



Manufacturer for FFP2 NR,KN95, Isolation Gown & Surgical Suits

GUANGZHOU KING YON MEDICAL TECH CO., LTD

Co.Registration No & VAT No.:914401110701730113


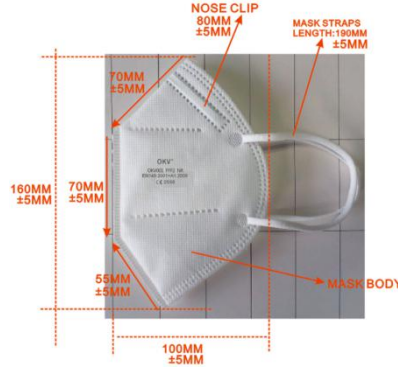

Blv San Yuan Li, Bai Yuan District, Guang dong,guang zhou Post Code:510403

Attn:Sam Deng(Mr) Mobile: +86-15089203268

www.King-Yon.com Mail Address: sales@King-Yon.com

Our face mask manufacture sector has 38 sets automatic mask producing machine: 2 sets High-Speed FFP2/KN95 face mask machine, 20sets surgical face mask machine, which enable us to supply with the FFP2 NR 1,000,000 pieces per day. We use the qualified non-woven fabric which is compliant to CE & FDA. All the products are tested strictly during the producing. Products qualified to the the standard: EN149:2001+A1:2009 and CE0598

FFP2 NR Particle Filtering Half Mask with CE

Model Number		OKV001 (5 layers Protection)	Product Info
CE Notified Body		0598 (Based on EN 149:2001+A1:2001)	
Regulation		(EU) 2016/425 Module B, EU type-examination Module C	  
Testing Report		By SGS	
Main Material		Non-woven Fabric, Melt-blown Fabric, Melt-Cloth Fabric	
Filter Principle		Electrostatic Adsorption	
Filter Efficiency		≥96.3	
Protection Effect		Disposable	
Breathing Resistance		160L/min: Uncertainty:4.3%	
Size		Adults Size	
Quantity in a Box		5pcs/Pack, 6 Packs in a box, 30pcs/Box	
Carton Dimension		L55xW36xH40cm, 36boxes in a case	
Lead Time		10,000pcs>:1days 100,000pcs>2days 100,000pcs< To be Negotiated	
M.O.Q		10000 Pcs	
Container Loading		HQ40":756 cases, 816480pcs	
Quantity		40"GP: 630 Cases, 680400pcs 20": 300 cases, 324000pcs	
Payment		T/T, Western Union,	

SGS

Certificate FI20/966225

**Zhongshan Jiashengfeng
Clothing Co., Ltd**

No 6, Longxing South Road,
Shaxi Town, Zhongshan City,
Guangdong Province
528471 P.R.China

It is certified that the manufacturer's technical file and the PPE product detailed on
page 2 have been assessed and found to be in accordance with

Regulation (EU) 2016/425
Module B, EU type-examination

This certificate is valid from 27 July 2020 until 27 July 2025
1. Certified since 27 July 2020

Authorised by



SGS FIMKO OY, Notified Body 0598
Takomatie 8, FI-00380, Helsinki, Finland
t +358 9 696 361 f +358 9 692 5474 www.sgs.com


FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

Page 1 of 2

 **SGS**     

This document is issued by the Company subject to its General Conditions of
Certification Services accessible at www.sgs.com/terms_and_conditions.htm.
Attention is drawn to the limitations of liability, indemnification and jurisdictional
issues established therein. The authenticity of this document may be verified at
<http://www.sgs.com/en/certified-clients-and-products/certified-client-directory>.
Any unauthorized alteration, forgery or falsification of the content or appearance
of this document is unlawful and offenders may be prosecuted to the fullest
extent of the law.



Certificate FI20/966225, continued

**Zhongshan Jiashengfeng
Clothing Co., Ltd**

Regulation (EU) 2016/425
Module B, EU type-examination

Issue 1

PPE Product

OKV® OKV001 white folded half mask, consisting of a white five layer
(polypropylene/ polypropylene & electret master batch/ polypropylene &
electret master batch / polypropylene / polypropylene) disposable particle
filtering half mask, with polyethylene/

Polypropylene/cored wire nose clip and chinlon/spandex ear band.

