



Technical Data Sheet

KN95 Respirator Face Mask

Contact Information:

Distributor: ACS Material, LLC.

Address: 959 E Walnut St., Suite 100,

Pasadena, CA 91106, USA

Phone: (866)-227-0656

Fax: (781)-518-0284

E-Mail: contact@acsmaterial.com

Revision: 031920

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:	Stapled
Adjustable Nose Clips:	Yes
Standards:	KN95 (China GB2626-2006)
Certification:	FDA & CE Certified



Note:

1. Non Sterile
2. Not suitable for harmful gases and steam
3. Not suitable for hypoxic environments, underwater operations or fire fighting

Disclaimer: ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties either express or implied, regarding the suitability of the material for any purpose or the accuracy of the information contained within this document. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information.