



## 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 medical grade equivalent to N99 and we exceed the CDC recommendation of N95 NIOSH Standards.

## Features

- Our certificates are 100% authenticated through a 2 step verification process.
- FDA 10062864 / CE / **FFP3 Certified**
- 5-ply mask medical grade equivalent

## Specifications

- Filter performance, which is the evaluation of the filter to measure the reduction in concentrations of specific aerosols in air that passes through the filter. >95%.
- Test Agent NaCl.
- Flow Rate 85 L/min.
- Total inward leakage (TIL) <5%.
- Inhalation resistance – maximum pressure drop <350 Pa.

**Filter performance** – the filter is evaluated to measure the reduction in concentrations of specific aerosols in air that passes through the filter.

**Test agent** - the aerosol that is generated during the filter performance test.

**Total inward leakage (TIL)** – the amount of a specific aerosol that enters the tested respirator facepiece via both filter penetration and faceséal leakage, while a wearer performs a series of exercises in a test chamber.

**Inward leakage (IL)**– the amount of a specific aerosol that enters the tested respirator facepiece, while a wearer performs a normal breathing for 3 minutes in a test chamber. The test aerosol size (count median diameter) is about 0.5 micro meter.

**Pressure drop** – the resistance air is subjected to as it moves through a medium, such as a respirator filter.

*IMPORTANT: Always read and follow respirator user instructions.*



**Planet Halo Health**  
864 Laurel Street #150  
San Carlos, CA, 94070

**Contact Information**  
Sales: Ted Wu  
650-456-1611  
t.wu@planethalo.com  
myhealth.planethalo.com

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