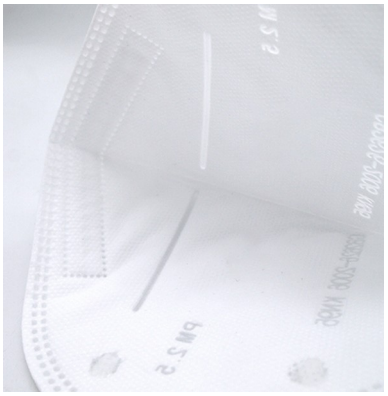
KN95 PM2.5

rev. 11



Code	Description	
KN95-CE	KN95 disposable face mask	
	Composition	4 layers: 40 gsm non-vowen + 50 gsm melt-blown fabric + 60 gsm cotton + 20 gsm non-vowen
	Packing	Individually packed units | 50 units per bag | 20 bags or 1000 units per carton | 9 kg per carton 68*32*61 cm
	Storage temperature range	-20°C to +30°C
	Storage relative humidity range	< 80%
	Shelf life	Three years from manufacturing date
	HSCODE	6307900000
	Standard compliance	GB2626-2006

E&OE

CERTIFICATION EQUIVALENCE

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 FR84)	FFP2 (EN 149-2001)	KN95 (GB2626-2006)	P2 (AS/NZ 1716:2012)	Korea 1st 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_2 clearance requirement	N/A	≤ 1%	≤ 1%	≤ 1%	≤ 1%	≤ 1%

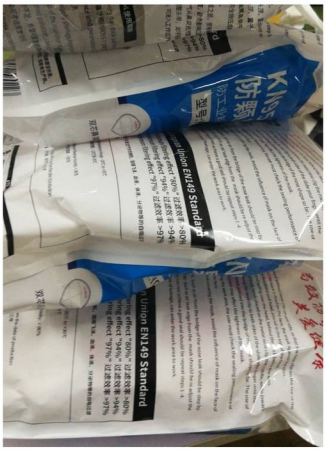
*Japan JMHLW-Notification 214 requires an Inward Leakage test rather than a TIL test.

Source: 3M Personal Safety Division, technical bullettin "Comparison of FFP2, KN95, and N95 and Other Filtering Facepiece Respirator Classes" January 2020, Revision 2 – http://multimedia.3m.com

PACKAGING

(a) = product

(b) = individual packing of (a)



(c) = 50 items of (b) bag

(d) = 20 bags of (c) – total 1000 units of (b)

USER'S MANUAL

为了您的健康，我们建议您在使用前进行简单的4步检查。

1. 口罩整体外观无破损或严重污染；
2. 头带无破损，且弹性良好；
3. 鼻夹部分无破损或折断；
4. 如有呼气阀，检查呼吸阀及阀片状况，防止破损或丢失。

正确的佩戴方法 佩戴耳带式口罩时请遵循以下步骤：

1. 鼻夹向外，双手分别拉住一边耳带，确保鼻夹向上；
2. 戴上口罩，下巴置于口罩内，双手将耳带扣于耳后；
3. 调节至舒适位置，使口罩贴合脸部；
4. 将双手的食指及中指按压调节鼻夹，直至紧贴鼻梁；
5. 进行气密性检验。

气密性检验 如以下步骤，检验佩戴的口罩与脸部密合性：

1. 将双手手指并拢，外扣于口罩上。请勿移动口罩的位置；
2. 用力吸气，然后屏住呼吸几秒，感觉到口罩有明显的向内塌陷；
3. 用力呼气，然后屏住呼吸几秒，感觉到口罩有明显的向外鼓胀；
4. 如果检测到漏气，请重新按1-3步骤重新检查直至同时满足2、3要求。
5. 只有完全通过1-3步骤检验的口罩，才能符合防护级别口罩的气密性要求。

使用范围与储存

1. 适用于成人；
2. 不可水洗；
3. 需储存于通风良好、避光、干燥的环境中，并远离火源与污染；
4. 储存温度：-20℃-38℃，储存湿度＜80%；
5. 储存期限：3年（生产日期详见外盒包装）

产品名称：颗粒物防护口罩
材质：无纺布.过滤层.耳部弹力尼龙
适用范围：电焊．粉尘打磨．煤矿．化工等

生产许可
（冀）XK02-001-00153

①弯曲鼻梁上的金属条和自己鼻子的形状相匹配，将防尘口罩罩住鼻子和嘴巴

② 将带子放在头部后放，调节松紧带到舒适位置

③ 用手指从鼻梁夹沿鼻子调整上下两根松紧带，直到确认防尘口罩的密封

产品特点

- 立体设计，加大口罩空间，立体空间消除一般口罩存在的呼吸紧迫感
- 折叠设计，避免口罩内侧暴露在外或受污染，保持口罩干净，维护个人卫生，方便收纳不占空间

唐山市禹创防护用品有限公司
厂址：唐山古冶区古冶一面街44号

For your health we recommend that you perform a simple 4-step check before use. 1. There is no damage or serious pollution on the overall appearance of the mask; 2. The strap is not damaged and has good elasticity; 3. There is no damage or break of the metal nose clip; 4. If there is an exhalation valve, check the condition of the exhalation valve and valve plate to find whether there is damage and loss or not.	 ① Bend the metal strip on the bridge of nose to match the shape of your nose, and cover your nose and mouth with dust mask.
For correct wearing method, please follow the following steps when wearing the earloop mask: 1. The metal nose clip is outward, and pull the straps with both hands to ensure that the nose clip is upward;	 ② Place the belt behind the head and

2. Put on the mask, place the chin in the mask, and buckle the strap behind the ear with both hands;
3. Adjust to a comfortable position to make the mask fit your face;
4. Use the forefinger and middle finger of both hands to press and adjust the metal nose clip until it is close to the bridge of nose;
5. Carry out air tightness inspection.

adjust the elastic strap to a comfortable position.

The air tightness test is as follows. Check the tightness between the mask and the face:

1. Put your hands and fingers together, buckle them on the mask, and do not move the position of the mask;
2. Inhale forcefully, hold your breath for a few seconds, and feel the mask collapse inward obviously;
3. Exhale forcefully, hold your breath for a few seconds, and feel the mask bulge outwards obviously;
4. If air leakage is detected, please recheck according to steps 1-3 until the requirements of step 2 and 3 are met at the same time;
5. Only the masks that have passed the inspection in steps 1-3 can meet the air tightness requirements of the protection level masks.

③ Use your fingers to adjust the upper and lower elastic straps along the nose from the bridge of the nose until you confirm the sealing of the dust mask.

Use and storage

1. Suitable for adults;
2. Do not wash with water;
3. It should be stored in a well ventilated, dark and dry environment, and away from fire and pollution;
4. Storage temperature, 20-38 ℃, storage humidity less than 80%;
5. Storage period: 3 years (see outer box packaging for production date)

Product name: Particulate protection mask

Material: non-woven fabric. Filter layer. Ear elastic nylon

Scope of application: electric welding, dust grinding, coal mine, chemical industry, etc

(Hebei China) XK02-001-00153

Features:

- Three-dimensional design increases mask space, eliminate the breath urgency of general masks;
- Folded design to prevent the inside of the mask from being exposed or contaminated, keep the mask clean, maintain personal hygiene, and facilitate storage without occupying space.

Tangshan Yuchuang Protective Equipment Co., Ltd.
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