



**CÓDIGO:**  
**ZP-0155**

## FICHA TÉCNICA

(Paquete De 50 Piezas ) Tapaboca Reutilizable Kn95. Mascarilla Para Mas De Un Uso Con Filtro Triple. Nivel De Proteccion Kn95 Que Filtra El 95% De Los Virus Y Bacterias Mismo Nivel De Proteccion Que Niosh N95

Based on this comparison, it is reasonable to consider China KN95, AS/NZ P2, Korea 1st Class, and Japan DS FF R as "equivalent" to US NIOSH N95 and European FFP2 respirators for filtering non-oil-based particles such as those resulting from wildfires, PM 2.5 air pollution, volcanic eruptions, or bioaerosols (e.g. viruses). However, prior to selecting a respirator, users should consult their local respiratory protection regulations and requirements or check with their local public health authorities for selection guidance.

Certification/Class (Standard)	N95 (NIOSH 42CFR 84)	FFP2 (EN 149:2001)	KN95 (GB26110-2008)	P2 (AS/NZ 3760:2012)	Korea 1st Class (KMOEL-2017-64)	DS (Japan JMAHLW-Notification 214, 2018)
Filter performance - (based on a 0.3 µm efficiency)	≥ 95%	≥ 95%	≥ 95%	≥ 95%	≥ 95%	≥ 95%
Test agent	NaCl	NaCl and paraformal	NaCl	NaCl	NaCl and paraformal	NaCl
Flow rate	85 L/min	85 L/min	85 L/min	85 L/min	85 L/min	85 L/min
Total inward leakage (TIL) - based on human subjects with breathing exercises	N/A	≤ 5% (based on arithmetic mean)	≤ 5% leakage (arithmetic mean)	≤ 5% leakage (individual and arithmetic mean)	≤ 5% leakage (arithmetic mean)	Inward leakage measured and included in user instructions
Inhalation resistance - max pressure drop	≤ 343 Pa + 70 Pa (at 30 L/min) + 200 Pa (at 95 L/min) + 250 Pa (at 150 L/min)	≤ 350 Pa	≤ 350 Pa	≤ 70 Pa (at 30 L/min) + 200 Pa (at 95 L/min) + 250 Pa (at 150 L/min)	≤ 70 Pa (at 30 L/min) + 200 Pa (at 95 L/min) + 250 Pa (at 150 L/min)	≤ 70 Pa (arithmetic) + 50 Pa (no valve)
Flow rate	85 L/min	Varied - see above	85 L/min	Varied - see above	Varied - see above	40 L/min
Exhalation resistance - max pressure drop	≤ 245 Pa	≤ 300 Pa	≤ 250 Pa	≤ 300 Pa	≤ 300 Pa	≤ 70 Pa (arithmetic) + 50 Pa (no valve)
Flow rate	85 L/min	850 L/min	85 L/min	85 L/min	850 L/min	40 L/min
Exhalation valve leakage requirement	Leak rate ≤ 30 mL/min	N/A	Depressurization ≤ 0.1 Pa @ 250 mL/min	Leak rate ≤ 30 mL/min	Leak rate ≤ 30 mL/min	Depressurization ≤ 0.1 Pa @ 50 mL/min for 30 sec
Force applied	≤ 245 Pa	N/A	≤ 250 Pa	≤ 250 Pa	N/A	≤ 470 Pa
City clearance requirement	N/A	≥ 7%	≥ 7%	≥ 7%	≥ 7%	≥ 7%

\*Japan JMAHLW-Notification 214 requires an Inward Leakage test rather than a TIL test.

¿Dónde usarlo?: Oficina, Escuela, Restaurante, Barbería

Cantidad x Empaque: 50

Características: Reutilizable para mas de un uso con filtro triple.

Código de producto: ZP-0155

Con Banda: Si

Marca: YATO

Protección: Contra el polvo no tóxico, polvo de jardín, polvo de hogar o fibras que producen polvo y humo

Tipo: Respiradores y Filtros

Ajustable: Si

Capacidad: Filtra el 95% de los virus y bacterias mismo nivel de protección que NIOSH N95

Certificaciones: CE

Color: Blanco

Filtros Tipo: N95

Procedencia: Importado

Se vende por: Paquetes de 50 unidades.

Usos: Multipropósito

## INFORMACIÓN ADICIONAL







(Paquete De 50 Piezas ) Tapaboca Reutilizable Kn95. Mascarilla Para Mas De Un Uso Con Filtro Triple. Nivel De Proteccion Kn95 Que Filtra El 95% De Los Virus Y Bacterias Mismo Nivel De Proteccion Que Niosh N95

## KN95

MULTIPLE PROTECTION



**FILTRATION EFFICIENCY**  
95%

-  Smong
-  Powder
-  Talgas
-  Second
-  Antrodor
-  Granules



Based on this comparison, it is reasonable to consider China KN95, AS/NZ P2, Korea 1st Class, and Japan DS FFRs as "equivalent" to US NIOSH N95 and European FFP2 respirators, for filtering non-oil-based particles such as those resulting from wildfires, PM 2.5 air pollution, volcanic eruptions, or bioaerosols (e.g. viruses). However, prior to selecting a respirator, users should consult their local respiratory protection regulations and requirements or check with their local public health authorities for selection guidance.

Certification/Class (Standard)	N95 (NIOSH-42C FRB4)	FFP2 (EN 149-2001)	KN95 (GB2626-2006)	P2 (AS/NZ 1716:2012)	Korea 1 <sup>st</sup> Class (KMOEL - 2017-64)	DS (Japan JMHLW-Notification 214, 2018)
Filter performance – (must be ≥ X% efficient)	≥ 95%	≥ 94%	≥ 95%	≥ 94%	≥ 94%	≥ 95%
Test agent	NaCl	NaCl and paraffin oil	NaCl	NaCl	NaCl and paraffin oil	NaCl
Flow rate	85 L/min	95 L/min	85 L/min	95 L/min	95 L/min	85 L/min
Total inward leakage (TIL)* – tested on human subjects each performing exercises	N/A	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (arithmetic mean)	≤ 8% leakage (individual and arithmetic mean)	≤ 8% leakage (arithmetic mean)	Inward Leakage measured and included in User Instructions
Inhalation resistance – max pressure drop	≤ 343 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min) ≤ 500 Pa (clogging)	≤ 350 Pa	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (at 30 L/min) ≤ 240 Pa (at 95 L/min)	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	Varied – see above	85 L/min	Varied – see above	Varied – see above	40 L/min
Exhalation resistance – max pressure drop	≤ 245 Pa	≤ 300 Pa	≤ 250 Pa	≤ 120 Pa	≤ 300 Pa	≤ 70 Pa (w/valve) ≤ 50 Pa (no valve)
Flow rate	85 L/min	160 L/min	85 L/min	85 L/min	160 L/min	40 L/min
Exhalation valve leakage requirement	Leak rate ≤ 30 mL/min	N/A	Depressurization to 0 Pa ≥ 20 sec	Leak rate ≤ 30 mL/min	visual inspection after 300 L/min for 30 sec	Depressurization to 0 Pa ≥ 15 sec
Force applied	-245 Pa	N/A	-1180 Pa	-250 Pa	N/A	-1,470 Pa
CO <sub>2</sub> clearance requirement	N/A	≤ 1%	≤ 1%	≤ 1%	≤ 1%	≤ 1%

\*Japan JMHLW-Notification 214 requires an Inward Leakage test rather than a TIL test.