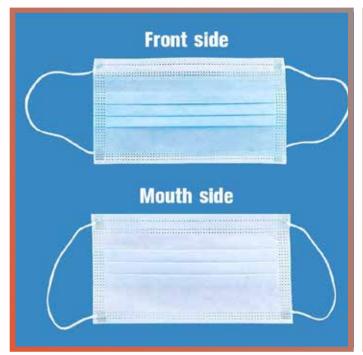
Az-3 Layer





Test protocol information sheet - Az 3Layer face mask

1. Test performed

Flat sheet efficiency test – 99% efficiency on 3 micron.

The face mask we offer is tested in our laboratory. The DEHS Particle Filter Efficiency test, performed on a flat sheet test-rig, shows the efficiency of the filter material is above standard. (type II according to EN 14683).

INSTRUCTIONS

How to wear the mask









- Please store the product in a cool and dry place;
- It is not recommended to wear when the air is not circulating, breathing is not smooth or sleeping;
- Children under three years old are not recommended because of their low vital capacity;
- Please pay attention to the correct direction of the mask when wearing, and avoid wearing it upside down, which will greatly reduce the effectiveness of the
- Do not continue to use if package is damaged.

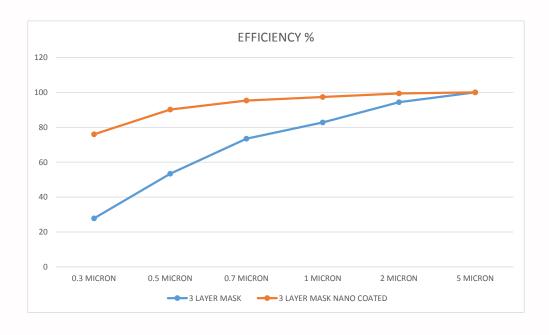


Permeability / breathability test

In order to ensure breathability and comfort during wearing we have performed and test to ensure these factors. In below graph you can see the relation between airflow and pressure drop of the media.

Results:

Efficiency (%)		
Particle Size (µm)	3 LAYER MASK	3 LAYER MASK NANO COATED
0.3	27.83	75.97
0.5	53.39	90.12
0.7	73.45	95.33
1	82.75	97.35
2	94.35	99.36
5	100	100





2. Additional tests scheduled

The facemasks are currently enrolled in a testing program of the laboratory of HEX Group in Belgium. Within June, this laboratory will communicate the results on following tests, all according to European standards.

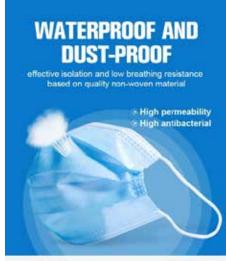
- Bacterial Filtration Efficiency (BFE) according to EN 14683:2019
- Differential pressure (breathability) according to EN 14683:2019
- Microbial cleanliness according to EN ISO 11737-1:2018

3. Splash resistance test (IIR according to ISO22609)

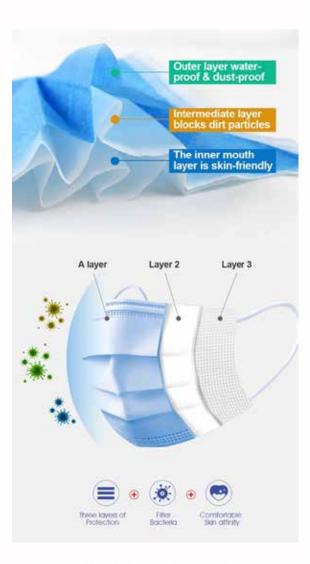
When desired and upon request, we could also perform a Splash resistance test (ISO 22609:2004). We are currently cooperating with Nelson Labs (USA) which could perform this test. They could be able to share the results of this test within 8 weeks. Additionally we are constantly looking for laboratoria that can perform test quicker then the current time schedule

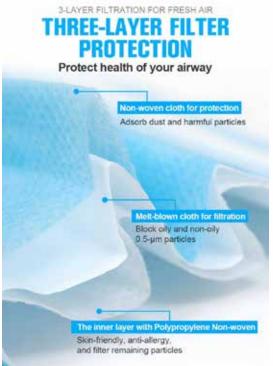


Az-3 Layer









DETAIL DISPLAY Details show quelity













Az-3 Layer

The Request By: Customer Test No: AZ-LAB-99041001 Time: 16:00 AM

Device Tested:

Model/Code:	Manufacturer:	Construction and Design:
Sample of mask media		Flat sheet
Type:	Net Effective Filtering Area(m ²):	Dimension(mm):
		Ø 100

Test Conditions:

Temperature(°C):	
32	
Test Air Relative Humidity(%RH):	
32	
Test Air Flow(m ³ /h):	
100 m3/h	

Counter Information:

Device:	Model:	Manufacturer:
Laser Particle Counter	HHPC-6	Met One (USA)

Test Information:

Test Mode:	Neutralization Method:	
Additional Information:		
3 LAYER MASK : SMS + MELT + SMS		
3 LAYER MASK NANO COATED : SMS (NANO COATED) + MELT + SMS		

Preparator: Laboratory Supervisor Verifier: Q.C Manager (Reza Ghiami) Verifier: Q.C Manager (Seyed Alireza Hosseini)

