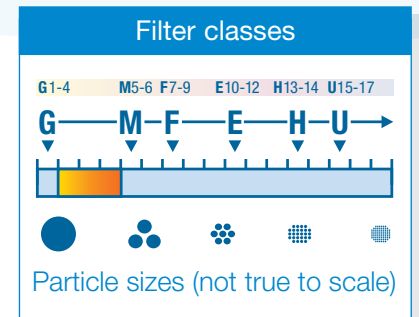




# PROpleat S Panel Filters

Fire retardant to DIN53438-3 (F1)



Our range of efficient **PROpleat S** panel filters, all tested to EN779:2012, offer consistent performance and provide high indoor air quality, making a better working environment. The innovative design of the PROpleat S, with its self-supporting pleats and larger surface area, means a longer service life; saving you time, energy and money.

Choose **PROpleat S** panel filters for high indoor air quality.

## THE KEY BENEFITS

- 1 High indoor air quality**  
The non-shedding polyester material helps to provide high indoor air quality.
- 2 Longer service life**  
Thanks to the design of the **PROpleat S** frame, 98% of the face of the filter is used, enabling optimum performance. With 50% more surface area you'll get a greater dust holding capacity, giving an even longer service life and reducing the number of changes required.
- 3 Energy saving**  
The larger dust holding capacity and lower pressure drop over the life of the filter increases efficiency. This reduces the direct energy required to run the units, thereby reducing CO<sup>2</sup> emissions and running costs.
- 4 Innovative Design**  
Made from a non-shedding polyester material, with self-supporting pleats and no metal mesh. The **PROpleat S** filters are fully incinerable, making them a more environmentally friendly option.



**Air conditioning & ventilation technology**



**Painting & drying technology**



# PROpleat S Panel Filters



## Pleated Panel Filters G4

All tested according to EN779:2012

### APPLICATIONS

#### Pre filtration for:

- Hotels, offices, hospitals
- Food environments

### VERSIONS

- Full range of standard sizes, bespoke sizes available upon request
- Frame types:
  - Card
  - Metal frame, recommended for areas with a high moisture content or high air volumes.
- Frame depths 22mm, 47mm or 96mm
- G4

### MATERIAL CHARACTERISTICS

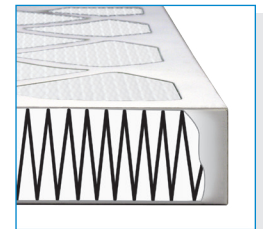
- Tested according to EN779:2012
- Rated G4 to EN779
- Arrestance >90%
- Efficiency >25% >35%
- Final pressure drop 250 Pa
- Operating temperature 80°C

### CLASSIFICATION

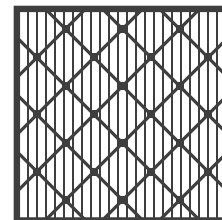
- Filter class G4

### PLEATED PANEL CHARACTERISTICS

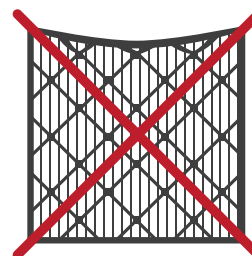
- Larger surface area
- No expanded metal support
- 98% open face area
- Uniformed pleat configuration
- Higher dust holding



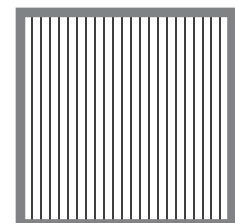
#### How to install pleated panel filters



**Recommended Installation**  
Pleats running vertically.



**Common Issue**  
Sagging card frame filter due to too much moisture, causing air bypass.



**Solution**  
Robust metal frame filter with pleats running vertically.