It is certified that the manufacturer's technical file and the above mentioned
PPE have been assessed and found to meet the applicable Essential Health
and Safety Requirements in Annex II of Regulation (EU) 2016/425 Personal
Protective Equipment

The following have been applied:

EN 149:2001+A1:2009 (Respiratory protective devices - filtering half masks
to protect against particles) device classification: FFP2 NR.

This certificate is issued on the strict condition that appropriate checks on
manufactured PPE, as detailed in Article 19 (c) of the Regulation are
implemented and maintained while the model is in production

Certification is based on technical file reference:

OKV001, dated: 2020/6/28

SGS Reference Number UK/CRS 241351

This certificate remains the property of SGS Fimko Oy to whom it must be returned on request



SGS

Certificate CN20/42167

The management system of

**ZHONGSHAN JIASHENG FENG
CLOTHING CO., LTD.**

FLOOR1, BUILDING A, NO. 6, LONGXING SOUTH ROAD, SHAXI
TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, P.R. China

has been assessed and certified as meeting the requirements of

Regulation (EU) 2016/425
Module C2

For the following activities

Manufacture of OKV® OKV001 white folded Particle Filtering Half Mask.

Note: All products marked CE0598 must have a valid EU type-examination certificate issued under Module B or a valid EC type-examination certificate issued under Article 10 of Directive 89/686/EEC.

This certificate is valid from 3 August 2020
and remains valid subject to satisfactory surveillance audits.
Issue 1. Certified since 3 August 2020

Authorised by



SGS FIMKO OY, Notified Body 0598
Takomatie 8, FI-00380 Helsinki, Finland
t +358 9 696 361 f +358 9 692 5474 www.sgs.com

Page 1 of 1





This document is issued by the Company subject to its General Conditions of Certification Services accessible at www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues established therein. The authenticity of this document may be verified at <http://www.sgs.com/en/certified-clients-and-products/certified-client-directory>. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Manufacturer for FFP2 NR,KN95, Isolation Gown & Surgical Suits

FDA Registration No.: 3017125461 Operator No.: 10068511

U.S. FOOD & DRUG
ADMINISTRATION

SEARCH

HomeFoodDrugsMedical DevicesRadiation-Emitting ProductsVaccines, Blood & BiologicsAnimal & VeterinaryCosmeticsTobacco Products

Establishment Registration & Device Listing

FDA HomeMedical DevicesDatabases

1 result found for Establishment Registration or
FEI Number : 3017125461

New Search

Establishment Name	Registration Number	Current Registration Yr
ZHONGSHAN JIASHENG FENG CLOTHING CO., LTD CHINA	3017125461	2020
N95 Respirator With Antimicrobial/Antiviral Agent For Use By The General Public In Public Health Medical Emergencies - Protective Mask (Kn95) KN95		Foreign Exporter; Manufacturer

Can't find what you're looking for? [Try a new search](#)

Page Last Updated: 08/03/2020
Note: If you need help accessing information in different file formats, see Instructions for Downloading Viewers and Players.
Language Assistance Available: Español | 繁體中文 | Tiếng Việt | 한국어 | Tagalog | Русский | العربية | Kreyòl Ayisyen | Français | Polski | Português | Italiano | Deutsch | 日本語 | فارسی | English

AccessibilityContact FDACareersFDA BasicsFOIANo FEAR ActNondiscriminationWebsite Policies

New Search

Back To Search Results

Establishment:
ZHONGSHAN JIASHENG FENG CLOTHING CO., LTD
Business Trade Name:
OKV ®

1 / F, Building A, No. 6, Longxing South Road, Shaxi Town
Zhongshan Guangdong, CN 528471
Registration Number: 3017125461
FEI Number*: 3017125461
Status: Active
Date Of Registration Status: 2020

Owner/Operator:
[Zhongshan Jiashengfeng Clothing Co., Ltd](#)
1 / F, Building A, No. 6, Longxing South
Zhongshan, Guangdong CN 528471
Owner/Operator Number: [10068511](#)

