



LETTER OF INFORMATION

QUESTION: Can I use Air Queen Breeze for a total of 24 hours?

Air Queen Breeze Mask is a disposable mask with CE FFP2 Certificate. The mask wearing period is to determine the duration of filtration efficiency.

The duration of filtration efficiency is determined by the wearing environment of the mask

It is difficult to give you exact answer of how many hours you can wear the mask. For your reference I will share the test result of AirQueen Breeze Mask and harsh filtration efficiency test conditions.

1. Mask pretreatment before harsh filtration efficiency test.

1) Pretreatment conditions

a) for 24 h to a dry atmosphere of $(70 \pm 3) ^\circ\text{C}$

b) for 24 h to a temperature of $(-30 \pm 3) ^\circ\text{C}$

c) Mechanical strength (Putting a mask on the cam and applying an impact to the cam while rotating)

2. Harsh filtration efficiency test conditions and criteria

1) Test condition: The mass of aerosol particles is 120mg, and the test is conducted until 120mg of the mass of particles is exhausted, and the filtration efficiency results are checked every 5 minutes.

2) Criteria: Minimum value must be at least 94%

3. Certification Institution Result

Name	#1	#2	#3
Sodium	99.62	99.56	99.67
Paraffin Oil	99.18	99.04	98.96

And I haven't tested it for each environment with appointed random period.

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