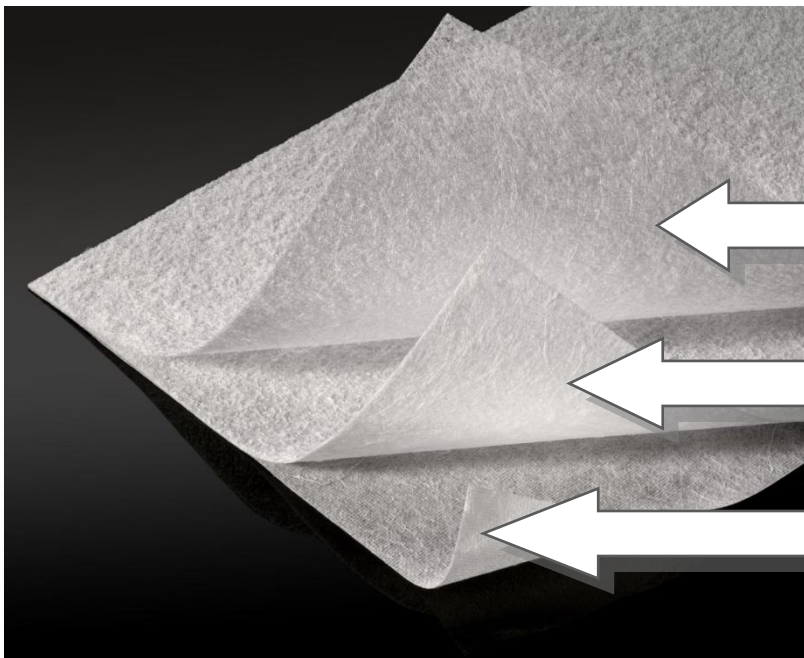


Advanced Materials

IREMA-Filter Technology

Progressive fine fiber filter media in 3D



Multilayer construction with different features:

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

PROPRIETARY TECHNOLOGY

IREMA's filter media products are exclusively manufactured on production machines designed and built in-house in Germany. Our systems are highly automated, which leads to an excellent price-performance ratio. The specific manufacturing technology for our filter media enables us to flexibly design media out of coarse, fine and ultrafine fibers.

The combination of different fiber diameters allows us to design and manufacture progressive filter media. This provides the opportunity to achieve an excellent balance between filtration efficiency, air permeability and durability. By taking micro and very fine fibers (in diameters less than 1 μm), our media can capture fine and very fine particles when air is filtered.

HYDROPHOBIC FILTER MEDIA

Polypropylene (PP) as the basic material has additional outstanding advantages. PP-material is hydrophobic and does not support the growth of microorganisms such as bacteria, mold and fungi.