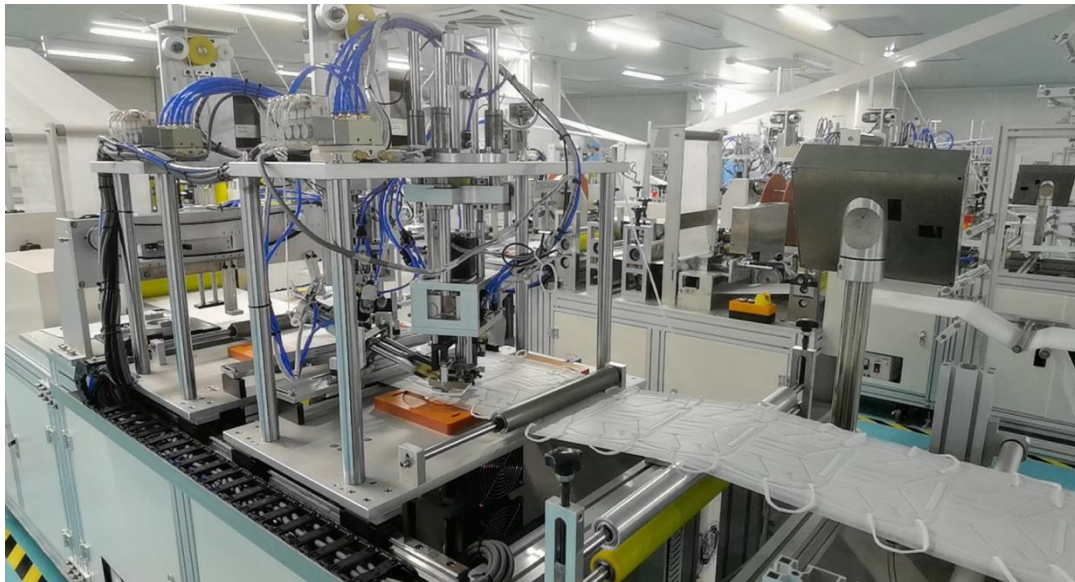
Official Correspondent:
Hailin Lai
1 / F, Building A, No. 6, Longxing South
Zhongshan, Guangdong CN 528471
Phone: 86-137-6338878-6

US Agent:
Angla Li
4402 Gertrude Dr
Fremont , CA US 94536
Phone: 805 9406266 Ext
Email: Xv393fbhh@Sina.Cn

Product Details



Mask Manufacture Machine





中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report **SL52025259037201TX** **Date: June 15, 2020** **Page 1 of 10**
ZHONGSHAN JIASHENG FENG CLOTHING CO., LTD
FLOOR 1, BUILDING A, NO.6, LONGXING SOUTH ROAD, SHAXI TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A) Particle filtering half mask

Style No. : OKV001

Sample Color : (A) White

Manufacturer : ZHONGSHAN JIASHENG FENG CLOTHING CO., LTD

Country of Destination : European Union

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : May 29, 2020

Testing Period : May 29, 2020 - Jun 15, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Conclusion:

Sample No.	Recommendation Level
(A)	FFP2 NR

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Sara Guo

Sara Guo (Account Executive)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of test reports, certificates, please contact us at telephone: 86-755-83107144/1.



Test Report

SL52025259037201TX

Date: June 15, 2020

Page 2 of 10

Test Result

Personal Protective Equipment - Respiratory Protective Devices- Filtering Half Masks to Protect against Particles- Requirements, Testing, Marking
EN 149:2001+A1:2009

Clause 7.4 Packaging

(EN 149:2001+A1:2009 Clause 8.2)

Test Requirement	Results	Comment
Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.	Comply	Pass

Clause 7.5 Material

(EN 149:2001+A1:2009, Clause 8.2 & 8.3.1 & 8.3.2)

Test Requirement	Results	Comment
Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used.	Comply	Pass
After undergoing the conditioning described in 8.3.1 none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.	Comply	
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering half mask shall not collapse.	Comply	
Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	Comply	

Clause 7.6 Cleaning and Disinfecting

(EN 149:2001+A1:2009, Clause 8.4 & 8.5 & 8.11)

Test Requirement	Results	Comment
If the particle filtering half mask is designed to be re-usable, the materials used shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer. With reference to 7.9.2, after cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.	Not applicable (Not designed to be re-usable)	N.A.

