



Technical Data Sheet

KN95 Respirator Face Mask

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1. Product Overview

Filtering facepiece respirators (FFR) are subject to various regulatory standards around the world (see examples below) and provide a much higher level of protection with face form fitting and greater pressure drop. To claim compliance with the particular standard as listed below, these respirators must meet or exceed required physical properties and performance characteristics, which can vary according to the regulatory bodies of different countries.

- N95 (United States NIOSH-42CFR84)
- KN95 (China GB2626-2006)
- FFP2 (Europe EN 149-2001)

The Center for Disease Control (CDC) recommends the N95/KN95/FFP2 for use in high risk situations, especially by medical personnel during pandemics. They are not exactly the same, but they are expected to function very similarly to one another.

A reference by 3M in a technical bulletin* released in January 2020 demonstrates that the several country-specific standards used to grade the FFR tend to converge into functional equivalence. N95 (US), KN95 (China) and FFP2 (EU) standards produce FFR devices that are similar enough to be interchangeable for the purposes of their use in a pandemic. All of them are good for filtering non-oil-based particles such as those resulting from wildfires, PM 2.5 air pollution, volcanic eruptions, or bioaerosols (e.g. viruses).

*Reference: <https://multimedia.3m.com/mws/media/1791500O/comparison-ffp2-kn95-n95-filtering-facepiece-respirator-classes-tb.pdf>

2. Specifications

Product Name:	KN95 Respirator Face Mask
Aerosol Type:	Non-Oil
Color:	White
Size:	Universal
Exhalation Valve:	No
Strap Attachment:	Ultrasonic welding
Adjustable Nose Clips:	Yes
Standards:	KN95 (China GB2626-2006)
Certification:	FDA & CE Certified



Note:

1. Non-Sterile; This is not a surgical mask.
2. Not suitable for harmful gases and steam.
3. Not suitable for hypoxic environments, underwater operations or firefighting.
4. Not for children. Adult use only.
5. Design and packaging may vary from batch to batch.

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