

PARTICULATE MATTER

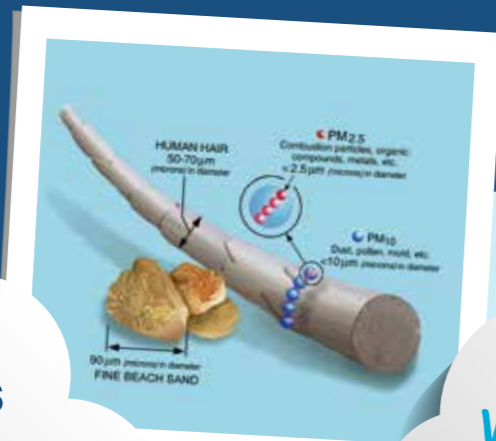
What is it?



FROM THE TEAM AT
evotech
 air quality

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WHAT is Particulate Matter (PM)?

PM is a range of particles of dust, dirt and liquids in the air. Some you can see such as smog, smoke or soot. The most harmful are smaller, invisible particles.

Types of PM	Size
PM 1	less than 1 micron
PM 2.5	less than 2.5 microns
PM 10	less than 10 microns

WHERE does it come from?

1. Transport
2. Fires
3. Power plants
4. Farming
5. Dust storms
6. Volcanoes

HOW is it measured?

PM is difficult to detect without special equipment.

The Airthings indoor air quality sensors provide real-time information in your classroom so you know when PM is in the air.

- Normal less than 10µg/m³
- Action 10 to 35µg/m³
- Warning 35µg/m³ or more

WHO is affected and how?

Everyone can be affected by PM.

- It can cause asthma in young people and makes some health conditions worse, including stroke, heart and lung disease in older people.
- It can irritate your eyes, nose, ears and throat.
- It can trigger asthma and allergies.

