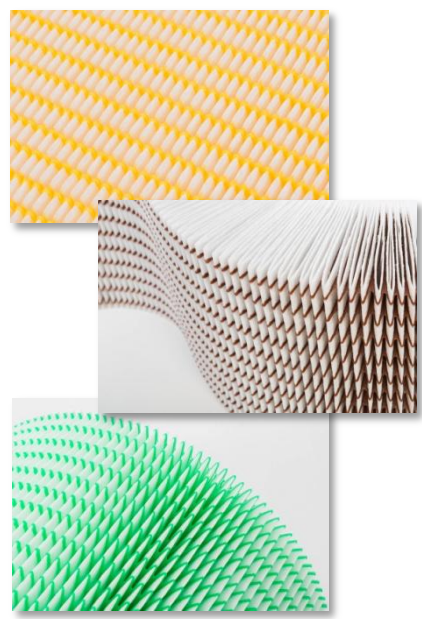


The fully synthetic solution to your filtration needs



IREMA MiniPleats



Features & Benefits!

- ✓ Best filter media usage factor
- ✓ 100% synthetic through PP-spacer beads
- ✓ 100% humidity resistant
- ✓ High mechanical efficiency
- ✓ Low air flow resistance
- ✓ Excellent stability
- ✓ 100% incinerable
- ✓ Will not support microbial growth
- ✓ Longer service life
- ✓ Damage resistant pleat packs

FILTER MEDIA DESIGN.

IREMA's patented fiber technology utilized for our range of filtration media is the latest in "Media Configuration". The filter media consists of 100% polypropylene, is non-shedding and features a three-dimensional media design with exceptional performance. It brings into play all the fundamental mechanical principles of particulate capture. Larger particles of dust are caught by coarse fibers on the air entering side and progressively smaller particles caught by finer fibers through the depth of the media.

PLEAT TECHNOLOGY.

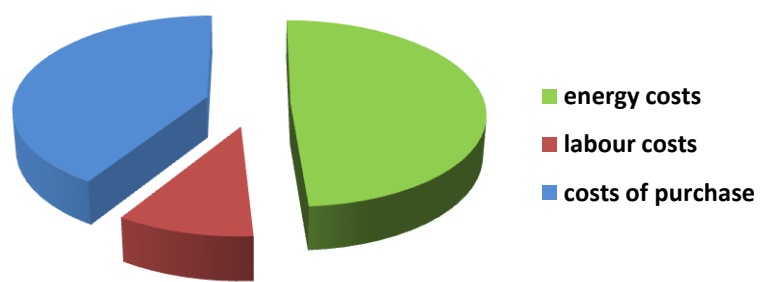
All the filter media of IREMA are pleated on in-house developed pleating machines. IREMA MiniPleats feature exceptional strength, efficiency, dust holding capacity and low air flow resistance as well as high durability thus supporting the energy efficiency of HVAC systems. The MiniPleats are available in different heights: 22, 44, 92, 145 mm.

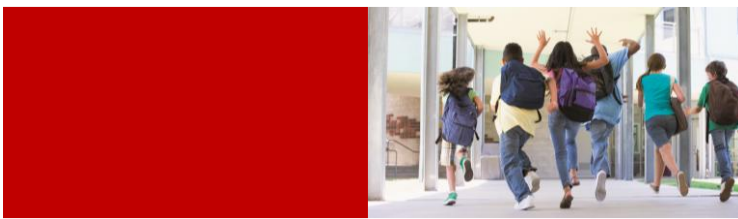
APPLICATIONS.

IREMA MiniPleats, utilized in panel filters, are deployed in a variety of applications where technical reliability and a long service life are a must:

- HVAC industry
- Power plants
- Industrial and commercial buildings
- Gas Turbine Intake Systems
- Food processing
- Hospitals and health care facilities
- Pharmaceutical manufacturing

Typical Filter Lifetime Costs

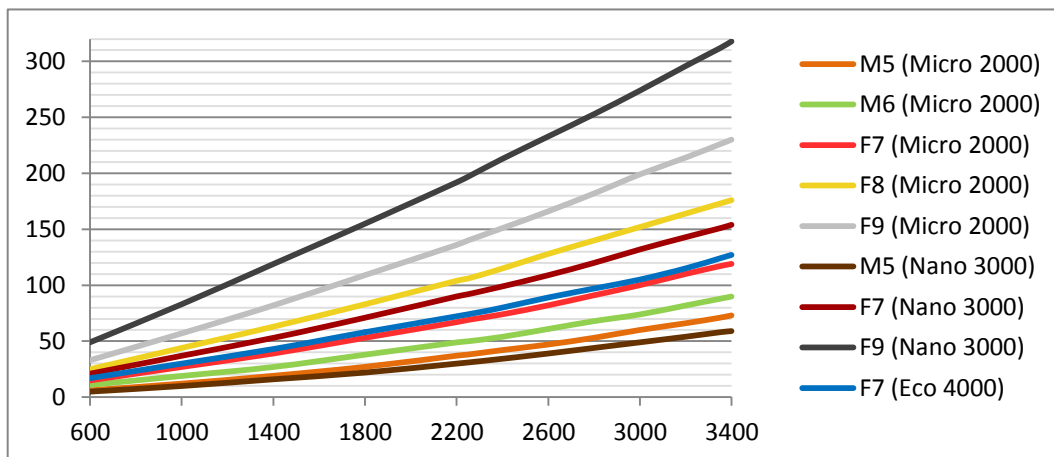




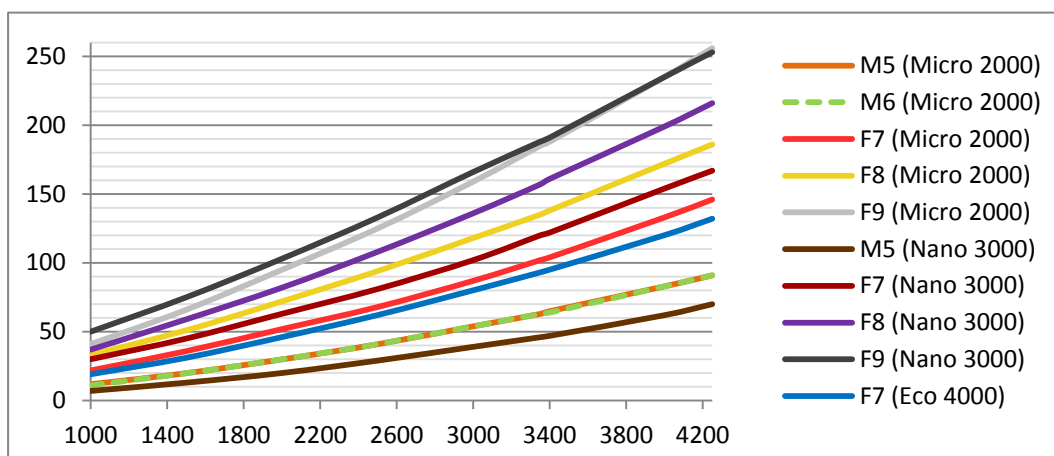
The fully synthetic solution to your filtration needs

- Our MiniPleat product series comprise filtration grades according to **EN779:2002** or **2012**:
 - Micro 2000: M5, M6, F7, F8, F9
 - Nano 3000: M5, F7, F8, F9
 - Eco 4000: F7

- Our MiniPleat products can also be provided according to **Ashrae 52.2**:
 - MERV8 to MERV16



Pressure drop data of IREMA MiniPleats, tested in PanelFilter 593x593x47 mm



Pressure drop data of IREMA MiniPleats, tested in PanelFilter 593x593x95 mm