



C/ Sofía, 3-5 Pol. Ind. Cabezo Beaza C.P. 30353 CARTAGENA (Spain) CIF. B30668420

# **DOCUMENTATION**

# **REF. CV-41 / WM95**

# **MASK ULTRA PROTECTION FFP2**

MASCARILLA ULTRA PROTECCIÓN FFP2 MASQUE FFP2 ULTRA PROTECTION FFP2 MASCHERINA PROTEZIONE ULTRA FFP2



MASTER BOX: 1000 pcs



ITEM: WM95
DESCRIPTION: NAAMIO

**MATERIAL:** 

3 PLY (40% non woven, 30% Meltblown, 30% algodón).

**QUANTITY: 1.000** 

G.W N.W

**CNT SIZE** 

BATCH NUMBER: PRODUCTION DATE:

VALIDITY:

**SUPPLIER NUMBER:** 

MADE IN P.R.C.

L138xW138xH100mm









BAG: 1 pc 133x133 mm







### **NOTA IMPORTANTE:**

En todos los procesos de fabricación de nuestras mascarillas, no se utiliza grafeno o derivados del mismo.

#### Colaboramos con

































## **EU DECLARE OF THE CONFORMITY**

We

Company name:	Xiamen Miaoxing Technology Co.,Ltd
Postal address:	5Floor, No.333-4TongFuRoad, TongAn district, Xiamen, China

Declare that the Doc is issued under our sole responsibility and belongs to the following products:

Apparatus model/Product:	VVM95	
Type:	Filtering half mask	

Object of the declaration (identification of apparatus allowing traceability. It includes a color image of sufficient clarity for the identification of the appearance)



The object of the declaration described above is in conformity with the relevant Union harmonization legislation:

## Personal protective equipment Regulation (EU)2016/425

The following harmonized standards and technical specifications have been applied: Title,

Date of standards/specification:

# PPE-R/02.075 version 1 Filtering half mask to protect against COVID-19

Notified body where applicable 4 digit notified body number

LGAI TECHNOLOGICAL CENTER, S. A./Applus	0370
CERTIFICATE NUMBER:	0370-4376-PPE/B
TECHNICAL REPORT NUMBERED:	PTC20111805301C.EN01

Name and Function of the undersigned	LIU SENMEI / CEO
Signature and Stamp	WAX II
Place and Date	2024.9.1850212100109

# Xiamen Miaoxing Technology Co.,Ltd

5Floor, No.333-4TongFuRoad, TongAn district, Xiamen, China

## STATEMENT

Production name: Particle Filtering Half Mask

Model: WM95

Batch reference: KZ2024701

Standard: EN 149:2001+A1:2009

Classification: FFP2 NR.

We declare that masks (customer reference CV-41) have not used graphene and derivatives in the materials and production as we have made laboratory test to proof that.

Name and Function of the undersigned	LIU SENMEI / CEO
Signature and Stamp	MANUE .
Place and Date	2024.9.18 350212100109





Notified Body No. 0370

# CERTIFICADO DE EXAMEN UE DE TIPO EU-TYPE EXAMINATION CERTIFICATE



No

0370-4376-PPE/B

ORGANISMO NOTIFICADO Nº NOTIFIED BODY NUMBER	0370 - LGAI TECHNOLOGICAL CENTER (APPLUS)
SOLICITANTE APPLICANT	Xiamen Miaoxing Technology Co.,Ltd 5Floor,No.333-4TongFuRoad,TongAn district ,Xiamen ,China
FABRICANTE MANUFACTURER	Xiamen Miaoxing Technology Co.,Ltd 5Floor,No.333-4TongFuRoad,TongAn district ,Xiamen ,China

REGLAMENTO DE APLICACIÓN PARA DAR LA CONFORMIDAD / APPLICABLE REGULATION TO GIVE CONFORMITY:

