

PARTICLE FILTERING HALF MASK

KF-AF10(SC)



EN 149:2001+A1:2009 FFP2 NR



KINGFA services worldwide











QUALITY CONTROL SYSTEM CERTIFICATION



China National Accreditation Service for Conformity Assessment
LABORATORY ACCREDITATION CERTIFICATE
(Registration No. CNAS L2647)

Analytical Center of Kingfa Science & Technology Co., Ltd.



Certificate

The Certification Body of TÜV Rheinland LGA Products GmbH

hereby certifies that the organization

GuangDong Kingfa Science and

o., Ltd. lingcheng Dist. lity gdong

a jement system for medical devices scope:

acture and Distribution of Masks (non-sterile)

requirements specified in

35:2016

is subject to yearly surveillance

001

Certification Body



ystraße 2 - 90431 Nürnberg

hnology Co., Ltd.)

ndustrial Development Zone,

g, China

iO/IEC 17025: 2017 General f Testing and Calibration iteria for the Competence of the competence to undertake thed to this certificate.

ed in the attached schedule bove. The schedule forms an



AS) is authorized by Certification and Accreditation the national accreditation schemes for conformity itation Cooperation Mutual Recognition Arrangement ecognition Arrangement (AP AC MRA). w.cnas.org.cn/english/findanaccreditedbody/index.shtml.

> ISO 17025 Certification

ISO 13485 Certification

Certificate Registr. No. 01 100 1430282

Certificate Holder: GuangDong Kingfa Science and Technology Co., Ltd. Unified Social Credit Code: 91441802077867032A Registration Address: No. 28, Delong Road, Clingcheng Dist. Shijiao Town, Cingyuan City, 511545 Guangdong, P. R. China Operation Address: same as above

Scope: Design and Manufacturing of Modified Plastics; Design and Manufacturing of Masks and Non-Powered Air-Purifying Particle Respirator

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity: The certificate is valid from 2020-07-19 until 2023-07-18. It remains valid subject to satisfactory surveillance audits. First certification 2014

This certificate information can be searched on CNCA official website http://www.cnca.gov.cn

2020-06-08

TÜV Rheinland Cert GmbH Am Grauen Stein - 51105 Köln

ISO 9001 Certification

Precisely Right.



Intended Use

EN

This product, which is normally used in the general working environment, is designed to provide reliable respiratory protection and against certain airborne particles and dust, block body fluids and so on. Please read these instructions thoroughly before use.

Bestimmungsgemäße Verwendung

DE

Dieses Produkt, das normalerweise in der allgemeinen Arbeitsumgebung verwendet wird, soll einen zuverlässigen Atemschutz bieten und vor bestimmten luftgetragenen Partikeln und Staub schützen, Körperflüssigkeiten blockieren und so weiter.

Käyttötarkoitus

FIN

Tuotetta käytetään yleensä tavallisessa työympäristössä ja se on suunniteltu antamaan luotettava hengityssuojaus tiettyjä ilmassa olevia hiukkasia ja pölyä vastaan, estämään kehon nesteitä ja niin edelleen.Lue nämä ohjeet huolellisesti ennen käyttöä.

Avsedd användning

SE

Denna produkt, som normalt används i den allmänna arbetsmiljön, är utformad för att ge tillförlitligt andningsskydd och mot vissa luftburna partiklar och damm, blockera kroppsvätskor och så vidare. Läs dessa instruktioner noggrant innan användning.

Shelf life 2 years Haltbarkeit 2 Jahre Kestoaika 2 vuotta Hållbarhet 2 år



KF-A F10(SC)





PFE @0.1 microns (%) ≥94





BR Inhalation



BR Exhalation 160l/min(mbar)

FEATURE

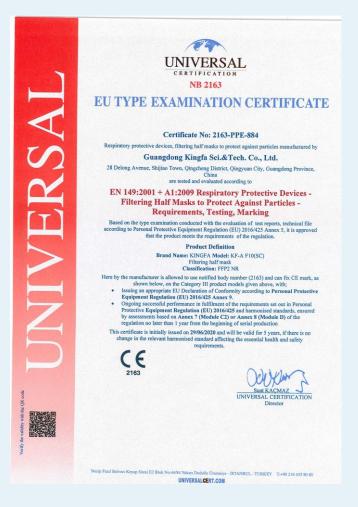








CE Certification



SGS Certification





TEST REPORTS





EU DECLARATION OF CONFORMITY

KINGFA



Signed for and on behalf of:GUANGDONG KINGFA SCI.&TECH. CO., LTD.

