

Which protective mask suits my application?

Purchasing guide for the appropriate respiratory protection

Not every protective mask is suitable for every task. This decision aid assists with selection – clear, practical and directly application-oriented.

1

What hazard is present?

Dust & Particles

Grinding, drilling, sawing

- ▶ **Particle filtering masks (e.g. P1, P2, P3)**

Smoke & welding fumes

Welding, thermal processes

- ▶ **Half masks with particle filter or combination filter**

Gases & vapours

Paints, solvents, chemicals

- ▶ **Half or full masks with suitable gas filters**

Changing hazards

Combination of dust and vapours

- ▶ **Reusable masks with combination filters**

2

Disposable or reusable?

Disposable protective masks

- ▶ For short-term use
- ▶ Low maintenance requirements
- ▶ Quickly available

Reusable protective masks

- ▶ For regular use
- ▶ Filter replaceable
- ▶ Economical for continuous use

3

Fit & wearing comfort

- ▶ Mask must fit the face shape.
- ▶ Adjustable straps ensure a secure fit.
- ▶ A good fit reduces fatigue and leakage.

4

Combination with other PPE

- ▶ Safety goggles must not fog up.
- ▶ Helmets or hearing protection must not impair the fit.
- ▶ Always consider respiratory protection as part of the overall PPE.

Quick decision

- Short-term + dust:** Disposable particulate filter mask
- Regular use:** Reusable half mask
- Gases & vapours:** Mask with suitable gas or combination filter

Conclusion:

The correct protective mask depends on **Hazard, duration of use and wearing comfort.** A targeted selection increases the protective effect and makes everyday work easier.