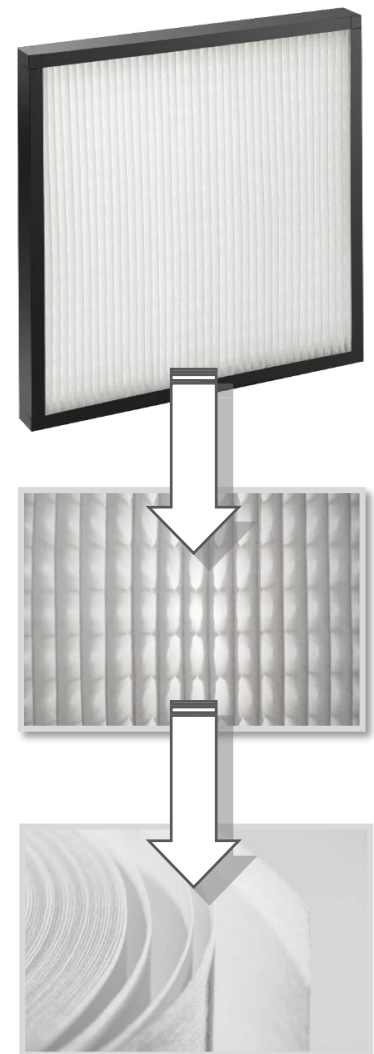
All filter media types of IREMA-Filter are exclusively manufactured on production machines designed and built in-house. The proprietary manufacturing technology enables IREMA-Filter to flexibly design media out of fibers with different filtration properties. This is reflected by a great number of patented processes and products.

By the combination of different fiber types IREMA can create filter media showing a progressive 3-dimensional layered structure.

Today Hybrid 50 filters utilize the most recent 3-layer design of IREMA, which means each layer features its own characteristics:

- 1st layer:** prefilter layer to reach relevant dust holding capacities
- 2nd layer:** proprietary technology for more filtration efficiency
- 3rd layer:** fine dust filtration to capture smallest particles

**All summing up to the excellent Hybrid performance!**



**IREMA**  
Leading FILTER Technology