REGLAMENTO (UE) 2016/425 SOBRE LOS EQUIPOS DE PROTECCIÓN INDIVIDUAL

REGULATION (EU) 2016/425 PERSONAL PROTECTIVE EOUIPMENT

REGULATION (ED) 2010, 123 FERODINAL FROTECTIVE EQUIPMENT	
PROCEDIMIENTO DE EVALUACIÓN DE LA CONFORMIDAD  CONFORMITY ASSESSMENT PROCEDURE	Módulo // Module: B  EXAMEN UE DE TIPO / EU TYPE EXAMINATION
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) IDENTIFICATION OF THE PPE (TYPE NUMBER)	Ref.: WM95 Filtering half mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP2 NR
NORMAS ARMONIZADAS / HARMONISED STANDARDS	EN 149:2001 + A1:2009 Dispositivos de protección respiratoria. Medias máscaras filtrantes de protección contra partículas. Requisitos, ensayos, marcado.  EN 149:2001 + A1:2009 Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking
FECHA DE EMISIÓN / ISSUE DATE	10/09/2020
FECHA DE MODIFICACIÓN / MODIFICATION DATE	01/12/2020
VALIDEZ HASTA / VALIDITY UNTIL	10/09/2025

El presente certificado se mantendrá vigente durante 5 años siempre que el producto descrito no sea modificado y cumpla los requisitos esenciales de salud y seguridad establecidos en el Reglamento (UE) 2016/425. Para asegurar dicho cumplimiento, este certificado deberá ir acompañado de la documentación correspondiente a la Evaluación de Conformidad con el tipo según módulo C2, D (realizada por un Organismo Notificado, según frecuencia establecida).

This certificate will remain valid for 5 years as long as the indicated product is not modified and fulfills the essential requirements of health and safety established in (EU) Regulation 2016/425. To ensure such compliance, this certificate must be accompanied by the documentation corresponding to the Conformity Assessment to type according to C2, D(carried out by a Notified Body according, to the established frequency).



Xavier Ruiz Peña

Managing Director, Product Conformity B.U.

Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado. This document is not valid without its technical annex, whose number coincides with the number of certificate.

Puede comprobarse la validez de este certificado en nuestra página web / You can check the validity of this certificate into our website at: www.appluslaboratories.com/certified\_products



LGAI Technological Center, S.A. (APPLUS) Campus UAB – Ronda de la Font del Carme, s/n E - 08193 Bellaterra (Barcelona) T +34 93 567 20 00 www.appluslaboratories.com



Technical Annex Ed. 2 01/12/2020

# ANEXO TÉCNICO TECHNICAL ANNEX

0370-4376-PPE/B

## I. MODELOS INCLUIDOS EN EL CERTIFICADO

REFERENCES INCLUDED IN THIS CERTIFICATE

MARCA BRAND	MYS
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) IDENTIFICATION OF THE PPE (TYPE NUMBER)	Ref.: WM95 Filtering half mask
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP2 NR
INFORME DE ENSAYO TEST REPORT	PTC20111805301C.EN01 issued by Precise Testing & Certification (Guangdong) Co.,Ltd.(PTC)



# CERTIFICADO DE CONFORMIDAD CON EL TIPO CONFORMITY TO TYPE CERTIFICATE

LGAI Technological Center, S.A. (APPLUS)
Organismo Notificado / Notified Body Nr. 0370

No.

0370-7258-PPE/C2

SOLICITANTE / FABRICANTE APPLICANT / MANUFACTURER	Xiamen Miaoxing Technology Co.,Ltd 5Floor, No.333-4TongFuRoad, TongAn district, Xiamen, China
PLANTA DE PRODUCCIÓN PRODUCTION SITE	Xiamen Miaoxing Technology Co.,Ltd 5Floor, No.333-4TongFuRoad, TongAn district, Xiamen, China
REGLAMENTO DE APLICACIÓN PARA DAR LA C	CONFORMIDAD / APPLICABLE REGULATION TO GIVE CONFORMITY:
	DBRE LOS EQUIPOS DE PROTECCIÓ INDIVIDUAL 1/425 PERSONAL PROTECTIVE EQUIPMENT
	Módulo // Module: C2
PROCEDIMIENTO DE EVALUACIÓN DE LA CONFORMIDAD CON EL TIPO CONFORMITY ASSESSMENT PROCEDURE TO TYPE	BASADA EN EL CONTROL INTERNO DE LA PRODUCCIÓN MÁS EL CONTROL SUPERVISADO DE LOS PRODUCTOS A INTERVALOS ALEATORIOS
	BASED ON INTERNAL PRODUCTION CONTROL PLUS SUPERVISED CONTROL OF PRODUCTS AT ALEATORY INTERVALS
IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) IDENTIFICATION OF THE PPE (TYPE NUMBER)	Ver Anexo Técnico See Technical Annex
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP2 NR
FECHA DE EMISIÓN / ISSUE DATE	13/09/2024
VALIDEZ HASTA / VALIDITY UNTIL:	13/09/2025
El presente certificado se mantendrá vigente durante 1 año	siempre que no se modifiquen las condiciones establecidas en el Certificado de

El presente certificado se mantendra vigente durante 1 ano siempre que no se modifiquen las condiciones establecidas en el Certificado de Examen UE de Tipo referenciado en el Anexo.