Clause 7.7 Practical Performance

(EN 149:2001+A1:2009, Clause 8.4)

Test Requirement	Results	Comment
The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard.	No imperfections	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the



Test Report SL52025259037201TX

Date: June 15, 2020

Page 3 of 10

Clause 7.8 Finish of Parts

(EN 149:2001+A1:2009, Clause 8.2)

Test Requirement	Results	Comment
Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.	Comply	Pass

Clause 7.9.1 Total Inward Leakage

(EN 149:2001+A1:2009, Clause 8.5)

Test Requirement	Results	Comment
<p>The total inward leakage consists of three components: face seal leakage, exhalation value leakage(if exhalation value fitted) and filter penetration. For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e. 10 subjects x 5 exercises) for total inward leakage shall be not greater than: 25% for FFP1, 11% for FFP2, 5% for FFP3</p> <p>and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than: 22% for FFP1, 8% for FFP2, 2% for FFP3</p>	Detail refer to Appendix 1	Meet FFP1, Meet FFP2

Appendix 1: Summarization of Test Data

Inward Leakage Test Data

Subject	Sample No.	Condition	Walk(%)	Head Side/side(%)	Head up/down(%)	Talk(%)	Walk(%)	Mean(%)
Zhou	1	A.R.	5.30	4.99	6.32	5.06	4.47	5.23
Luo	2	A.R.	6.27	5.59	6.71	5.37	6.70	6.13
Lu	3	A.R.	4.45	5.28	5.94	6.58	5.01	5.45
Wang	4	A.R.	5.04	3.96	4.29	4.31	3.84	4.29
Bao	5	A.R.	4.72	6.95	6.76	6.24	6.80	6.29
Ding	6	T.C.	3.75	4.48	4.64	4.53	5.08	4.50
Li	7	T.C.	6.48	6.26	7.59	4.97	6.43	6.35
Chen	8	T.C.	4.09	4.71	5.03	4.29	3.01	4.23
Song	9	T.C.	6.37	6.21	5.61	5.62	3.94	5.55
Ye	10	T.C.	6.50	6.21	7.09	6.44	7.34	6.72

Facial Dimension(mm)

Subject	Face length	Face Width	Face Depth	Mouth Width
Chen	125	150	120	58
Lu	115	132	107	48
Zhou	115	135	106	52
Li	125	130	107	46
Luo	125	136	100	43
Zheng	128	140	112	55
Wang	120	147	103	48
Song	120	140	100	50
Bao	130	134	104	50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the



Test Report SL52025259037201TX Date: June 15, 2020 Page 4 of 10

Ding	134	150	110	52
Liu	120	135	117	50
Ye	126	137	105	52

Clause 7.9.2 Penetration of Filter Material

(EN 149:2001+A1:2009, Clause 8.11 & EN 13274-7:2019)

Test Requirement			Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.			Detail refer to Appendix 2	Meet FFP1, Meet FFP2
Classification	Maximum penetration of test aerosol			
	Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.		
FFP1	20	20		
FFP2	6	6		
FFP3	1	1		

Appendix 2: Summarization of Test Data

Penetration of filter material

Aerosol	Condition	Sample No.	Penetration (%)
Sodium chloride test	As received	1	0.053
		2	0.060
		3	0.089
	Simulated wearing treatment	4	0.075
		5	0.055
		6	0.083
	Mechanical strength +Temperature conditioned	7	0.375
		8	0.398
		9	0.339
Paraffin oil test	As received	10	0.076
		11	0.094
		12	0.075
	Simulated wearing treatment	13	0.086
		14	0.094
		15	0.086
	Mechanical strength +Temperature conditioned	16	1.683
		17	1.749
		18	1.724

Flow conditioning : Single filter: 95.0 L/min



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report SL52025259037201TX Date: June 15, 2020 Page 5 of 10

Clause 7.10 Compatibility with Skin
(EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Test Requirement	Results	Comment
Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	No irritation or any other adverse effect to health	Pass

