



# HUBEI FULLCARE PROTECTIVE PRODUCTS CO.,LTD

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Fr: Emma

1. Product name: Folding shaped mask

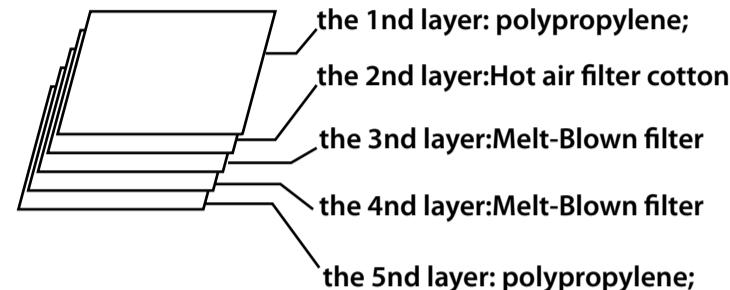
2. Product model : KN95

3. Raw material : PP non-woven fabrics, filtering paper

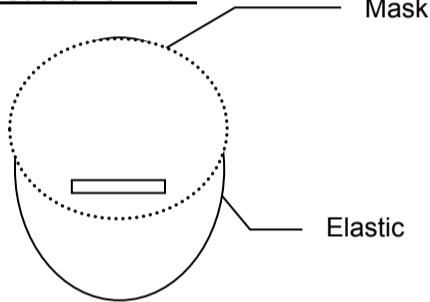
4. Process technology: Ultrasonic wave

5. Pictures of Products :

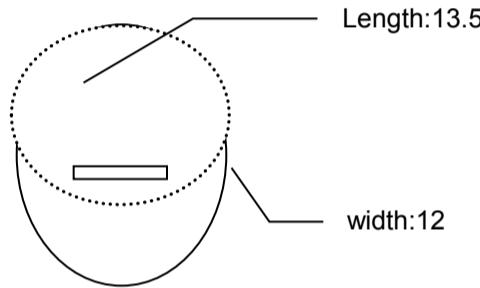
6. Product structure:



7. Product nominal:



8: Product Outline & Specification Unit: CM



9. Directions for use

1. Take out the headband from the mask first and then pull it flat.
2. Place the mask in the hands and then place metal strips nose upward, so that the headband hanging naturally
3. Let the mask's large side towards the side of the mouth, place metal strips nose upward and close to the face.
4. Place the upper headband on the back of the head, pull the lower headband over the head and place it in back of the neck, then adjusted it to a comfortable position
5. Move Hands fingertips along the metal bridge of the nose section from the middle to both sides, Pressing inward slowly until close to bridge of the nose

10. Notes for Use :

This product mainly can be used to block the dust, bacteria, etc., please follow the instructions to wear it properly, otherwise may cause respiratory discomfort or infect some endemic infectious diseases.

11. Complied with standards below:

KN95/N95

## Comparison\_FFP2\_KN95\_N95\_Filtering\_Facepiece\_Respirator\_Class

Certification/ Class (Standard)	N95 (NIOSH-42C FR84)	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 $\geq$ X% efficient)	$\geq 95\%$	$\geq 94\%$	$\geq 95\%$	$\geq 94\%$	$\geq 94\%$	$\geq 95\%$
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 (TLI)* – tested on human subjects each performing exercises	N/A	$\leq 8\%$ leakage (arithmetic mean)	$\leq 8\%$ leakage (arithmetic mean)	$\leq 8\%$ leakage (individual and arithmetic mean)	$\leq 8\%$ leakage (arithmetic mean)	Inward Leakage measured and included in User Instructions
Inhalation resistance – max pressure drop	$\leq 343$ Pa	$\leq 70$ Pa (at 30 L/min) $\leq 240$ Pa (at 95 L/min) $\leq 500$ Pa (clogging)	$\leq 350$ Pa	$\leq 70$ Pa (at 30 L/min) $\leq 240$ Pa (at 95 L/min)	$\leq 70$ Pa (at 30 L/min) $\leq 240$ Pa (at 95 L/min)	$\leq 70$ Pa (w/valve) $\leq 50$ 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	$\leq 245$ Pa	$\leq 300$ Pa	$\leq 250$ Pa	$\leq 120$ Pa	$\leq 300$ Pa	$\leq 70$ Pa (w/valve) $\leq 50$ 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 $\leq 30$ mL/min	N/A	Depressurization to 0 Pa $\geq 20$ sec	Leak rate $\leq 30$ mL/min	visual inspection after 300 L/min for 30 sec	Depressurization to 0 Pa $\geq 15$ sec
Force applied	-245 Pa	N/A	-1180Pa	-250 Pa	N/A	-1,470 Pa
CO <sub>2</sub> clearance requirement	N/A	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$	$\leq 1\%$