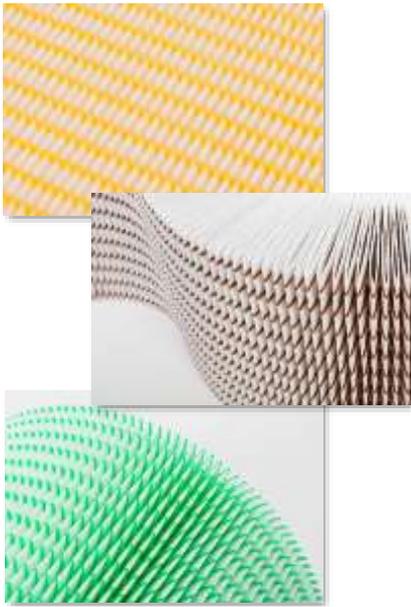




# 100% Synthetic for Your Filtration Business



## IREMA MiniPleats



## Features & Benefits!

- ✓ For EN 779:2002, EN779:2012, ISO 16890 and Ashrae 52.2
- ✓ Best filter media usage factor
- ✓ 100% synthetic through PP-spacer beads
- ✓ 100% humidity resistant
- ✓ High mechanical efficiency
- ✓ Low air flow resistance
- ✓ 100% incinerable
- ✓ Will not support microbial growth
- ✓ Damage resistant pleat packs
- ✓ Long service life
- ✓ Enhancing energy efficiencies of HVAC systems

### FILTER MEDIA DESIGN.

IREMA's patented fiber technology utilized for our range of filtration media is the **latest in "Media Configuration" out of 100% PP**. Our most recent filter media developments feature a multi-layer structure with a **pre-filter layer**, followed by **progressive depth filtration layers**, thus achieving a highly improved filter lifetime and energy efficiency. All our fibers are produced in a solvent-free, melt-based and environmentally friendly proprietary process and do not contain any chemical binder. The endless fibers are **highly damage resistant** and **totally non-shedding**.

### PLEAT TECHNOLOGY.

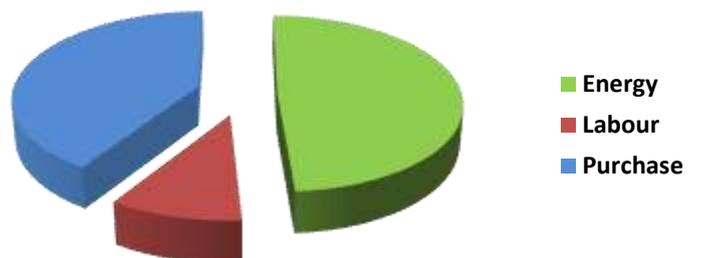
All filter media of IREMA are pleated on in-house designed pleating machines. **IREMA MiniPleats** feature exceptional **strength, efficiency, dust holding capacity** and **low air flow resistance**. Filters manufactured out of IREMA MiniPleats support the **energy efficiency** of HVAC systems. We can manufacture MiniPleats in different pleat heights: 17, 22, 28, 34, 44, 92, 145 mm in a standard size of 600x1200mm or pre-cut sizes depending on volume.

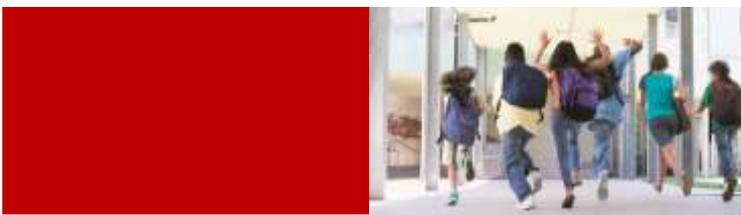
### APPLICATIONS.

