

KAY-FINESSE®

FILTER MEDIA WITH OPTIMIZED FIBER BLENDS EFFICIENT FILTRATION SOLUTIONS FOR A CLEANER FUTURE

The modern industrial world faces increasing environmental and operational challenges. From ever-more stringent emission regulation to sharply increasing energy costs, more than ever there is a demand for highly-engineered filtration solutions.

For decades, KAYSER® FILTERTECH has been at the forefront of such technology with our KAY.FINESSE® needle-felt concept.

At KAYSER® FILTERTECH we take our commitment to contributing to a cleaner world seriously, which is why we continuously refine and improve our low emission, high efficiency product range to cope with the increased demands the industrial world expects.

The goal is very clear: We develop a product range promoting high-surface area concepts for optimal cake build up. Even for the finest particle sizes seen in certain applications. With the special KAY.FINESSE® construction of various fibre shapes and sizes, optimal cake structure is promoted.

BENEFITS

- ✓ Surface focused filtration for optimal cake build up.
- ✓ Ultra low emissions.
- ✓ Reduced pressure drop.
- ✓ Extended bag life due to less pulsing.
- ✓ Energy savings for end user.

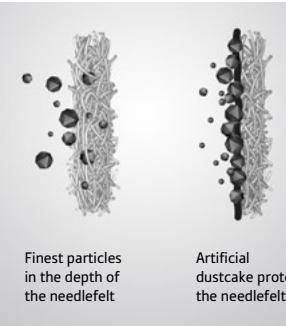
UNIQUE FIBRE BLENDINGS AND CONSTRUCTIONS

THE DUST CAKE DOES THE WORK

When the finest particles are kept away from the depth of the needlefelt, emissions are lower, pressure drop is improved, compressed air consumption is reduced and filter bag lifetimes are longer. The dust cake does the work, preserving the filter media for a longer life. KAY.FINESSE® can also be complemented with our range of treatments to further enhance certain characteristics such as our industry-leading "Serie.90" for even better performance.



Finest particles in the depth of the needlefelt



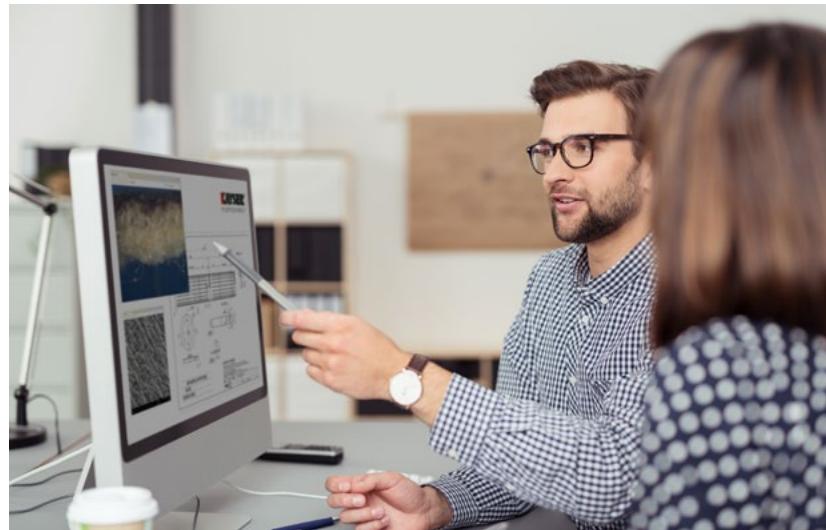
Artificial dustcake protect the needlefelt

BEYOND THE FILTER MEDIA

Our KAY.FINESSE® product ranges start life with the design of the filter media. However, we are also aware that this alone will not be sufficient. For this reason we are not only a filter media producer, but a full solution provider. The filter media must be converted into filter bags and the cage fit must be optimal for the application. Therefore, we have the filter bag manufacturing and filter cage production all in-house in our own facilities.

Product design is a blend of application engineering, R&D and production know-how which is provided by our dedicated team of specialists.

Finally, the customer-made solution must be put into service. To this end, we use our dedicated in-house KAY.SERVICE® installation team to make sure that the products achieve their full potential during the operational lifetime through following the correct installation, start-up and maintenance procedures.



INDUSTRIES

- Waste to energy
- Metallurgical
- Biomass
- Food
- Mineral
- Chemical

YOUR COMPLETE SUPPLIER AND PARTNER FOR THE ENTIRE FILTRATION PROCESS

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It's ALL.KAY

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