PACKING INFORMATION



Paper Box

- Size:140*40*121mm - Gross weight:99.8±5g









Carton

- 200 boxes/carton
- Size:630*575*420mm
- Gross weight:20940±800g











STAY PROTECTED!

Our mask goes through rigorous testing and strictly meets EN 149:2001+A1:2009 guidelines. We follow the highest quality standards to make sure you get the protection you need.

KINGFA represents 200 mask production lines, with a capacity of 10 million pcs. per day.

Contact your KINGFA representative for more information **GUANGDONG KINGFA SCI. & TECH. CO., LTD.**

- NO.28, Delong Avenue, Shijiao Town, Qingcheng District,Qingyuan City, Guangdong Province, China
- **)** +86 (020) 6681 8888
- http://www.kingfa.com.cn



EU DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Manufacturer and	GUANGDONG KINGFA SCI.&TECH. CO., LTD.
address	NO.28 Delong Avenue, Shijiao Town, Qingcheng District, Qingyuan City, Guangdong Province, China
Product name	Particle Filtering half mask
Model/ Serial No.	KF-A F10(SC) FFP2 NR
Applicable Regulation:	PPE Regulation 2016/425
Notified body for EU	UNIVERSAL- NB 2163
type-examination (Module B)	Necip Fazıl Bulvarı Keyap Sitesi E2 Blok No:44/84 Yukarı Dudullu Ümraniye /
	istanbul / Türkiye
Certificate number (Module B)	2163-PPE-884
Notified body for EU	SGS FIMKO OY - NB 0598
type-examination (Module D)	Takomotie 8, FI-00380 Helsinki, Finland
Certificate number(Module D)	Certificate CN20/42082

We declared that given information on the above statement and attached documents/records are true and correct to the best of our knowledge.

Signed for and on behalf of:GUANGDONG KINGFA SCI.&TECH. CO., LTD.

(date of signature):2020-6-30

(title of signatory):General Manager

(signature):



Certificate CN20/42082

The management system of

Guangdong KINGFA SCI. &TECH. Co., Ltd.

No.28, Delong Avenue, Shijiao Town, Qingcheng District, Qingyuan City, Guangdong Province, 511545, P.R. China

has been assessed and certified as meeting the requirements of

Regulation (EU) 2016/425

Module D

For the following activities

Manufacture of FFP1/FFP2 Protective Respirator (Note: all products marked CE0598 must have a valid EU Type Examination Certificates issued under Module B or a valid EC type examination certificate issued under Article 10 of the PPE Directive 89/686/EEC.)

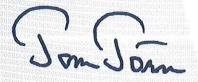
This certificate is valid from 10 June 2020 until 9 June 2023 and remains valid subject to satisfactory surveillance audits.

Re certification audit due before 26 May 2023

Issue 1. Certified since 10 June 2020

Authorised by





SGS FIMKO OY, Notified Body 0598

Takomotie 8, FI-00380 Helsinki, Finland t +358 9 696 361 f +358 9 692 5474 www.sgs.com

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NB 2163

EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163-PPE-884

Respiratory protective devices, filtering half masks to protect against particles manufactured by

Guangdong Kingfa Sci.&Tech. Co., Ltd.

28 Delong Avenue, Shijiao Town, Qingcheng District, Qingyuan City, Guangdong Province,

are tested and evaluated according to

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

Based on the type examination conducted with the evaluation of test reports, technical file according to Personal Protective Equipment Regulation (EU) 2016/425 Annex 5, it is approved that the product meets the requirements of the regulation.

Product Definition

Brand Name: KINGFA Model: KF-A F10(SC)

Filtering half mask Classification: FFP2 NR

Here by the manufacturer is allowed to use notified body number (2163) and can fix CE mark, as shown below, on the Category III product models given above, with;

- Issuing an appropriate EU Declaration of Conformity according to Personal Protective Equipment Regulation (EU) 2016/425 Annex 9.
- Ongoing successful performance in fulfilment of the requirements set out in Personal Protective Equipment Regulation (EU) 2016/425 and harmonised standards, ensured by assessments based on Annex 7 (Module C2) or Annex 8 (Module D) of the regulation no later than 1 year from the beginning of serial production

This certificate is initially issued on 29/06/2020 and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.

