



**Dust** is a complex mixture of air and solid particles of different shapes and sizes. The chemical composition and physical characteristics can also vary significantly. Dust is categorised into different classes using these variables. Fibres, such as the particularly dangerous asbestos and mineral fibres (when < 5 µm), can also penetrate deep into the respiratory tract. The exact identification of the individual dust classes is therefore important in order to be able to select the right vacuum cleaner when the danger has been assessed.



**Dust** that isn't created in the first place cannot endanger anyone. Such effective dust prevention can be achieved only by means of direct suction at the power tool. If this is not possible, there are many ways to bind or vacuum up dust, or to prevent it getting into our lungs with appropriate breathing equipment.

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# KÄRCHER

makes a difference



## A VACUUM CLEANER IS ONLY EVER AS GOOD AS ITS FILTER.

Our filters are all first-class and some are even unique.

PROFESSIONAL | FILTERS

# VACUUMING UP INSTEAD OF COUGHING UP

Our lungs simply aren't built to deal with fine dust. Let alone large volumes of it. And it's those large volumes that can be extremely dangerous. That's why chronic obstructive pulmonary disease (COPD) is the third most frequent illness. Treatment costs several billion Euro. How much is your health worth to you?



# TOP IN EVERY CLASS

It has never been safer to show true colours. Our filters are colour-coded to indicate their application. Brown signifies wood and fibre dust. Red indicates HEPA. Black denotes the toughest applications. Blue means they can be used anywhere. And green indicates dry dust and high cost-effectiveness.

## Wood

Our brand new cartridge filter fits into all new single-motor Kärcher Tact vacuum cleaners. The 8 cartridges with PTFE coating work efficiently for wood and fibre dust of any kind. Guaranteed dust separation rate: 99.9%.

## Safety/HEPA

The first cleanable H filter for wet and dry vacuum cleaners. Single-stage and available exclusively from Kärcher. Guaranteed dust separation rate: 99.995% (HEPA).

## Ultimate

Our PTFE filter is the best filter solution for applications that create a great deal of dust, e.g. sanding fresh concrete or working with toners.

Can be used in all single-motor NT Tact and Ap models. Guaranteed dust separation rate: 99.9%.

## Wet & Dry

These PES filters (standard feature in our new NT Tact vacuum cleaners) provide excellent results for both wet and dry applications. Guaranteed dust separation rate: 99.9%.

## Dry

These paper filters are an excellent choice for dry applications, including in terms of price. Can be used in all single-motor NT Tact and Ap models. Guaranteed dust separation rate: 99.9%.

## CARTRIDGE FILTER Wood

Dust class: **M+L**



### Customer benefits

- Enables fibre dust vacuuming without a filter bag for the first time.
- High suction power guaranteed (no clogging!).
- Moisture- and rot-resistant.

## FLAT PLEATED FILTER Safety/HEPA

Dust class: **H**



### Customer benefits

- Suitable for vacuuming hazardous and explosive dusts.
- The new PTFE H filter is the first cleanable H filter on the market. It therefore enables vacuuming of large quantities of fine dust without a filter bag.
- A safety filter set or disposal bag is required for vacuuming hazardous dusts.

## FLAT PLEATED FILTER Ultimate

Dust class: **M+L**



### Customer benefits

- Moisture- and rot-resistant.
- Even more cost-effective thanks to longer filter service life.
- High suction power guaranteed (no clogging!).

## FLAT PLEATED FILTER Wet & Dry

Dust class: **M+L**



### Customer benefits

- Moisture- and rot-resistant.
- Even more cost-effective thanks to longer filter service life.
- Ideal for frequent switching between wet and dry vacuuming.

## FLAT PLEATED FILTER Dry

Dust class: **M+L**



### Customer benefits

- High suction power when vacuuming fine dust.
- High rate of dust retention.
- The filter must be dried after vacuuming liquids!

