

Here you can see results of the tested mask at a glance.





But what do these figures and evaluations say?



Penetration:

This is the transmittance of the mask, i.e. the percentage of particles that pass through the mask and can potentially be inhaled. The lower the value, the safer the mask is when worn optimally.

3+:	< 0,5 %)/
ЭΤ.	< 0,5 /	0

3:
$$0,5-1\%$$



^{*}Based on a particle size distribution with median= 0.29 µm and geometric standard deviation= 1.85. (Deviating results according to EN149 are possible as the median may be between 0.29 and 0.45 µm and the geometric standard deviation between 1.6 and 2.2).

Measurements are performed on samples fresh from the factory.

Maximum penetration:

It describes the transmittance at 0.145 μ m. The smaller this value is, the safer the mask is when worn optimally.

A:	< 0.5	0/
Α.	< U.5	70

B:
$$0,5-1\%$$

C:
$$1 - 3.5 \%$$

E:
$$6 - 13 \%$$

Measurements are performed on samples fresh from the factory.



^{*}Based on a particle size distribution with median= 0.29 µm and geometric standard deviation= 1.85. (Deviating results according to EN149 are possible as the median may be between 0.29 and 0.45 µm and the geometric standard deviation between 1.6 and 2.2).

Respiratory resistance:

This is the resistance that must be overcome when breathing. The lower the value, the more comfortable it is to wear the mask.

A: < 150 Pa

B: 150 - 210 Pa

C: 210 - 240 Pa

D: 240 - 300 Pa

E: 300 - 350 Pa

F: 350 - 400 Pa

G: > 400 Pa

Measurements are performed on samples fresh from the factory.



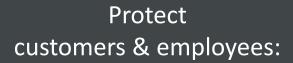
Our measuring device: PMFT 1000



- ✓ **Exact analysis** of filter and respiratory resistance
- Testing of fractional efficiency and efficiency in whole size range of 100 nm up to 40 μ m
- ✓ Individual **face mask adapter** for your product
- ✓ 2 Aerosols: NaCl, oil
- ✓ **Availability**: Short delivery times!



Our offer for you!



We test your respiratory masks: including quality label!



Click here for our offer!