Director









(2020) WSZ FHL NO.W0708

Product Name _	Particle Filtering half mask
Client _	Guangdong KINGFA SCI.&TECH.Co.,Ltd.
Manufacturer _	
Test Type _	Entrusted inspection

Jiangsu Guojian Testing Technology Co., Ltd. 检验专用章



[2020] WSZ FHL NO.W0708

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[2020] 1102 1	112 110.110700					
Product name	Particle Filtering half mask	Specification	KF-A F10(SC)			
		Brand				
Client/Add/Tel	Guangdong KINGFA SCI.&TECH. District, Qingyuan City, Guangdong P	,	ne, Shijiao Town, Qingcheng			
Manufacturer/ Add/Tel	_/_/_					
Sample grade	FFP2	Sample number	GWW0708-2020			
Sample quantity	110 pcs	21/05/2020				
Test type	Entrusted inspection	Entrusted inspection Entrusted inspection Sample Article number/Batch number/Style number				
Test date	23/05/2020~29/05/2020	Testing sites	Testing room			
Sample state	Meeting the requirements of testing	Sample description	_			
Test standard(s)	EN 149:2001+A1:2009 Respiratory particles- Requirements, testing, marking		half masks to protect agains			
Test items	Visual inspection, practical performant carbon dioxide content of the inhalation filter material, breathing resistance, to	on air, material, head harnes				
Test conclusion	The sample upon testing, the test ite standard. The detail of test results see		為国健检测技术有强			
Note	For the entrusted sample test, the tech undertaken for the test results of the	•				

Approver:

Reviewer: 7/2

Chief Tester:

[2020] WSZ FHL NO.W0708

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S.No.	Test	item	Unit	Technical requirements		Test result	Single item decision	
	Visual	Packaging		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.	Packaging withstands mechan damage and contamination.		01151	
1	inspection	Material		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.	Materials		Qualified	
		Head harness comfort		Head harness should be comfort.	comforta	1 has the feeling of ble wearing 2 has the feeling of ble wearing		
2	Practical performance	Security of fastenings	-	Fastenings are safe and reliable		: All fastenings are firm.	Qualified	
		Field of vision	_	Field of vision is acceptable	field	: Having a wider visual		
3	3 Finish of parts		_	Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs.		he device have no ges and burrs	Qualified	
4	Compatibility with skin		_	Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation		5 pcs all don't cause irritation 5 pcs all don't cause	Qualified	
	5 Flammability			or any other adverse effect to health. When tested,the particle filtering half mask shall not burn or not to	T.C.	irritation The Sample is burning. Burning time:0.1s The Sample is burning. Burning time:0.1s		
5			_	continue to burn for more than 5s after removal from the flame.	T.C.	The Sample is burning. Burning time:0.1s The Sample is burning. Burning time:0.1s	Qualified	

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S.No.	Test i	tem	Unit	Technical requirements	Test result		Single item decision		
6	Carbon diox of the inha	11 11 11 11	<u></u>	≤1.0% (by volume)	Samp Samp Samp	le 2 le 3	0.5960 0.6040 0.6022 0.600	0% 5%	Qualified
7	Material			After undergoing S.W., none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps.	Sample 1: neither facepiece nor straps have mechanical failure Sample 2: neither facepiece nor straps have mechanical failure Sample 3: neither facepiece nor straps have mechanical failure				
			After undergoing S.W. and T.C., none of the particle filtering half masks shall not		Sample 1: no collapse Sample 2: no collapse Sample 3: no collapse				
0	Head harness Field of vision			collapse. The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.	A.R.	All of 5	5 pieces half mas	particle	Qualified
8				The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position	All of 5 pieces particle filtering half mask meet the requirements		Quanneu		
9				The field of vision is acceptable if determined so in practical performance tests.	The two samples both have a wider visual field		Qualified		
		Sodium			A.R.	0.1%	0.1%	0.1%	
	Penetration	chloride		≤6%	S.W.	0.1%	0.1%	0.1%	Qualified
10	of filter material				A.R.	0.2%	0.2%	0.3%	
		Paraffin oil	_	≤6%	S.W.	0.2%	0.3%	0.2%	Qualified
					M.S+T.C.	0.4%	0.5%	0.4%	