Clause 7.11 Flammability

(EN 149:2001+A1:2009, Clause 8.6)

Test Requirement	Results	Comment
The material used shall not present a danger for the wearer and shall not be of highly flammable nature When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame.	Detail refer to Appendix 3	Pass

Appendix 3: Summarization of Test Data

Flammability

Condition	Sample No.	Result
As received	1	NIL
	2	NIL
Temperature conditioned	3	NIL
	4	NIL

Clause 7.12 Carbon Dioxide Content of The Inhalation Air

(EN 149:2001+A1:2009, Clause 8.7)

Test Requirement	Results	Comment
The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1.0 % (by volume)	Detail refer to Appendix 4	Pass

Appendix 4: Summarization of Test Data

Carbon Dioxide Content of The Inhalation Air

Condition	Sample No.	Result(%)
As received	1	0.5862
	2	0.5854
	3	0.5851
		Mean value: 0.59



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the samples tested and such samples are retained for 90 days only.



Test Report

SL52025259037201TX

Date: June 15, 2020

Page 6 of 10

Clause 7.13 Head Harness

(EN 149:2001+A1:2009, Clause 8.4 & 8.5)

Test Requirement	Results	Comment
The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.	Comply	Pass
The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.	Comply	

Clause 7.14 Field of Vision

(EN 149:2001+A1:2009, Clause 8.4)

Test Requirement	Results	Comment
The field of vision is acceptable if determined so in practical performance tests.	Comply	Pass

Clause 7.15 Exhalation Valve(s)

(EN 149:2001+A1:2009, Clause 8.2 & 8.9.1 & 8.3.4 & 8.8)

Test Requirement	Results	Comment
(a) A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.	Not applicable due to No exhalation valve	N.A.
(b) If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be shrouded or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.	Not applicable due to No exhalation valve	
(c) Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30 s.	Not applicable due to No exhalation valve	
(d) When the exhalation valve housing is attached to the faceblank, it shall withstand axially a tensile force of 10N applied for 10 s.	Not applicable due to No exhalation valve	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report

SL52025259037201TX

Date: June 15, 2020

Page 7 of 10

Clause 7.16 Breathing Resistance
(EN 149:2001+A1:2009, Clause 8.9)

Test Requirement				Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.				Detail refer to Appendix 5	Meet FFP1, Meet FFP2, Meet FFP3
Classification	Maximum permitted resistance (mbar)				
	Inhalation		Exhalation		
	30 l/min	95 l/min	160 l/min		
FFP1	0.6	2.1	3.0		
FFP2	0.7	2.4	3.0		
FFP3	1.0	3.0	3.0		

Appendix 5: Summarization of Test Data

Breathing resistance (mbar)

As received	Flow rate(l/min)		1					2					3				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.4	0.5	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5
Simulated wearing treatment	Inhalation	95	1.5	1.7	1.6	1.6	1.7	1.5	1.5	1.7	1.7	1.6	1.6	1.5	1.7	1.6	1.7
		160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	Exhalation	160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Temperature conditioned	Flow rate(l/min)		4					5					6				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.5	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.4
Temperature conditioned	Inhalation	95	1.7	1.6	1.7	1.7	1.6	1.5	1.7	1.7	1.5	1.6	1.6	1.7	1.7	1.6	1.6
		160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	Exhalation	160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Temperature conditioned	Flow rate(l/min)		7					8					9				
			A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
	Inhalation	30	0.3	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3
Temperature conditioned	Inhalation	95	1.5	1.7	1.6	1.7	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.6	1.7	1.6	1.7
		160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	Exhalation	160	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8

A: facing directly ahead; B: facing vertically upwards; C: facing vertically downwards; D: lying on the left side; E: lying on the right side



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Report

SL52025259037201TX

Date: June 15, 2020

Page 8 of 10

Clause 7.17 Clogging

(EN 149:2001+A1:2009, Clause 8.9 & 8.10)

