KN95 SELF-PRIME FILTER RESPIRATOR

PLANET HALO
MY HEALTH

KN95
NOT ALL ARE CREATED EQUAL

MEET & SURPASSES
N95/FFP2
PARTICULATE FILTRATION EFFICIENCY
Tested by NIOSH Laboratory Research Center

FDA CERTIFIED

CE

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH_2O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	9.5	0.736	0.736	99.26
2	85	8.2	2.07	2.07	97.93
3	85	9.3	0.831	0.831	99.17
4	85	10.0	1.46	1.46	98.54
5	85	10.2	1.31	1.31	98.69
6	85	9.3	0.849	0.849	99.15
7	85	9.4	0.943	0.943	99.06
8	85	8.9	0.765	0.765	99.23
9	85	8.6	1.09	1.09	98.91
10	85	9.8	1.24	1.24	98.76
Minimum Filter Efficiency: 97.93			Maximum Filter Efficiency: 99.26		

Description
Filtering face piece respirators (FFR), which are sometimes called disposable respirators, are subject to various regulatory standards around the world. These standards specify certain required physical properties and performance characteristics in order for respirators to claim compliance with the particular standard. During pandemic or emergency situations, the CDC references the following; certain populations should use a "N95, FFP2, or equivalent classification (KN95)" respirator.

Our respirators are equivalent or higher than the N95 NIOSH rated particulate filtration efficiency.

Features
- Our certificates are 100% authenticated
- **FDA / CE / ISO Certified**
- Produced in an ISO/FDA Certified Medical Facility

Specifications
- Filter performance, which is the evaluation of the fillter to measure the reduction in concentrations of specific aerosols in air that passes through the filter. > 95%.
- Test Agent NaCi.
- Flow Rate 85 L/min.
- Total inward leakage (TIL) <5%.
- Inhalation resistance – maximum pressure drop <150 Pa

Particulate Filter Efficiency Testing
The maximum and minimum penetration value will be reported for the set of 10 respirators. Each respirator will be tested on a TSI 8130 and/or 8130A Automated Filter Tester, set to the following parameters:

a. The flow rate will be set to 85.0 ± 4.0 Liters/Minute.
b. Aerosol concentration will not exceed 200 mg/m3.
c. The particle size distrib will be 0.075 ± 0.020 micrometer w/ a geometric standard deviation not exceeding 1.86.
d. Each respirator will be tested for 10 minutes.
e. Maximum penetration will be recorded for each individual respirator

*The above-listed product classification has similar performance requirements to NIOSH-approved devices. This assessment was developed as an assessment of the filter efficiency for those respirators represented as certified by an international certification authority, due to the respirator shortage associated with COVID-19. These results will be used to update the CDC guidance for Crisis Capacity Strategies.
This assessment provides useful information about the filter efficiency of respirators that may be used by healthcare workers in national emergency situations

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Please recycle.

CE FDA

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