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	[Test result						
S.No.	Test	item	Unit	Technical requirements	Exercises	Facing directly ahead	Facing vertically upwards	Facing vertically downwards	Lying on the left side	Lying on the right side	Single item decision
/			M.P.			0.2	0.2	0.3	0.2	0.3	
					A.R.	0.2	0.3	0.2	0.3	0.2	
						0.3	0.2	0.3	0.2	0.3	
						0.3	0.2	0.3	0.2	0.3	
		Inhalation		≤0.7	S.W.	0.3	0.3	0.2	0.3	0.2	Qualified
		30 L/min				0.2	0.3	0.3	0.3	0.3	
			1/			0.3	0.3	0.2	0.3	0.3	
					T.C.	0.2	0.3	0.3	0.2	0.3	
						0.3	0.2	0.3	0.3	0.2	
						1.2	1.3	1.3	1.3	1.2	
					A.R.	1.3	1.2	1.3	1.2	1.3	
						1.3	1.3	1.2	1.3	1.3	
						1.3	1.2	1.2	1.3	1.3	
11	Breathing	Inhalation	mbar	≤2.4	S.W.	1.2	1.3	1.3	1.2	1.3	Qualified
	resistance	95 L/min				1.3	1.3	1.3	1.3	1.2	
						1.3	1.2	1.3	1.2	1.3	
			1		T.C.	1.3	1.3	1.2	1.3	1.3	
						1.2	1.3	1.3	1.3	1.2	
						1.8	1.9	1.9	2.0	1.9	
		7			A.R.	1.8	1.8	2.0	1.9	1.8	
						1.9	1.9	1.9	1.9	1.9	7 /
		/ /				1.9	1.9	1.9	1.9	1.9	
		Exhalation	1/6	≤3.0	S.W.	1.9	1.8	2.0	1.8	1.8	Qualified
		160 L/min		1//		1.8	1.9	1.9	1.9	1.9	
						1.9	1.8	2.0	1.9	1.9	
					T.C.	1.8	1.9	1.9	2.0	1.9	
						1.9	1.9	1.9	2.0	2.0	

S.No. Test Unit item		Technical requirements	Test result								Single item decision	
			Exer	cises	E1 (%)	E2 (%)	E3 (%)	E4 (%)	E5 (%)	TIL (%)		
					1#	1.1	1.7	1.5	1.5	1.1	1.4	
			At least 46 out of the 50 individual exercise results		2#	1.4	2.2	2.0	2.3	1.6	1.9	
	the 50 individual exercise results shall be not greated than 11%; And in addition, at least 8 out of the individual wearer			the 50 individual	A.R.	3#	0.8	1.2	1.2	1.2	0.8	1.0
		shall be not greater than 11%;		4#	0.7	1.2	1.6	1.6	0.9	1.2	Qualified	
12		And in addition,at least 8 out of the 10		5#	1.0	1.7	1.7	2.0	1.3	1.5		
		individual wearer arithmetic means		6#	1.0	1.9	1.7	1.7	1.3	1.5		
lea		for the total inward leakage shall be not		7#	1.4	1.9	2.4	2.0	1.6	1.9		
	greater than 8%.	T.C.	8#	0.6	1.3	1.4	1.3	0.7	1.1			
			33//		9#	0.6	1.4	1.5	1.2	0.7	1.1	
					10#	1.1	1.7	1.6	1.7	1.1	1.4	

The end	

Note

SUPPLEMENTARY TEST REPORT

[2020] WSZ FHL NO.W0708

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Facial dimensions of ten test subjects:

Subject	Face Length	Face Width	Face Depth	Mouth Width	
	(mm)	(mm)	(mm)	(mm)	
1	120	130	109	59	
2	122	140	115	65	
3	119	160	139	55	
4	112	122	119	63	
5	110	130	118	60	
6	115	119	110	59	
7	112	123	113	55	
8	103	130	100	50	
9	118	139	130	63	
10	115	129	120	50	

The end —

