



中国认可  
国际互认  
检测  
TESTING  
CNAS L10118



国检检测  
CHINA COMPONENTS TEST

# Test Report

(2020) WSZ FHL NO.5279

Product Name KN95 folding protective mask (non medical)

Client Chengde Technology Co., Ltd.

Manufacturer Chengde Technology Co., Ltd.

Test Type Entrusted inspection

Jiangsu Guojian Testing Technology Co., Ltd.

检验专用章



## **Points For Attention**

1. This test report shall not be valid if it is not stamped with this Company special seal or data modification for the test report.
2. Any dissidence with the test results in this report should be submitted to this Company within 15 days from the date of receiving the report.
3. As for entrusted inspection of sample supplied by client, this Company is only responsible for the test results of the sample, which are used to provide the client with a good understanding of the sample quality.
4. This test report shall not be reproduced in any way without permission. The copy of the test report shall be reproduced in full and shall be valid after confirmed by this Company for affixing the special seal of test report.
5. The remaining samples of the test must be taken back within three months or shelf life whichever is shorter from receiving this test report. Those which are overdue to be taken back will be dealt with in accordance with this Company's regulations.
6. This test report is valid for one year from the date of issue.

**Company address:** 3/F., Unit D, Xingye Building, Taihu International Tech-Park, Wuxi, Jiangsu, China

**Postal code:**214000

**Telephone number:**0510-85385997


**Fax:**0510-85387433



# Test Report

[2020] WSZ FHL NO.5279

Page 1 of 4

Product name	KN95 folding protective mask (non medical)	Specification	16cm×10.5cm (Folding type)
		Brand	zhong jian le
Client/Add/Tel	Chengde Technology Co., Ltd./No. 888 Shiji Ave, Longgang City, Zhejiang Province, China/13819793223		
Manufacturer/Add/Tel	Chengde Technology Co., Ltd./No. 888 Shiji Ave, Longgang City, Zhejiang Province, China/13819793223		
Sample grade	KN95	Sample number	GW 5279-2020
Sample quantity	80 pcs	Receiving date of sample	08/05/2020
Test type	Entrusted inspection	Article number/Batch number/Style number	2020042901
Test date	23/05/2020~26/05/2020	Testing sites	Testing room
Sample state	Meeting the requirements of testing	Sample description	White
Test standard(s)	GB 2626-2006 Respiratory protective equipment -Non-powered air-purifying particle respirator		
Test items	General requirements, appearance requirements, respiratory resistance, head harness, flammability, dead space, vision, filter efficiency, total inward leakage		
Test conclusion	<p>The sample upon testing, the test items meet the requirements of the GB 2626-2006 standard. The detail of test results see on Pages 2-4.</p> <div>Issue date: 08/06/2020</div>		
Note	<p>For the entrusted sample test, the technical responsibilities are undertaken for the test results of the supplied samples only.</p> 		

Approver: 苏晓群

Reviewer: 万悦

Chief Tester: 杨莹



# Test Report

[2020] WSZ FHL NO.5279

Page 2 of 4

S.No.	Test item	Unit	Technical requirements	Test result		Single item decision
1	General requirements	—	Materials shall have sufficient strength and shall not break or deform during the service life.	Meeting the requirements		Qualified
			The design shall be less prone to structural damage; the design, composition and installation of components shall not pose any danger to the user; headband design shall be adjustable, easy to wear and removal, able to hold the mask firmly on the face and not show significant compression or tenderness when worn; The mask shall have a small dead space and a larger field of view as much as possible; disposable mask structure shall be able to ensure close contact with the face, and shall not be deformed during the service life.			
2	Appearance requirements	—	The surface of the sample shall not be damaged, deformed and have obvious other defects; components and structures shall be able to withstand normal conditions of use and the temperature, humidity and mechanical impact possibly encountered; headband shall be adjustable, and the replaceable mask headband design shall be replaceable; after the pretreatments of temperature, humidity and mechanical strength, the parts shall not fall off, be damaged and deformed.	Meeting the requirements		Qualified
3	Respiratory resistance	Pa	Total inspiratory resistance $\leq 350$	Untreated	162.5	Qualified
					158.9	
				Pretreated	163.2	
					160.4	
			Total expiratory resistance $\leq 250$	Untreated	130.8	Qualified
					128.4	
				Pretreated	132.9	
					128.2	



# Test Report

[2020] WSZ FHL NO.5279

Page 3 of 4

S.No.	Test item	Unit	Technical requirements	Test result		Single item decision
4	Head harness	—	Not appearing slippage or breakage to withstand 10N tensile force lasting 10s .	Untreated	No slippage or breakage occurred	Qualified
				Pretreated	No slippage or breakage occurred	
5	Flammability	—	Parts exposed to the flame shall not burn after having been removed from the flame, if burned, the afterflame time shall not exceed 5s.	Untreated	The mask burned. The afterflame time is 0.1s.	Qualified
					The mask burned. The afterflame time is 0.1s.	
				Pretreated	The mask burned. The afterflame time is 0.1s.	
					The mask burned. The afterflame time is 0.1s.	
6	Dead space	—	$\leq 1\%$	0.59%		Qualified
7	Vision	—	Vision below $\geq 60^\circ$	83.0°		Qualified
8	Filter efficiency	—	$\geq 95.0\%$	Untreated	99.2%	Qualified
					99.1%	
					99.3%	
					99.4%	
					99.2%	
					99.3%	
					99.4%	
					99.1%	
				Pretreated	99.3%	
					99.2%	
					99.2%	
					99.3%	
					99.3%	



# Test Report

[2020] WSZ FHL NO.5279

Page 4 of 4

No.	Test item	Unit	Technical requirements	Test result							Single item decision	
9	Total inward leakage	—	TIL <11% for at least 46 exercises in 50 exercises, and TIL <8%for at least 8 of 10 subjects.	Subjects		E1 (%)	E2 (%)	E3 (%)	E4 (%)	E5 (%)	TIL (%)	Qualified
				Untreated	1#	6.4	7.0	7.0	7.1	6.4	6.8	
					2#	6.9	8.0	7.9	7.8	7.4	7.6	
					3#	7.1	7.6	7.6	7.7	7.2	7.4	
					4#	6.3	7.0	7.0	6.8	6.3	6.7	
					5#	6.3	7.2	7.1	7.4	6.7	6.9	
				Pretreated	6#	6.0	6.6	6.7	6.5	6.0	6.4	
					7#	6.4	7.1	7.5	7.2	6.7	7.0	
					8#	6.2	7.0	7.0	7.0	6.3	6.7	
					9#	6.2	6.7	6.8	6.9	6.3	6.6	
					10#	7.0	7.8	7.6	7.7	7.1	7.4	
note												

The end

