

KN95/FFP2 Disposable Particulate Respirator



US Gas is doing everything feasibly possible to keep our employees and customers healthy and happy. We think it's important to educate ourselves and others about respirators in this time of shortage due to the coronavirus (COVID-19)

The CDC has recommended we brush up on the different certifications around the world for respirators with a similar filter capacity to N95, since the entire world does not use N95 as a specification.

For example the USA, Japan, Korea, China, and Europe all have extremely similar respirator requirements however we all call them different names. For example **a European FFP2, a Chinese KN95, and an American N95 are all comparable respirators that the CDC suggests us to use during N95 respirator shortages.** Two full articles on the subject can be found below.

Strategies for optimizing respirator supply:

<https://www.cdc.gov/coronavirus/2019-ncov/hcp/respirators-strategy/crisis-alternate-strategies.html>

Comparison of specifications:

<https://multimedia.3m.com/mws/media/17915000/comparison-ffp2-9051a-n95-filtering-facepiece-respirator-classes-tb.pdf>

Our Supplier is being proactive and importing from China, at costs nearly 10 times more than normal N95 masks, **dual certified FFP2/KN95 respirators.** We are **preselling the first shipment NOW which is due in our warehouse Tuesday, March 24th.** These are brand new respirators that are being air freighted in to respond to this pandemic. We **don't expect these to last very long** due to the demand we have seen in the last few weeks. This has led us to preselling now so we can adequately keep up with demand. These respirators are coming from a **very reliable source** we have been working with for years in China. Luckily new cases of coronavirus in China are virtually non-existent which we hope helps the flow of PPE supplies into the USA.



Item Number	Filter Performance	Test Agent	Flow Rate	Total Inward Leakage	Inhalation Resistance	Exhalation Resistance	Exhalation Valve Leakage Requirement	Force Applied	CO2 Clearance Requirement	Pkg Qty	Price
KN95DC	≥ 94%	NaCl and paraffin oil	95 L/min	≤ 8%	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 300 Pa	-	-	≤ 1%	50/Box	\$4.99/mask
	≥ 95%	NaCl	85 L/min	≤ 8%	≤ 30 Pa	≤ 250 Pa	Depressurization to 0 Pa ≥ 20 sec	- 1180 Pa	≤ 1%	50/Box	
	>			-	-	-	-	-	-		

Use for particles such as those from grinding, sanding, sweeping, sawing, bagging, or processing minerals, coal, iron ore, flour, metal, wood, pollen, and certain other substances. Liquid or non-oil based particles from sprays that do not also emit oil aerosols or vapors. NIOSH Approved: N95

Available by pre-order only. Recommended by the CDC as equivalent to N95 respirators

KN95DS Respirators meets FFP2 and KN95 specs. KN95 Similarly equivalent to American N95 according to CDC. Sold by the individual mask.

Prepay only, first come first serve, non returnable, non cancelable. Estimated delivery dates could possibly be delayed due to Government shutdowns