

Failed International Respirators

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Source: NIOSH

These respirators failed the “thumbnail-test” (Standard Test Protocol-059). The first five are on the FDA Appendix A list. The other companies on the list failed the filtration test, but these companies and their listed products are not on the FDA’s list.

| Manufacturers | Model Number | International standard | Max filtration efficiency | Min filtration efficiency |
|---|--|------------------------|---------------------------|---------------------------|
| Models on the FDA approved list | | | | |
| Dongguan Xianda Medical Equipment Co., Ltd. | KN95 Protective Mask | EN149, GB2626 | 35.00 | 24.10 |
| Guangdong Fei Fan Mstar Technology LTD | Purvigor KN95 | EN149, GB2626 | 68.83 | 61.6 |
| Guangdong ZhiZhen Biological Medicine Co., Ltd. | Haze Mask KN95 | EN149, GB2626 | 81.2 | 78.1 |
| Huizhou Huinuo Technology Co., Ltd. | HV-N 9501B (Non-Sterile Mask) Note: 9501A is on the FDA list, but not tested by NIOSH | GB2626 | 96.55 | 88.81 |
| Lanshan Shendun Technology Co., Ltd. | SD-KN95 The company has other respirators on FDA’s list | GB2626 | 99.71 | 66.8 |
| Respirators <u>NOT</u> on the FDA list | | | | |
| Anhui Baishidun Protective Equipment Co., Ltd. | Baishidun FFP2 | EN149, GB2626 | 53 | 46.1 |
| Changning Lingjiakang Protective Products Factory | KN95 Stereo Protective Mask | EN149 | 50.74 | 33.75 |

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|--|--|---------------|-------|-------|
| Guangdong Qian Jing Testing Co., LTD. | DNW Protective Mask | EN149, GB2626 | 76.5 | 69.2 |
| Guangdong Shantou Machinery | KN95 Mask | EN149, GB2626 | 49 | 34.7 |
| Guanyang Yuhan Textile Co., Ltd. | KN95 Protective Face Mask | GB2626 | 56.59 | 42.15 |
| Hangzhou Senrunqing Technology Co., Ltd. | KN95 Mask-C | EN149, GB2626 | 85.9 | 78.7 |
| Habai | 9501 | GB2626 | 97.07 | 69 |
| Huizhou Zhongna Medical Technology Co., Ltd | Anysound KN95 Self-Priming Filter & Anti-Particle Respirator | EN149, GB2626 | 83.41 | 77.3 |
| ing Yinuo Busway Co., Ltd. | PLOW KN95 | GB2626 | 91.05 | 66.4 |
| Jiangsu Jiton Clothing Corporation | JT-KN95 Reusable and Sterilizable Nano-mask KN95 | EN149 | 96.74 | 91.61 |
| Jining Jianda Medical Device Technology Co., Ltd. | PM2.5 KN95 | EN149, GB2626 | 64.8 | 59.6 |
| King Year and Packaging Co., Ltd. | Self-Breathing Filtration Particle-Preventive Respirator | EN149, GB2626 | 90.03 | 82.7 |
| Ningbo Green Health Science & Technology Co., Ltd. | KN95 Protective Mask | GB2626 | 45.8 | 33.2 |
| Ningbo YiXin Intelligentized Science and Technology Co. Ltd. | KN95 (Non-medical) | GB2626 | 59.5 | 53.2 |
| Purvigor | KN95 Antibacterial Mask | GB2626 | 74.2 | 69.8 |
| Shenzhen Hangsen Star Technology Co., Ltd. | Alchemy KN95 Face Mask A1 | EN149, GB2626 | 92.77 | 56 |

