

MORE than just filtration!

FILTER MEDIA

IREMA's Filter Media - Engineered for excellence

With IREMA, you are not just buying a filter, you're investing in cleaner air, better health and a brighter future. Our multi-layered filter media design has set industry benchmarks, going beyond mere filtration to become a guardian of your air quality. The specific manufacturing technology for our filter media enables us to design 3D media out of coarse, fine and ultrafine fibers and the products stand out in:

- 100% synthetic - no glass fiber
- Progressive media for long lifetime
- 100% humidity-resistant
- Excellent fiber stability



Eco-friendly

Our solvent-free, melt-based fibers are environmentally sound. No chemical binders - just clean, reliable technology.



Microbe-resistant

Made from Polypropylene (PP), our filter medias don't just stop dust and particles; they naturally resist bacteria, mold, and fungi.



Features

Our pleatable materials stand out with high dust holding capacities and excellent efficiencies regarding capture of fine particles.



Technology

Each layer of our filter media has a specific role to play. The result? A longer-lasting, energy-efficient filtration experience.



Equipment

We're not just designers; we're makers. We build machines in-house that are highly automated, giving us market-leading product consistency.



Customization

With the flexibility of producing filter medias with different fiber diameters, we exceed industry standards and customer expectations.

Breathe the difference

IREMA's Filter Media - Your perfect match

Our tailored range of three-dimensional filter media designs comprises different product categories and all are designed to meet the diverse needs of the industry.

Micro 2000 series

For general filtration applications

- **Stability and low pressure drop:** Expect long-lasting performance
- **Standards:** Meets EN779, ASHRAE 52.2, automotive standards



Nano 3000 series

For advanced filtration needs

- **Efficiencies:** Capture of fine particles - enhance indoor air quality
- **Optimal Pressure drop:** Optimize your system efficiency
- **Standards:** Meets EN779, ASHRAE 52.2, automotive standards



Eco 4000 / Eco 4000+ series - The Green Giant

For energy-efficient filtration

- **Air permeability:** Best ratio regarding efficiency
- **Eco-friendly:** Improved filter lifetime
- **Standards:** Meets ISO 16890, EN779, ASHRAE 52.2



Pure 5000 series

For non-charged filtration

- **Mechanical efficiency:** High efficiency with very low pressure drop
- **Standards:** Meets ISO 16890



OTHER MEDIA OPTIONS

100% pleatable synthetic media composites > 99,5% TSI, 32 lpm

Advanced combination of meltblown and backer material for highly efficient filters

Ultra soft synthetic meltblown for FFP2 applications

Enhanced material for the manufacture of masks

Contact us today to discover
your ideal filtration solution!

Phone: +49 9180 9414 0
Mail: sales@irema.de

das Reine Leben