Test Requirement	Results	Comment																		
<p><u>Clause 7.17.2 Breathing resistance</u></p> <p><u>Valved particle filtering half masks:</u></p> <p>After clogging the inhalation resistances shall not exceed: FFP1: 4 mbar, FFP2: 5 mbar, FFP3: 7 mbar at 95L/min continuous flow</p> <p>The exhalation resistance shall not exceed 3 mbar at 160 L/min continuous flow.</p> <p><u>Valveless particle filtering half masks:</u></p> <p>After clogging the inhalation and exhalation resistances shall not exceed: FFP1: 3 mbar, FFP2: 4 mbar, FFP3: 5 mbar at 95L/min continuous flow</p>	Optional for single shift device only	N.A.																		
<p><u>Clause 7.17.3 Penetration of filter material</u></p> <p>All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements.</p>																				
<table><tr><th rowspan="4">Classification n</th><th colspan="2">Maximum penetration of test aerosol</th></tr><tr><th>Sodium chloride test 95 l/min</th><th>Paraffin oil test 95 l/min</th></tr><tr><th>%</th><th>%</th></tr><tr><th>max.</th><th>max.</th></tr><tr><td>FFP1</td><td>20</td><td>20</td></tr><tr><td>FFP2</td><td>6</td><td>6</td></tr><tr><td>FFP3</td><td>1</td><td>1</td></tr></table>	Classification n	Maximum penetration of test aerosol		Sodium chloride test 95 l/min	Paraffin oil test 95 l/min	%	%	max.	max.	FFP1	20	20	FFP2	6	6	FFP3	1	1	Optional for single shift device only	N.A.
Classification n		Maximum penetration of test aerosol																		
		Sodium chloride test 95 l/min	Paraffin oil test 95 l/min																	
		%	%																	
	max.	max.																		
FFP1	20	20																		
FFP2	6	6																		
FFP3	1	1																		

Clause 7.18 Demountable Parts

(EN 149:2001+A1:2009, Clause 8.2)

Test Requirement	Results	Comment
All demountable parts (if fitted) shall be readily connected and secured, where possible by hand	No demountable parts	N.A.

Test	Uncertainty
Total inward leakage	3.4%
Penetration of filter material	4.8%
Carbon dioxide content of the inhalation air	3.9%
Breathing resistance (30L/min)	5.9%
Breathing resistance (95L/min)	4.9%
Breathing resistance (160L/min)	4.3%



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of test report information report & certificate, please contact us at sgs-test@sgs.com or 002-7551 5157 4221.



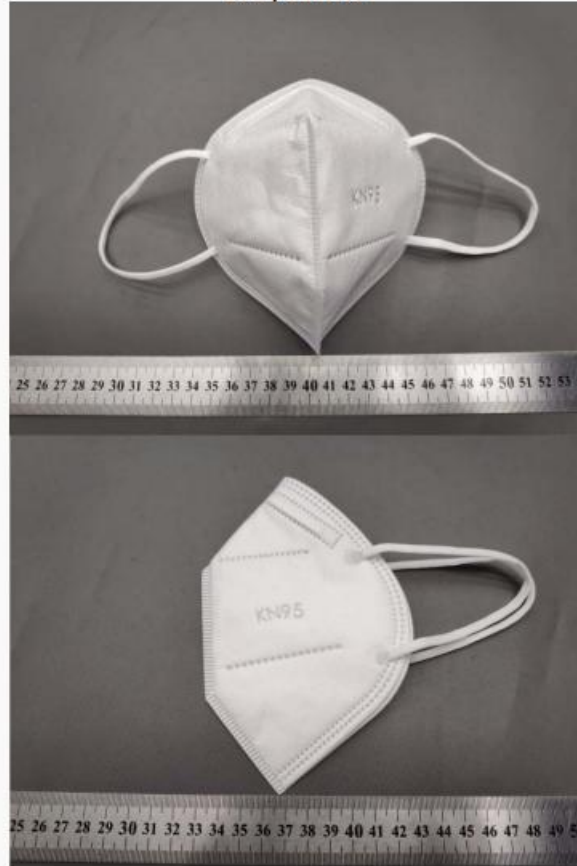
Test Report

SL52025259037201TX

Date: June 15, 2020

Page 9 of 10

Sample Photo



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the



End of Report



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the