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

- |                                       |                                |
|---------------------------------------|--------------------------------|
| - HVAC industry                       | - Food processing              |
| - Power plants                        | - Hospitals                    |
| - Industrial and commercial buildings | - Health care facilities       |
| - Gas turbine intake systems          | - Pharmaceutical manufacturing |

### Typical Filter Lifetime Cost

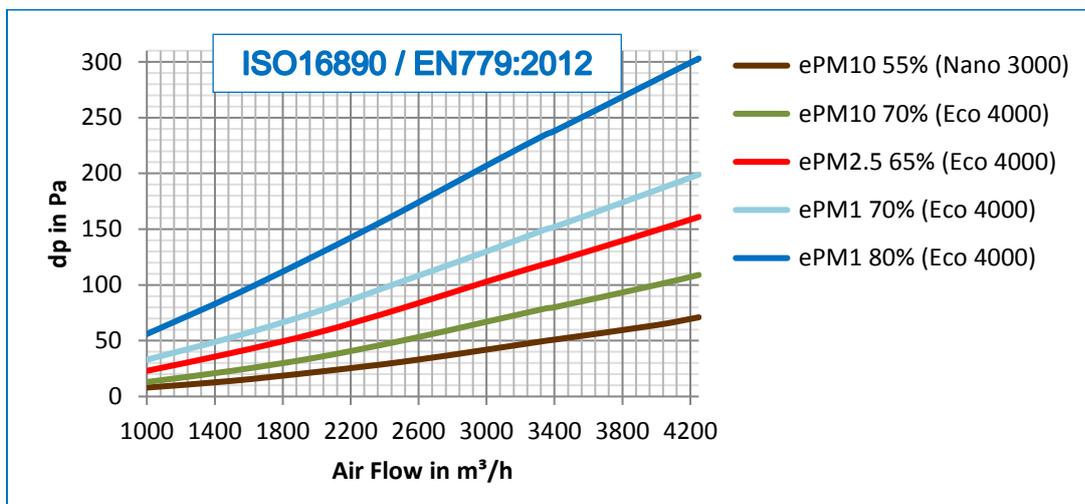




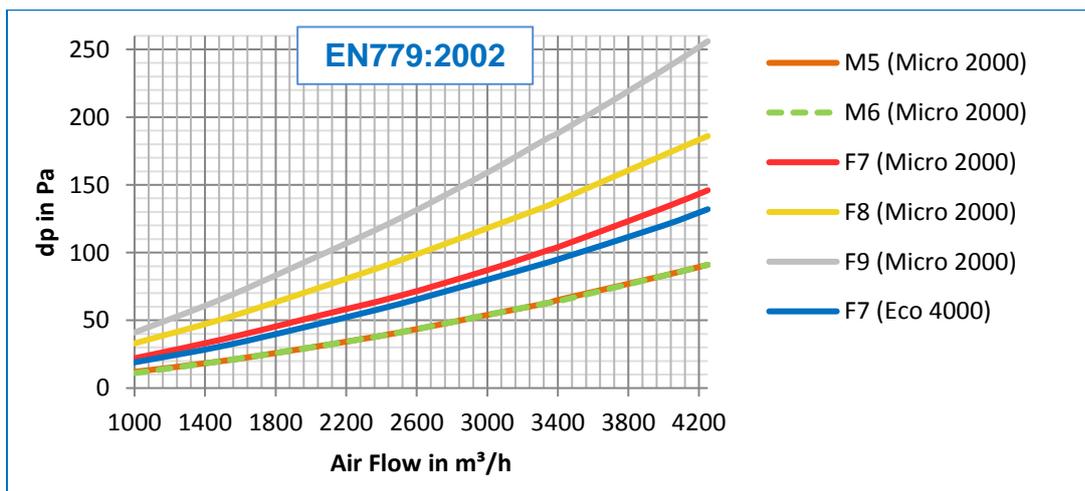
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Our MiniPleats have been developed and tested according to standards like:

- EN779:2002 (Micro 2000)
- EN779:2012 (Nano 3000)
- ISO16890 (Eco 4000)
- Ashrae 52.2 (out of all series)



↑ Pressure drop data of IREMA MiniPleats tested in a PanelFilter: 593x593x95 mm ↓



Please send an e-mail for more technical information to [sales@irema.de](mailto:sales@irema.de).  
Upon request we will send you a quotation for standard MiniPleats or pre-cut sizes.

If you have questions, please get back to us anytime.