This certificate will remain in force for 1 year as long as the conditions established in the EU Type certificate referenced in the annex are not modified.



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LGAI Technological Center, S.A.

Xavier Ruiz Peña Managing Director, Product Conformity B.U.

Este documento carece de validez sin su anexo técnico, cuyo número coincide con el del certificado.

This document is not valid without its technical annex, whose number coincides with the number of certificate.

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LGAI Technological Center, S.A. (APPLUS) Campus UAB - Ronda de la Font del Carme s/n 08193 Bellaterra (Barcelona) T +34 93 567 20 00 CIF: A-63207492

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Technical Annex Ed. 1 13/09/2024

## **ANEXO TÉCNICO** TECHNICAL ANNEX

0370-7258-PPE/C2

## I. MODELOS INCLUIDOS EN EL CERTIFICADO

### REFERENCES INCLUDED IN THIS CERTIFICATE

### **DATOS GENERALES / GENERAL DETAILS**

Nº CERTIFICADO DE EXAMEN UE DE TIPO NR. EU TYPE EXAMINATION CERTIFICATE	0370-4376-PPE/B
EMITIDO POR ISSUED BY	LGAI TECHNOLOGICAL CENTER S.A.  (Organismo notificado nº 0370 / Notified Body nr. 0370).
FECHA EMISIÓN ISSUE DATE	10/09/2020
VALIDEZ HASTA VALIDITY UNTIL	10/09/2025
MARCA BRAND	MYS
NIVEL O NIVELES DE RENDIMIENTO O LA CLASE DE PROTECCIÓN DEL EPI / PERFORMANCE LEVEL OR PROTECTION CLASS OF THE PPE	FFP2 NR
<b>DESCRIPCIÓN</b> <i>DESCRIPTION</i>	MEDIA MÁSCARA FILTRANTE SIN VÁLVULA, DE TIPO PLEGABLE VERTICAL, DE 5 CAPAS, CON LAZOS DE OREJA CON GANCHO Y CLIP NASAL INTERIOR. TAMAÑO: 155mm*105mm.  VALVELESS FILTERING HALF MASK, VERTICAL FOLDING TYPE, 5 LAYERS, WITH EAR LOOPS WITH HOOK AND INTERIOR NOSE CLIP SIZE: 155mm*105mm
INFORME DE ENSAYO TEST REPORT	S24090204801E issued by Shenzhen NTEK Testing Technology Co., Ltd. (NTEK)

#### DATOS ESPECIFICOS / SPECIFIC DETAILS

IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) IDENTIFICATION OF THE PPE (TYPE NUMBER)	Ref.: WM95 Filtering half mask
COLORES COLOURS	Blanco / White

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Technical Annex Ed. 1 13/09/2024

# **ANEXO TÉCNICO** TECHNICAL ANNEX

# 0370-7258-PPE/C2

IDENTIFICACIÓN DEL EPI (NÚMERO DE TIPO) IDENTIFICATION OF THE PPE (TYPE NUMBER)	Ref.: WM95B Filtering half mask
COLORES COLOURS	Negro / Black





RTIFICATION

Approved by:



国际互认 检测 TESTING CNAS L5772

# **Test Report**

# EN 149:2001+A1:2009 protective devices. Filtering half masks to protect against particles. Requirements, testing, marking

Product: Filtering half mask

**Report No.:** PTC20111805301C-EN01

Client: Xiamen Miaoxing Technology Co.,Ltd

Client Address: 5Floor, No. 333-4TongFuRoad, TongAn district, Xiamen, China

Manufacturer: Xiamen Miaoxing Technology Co.,Ltd

Manufacturer Address: 5Floor,No.333-4TongFuRoad,TongAn district ,Xiamen ,China

Contact: Mr.Liu

Model(s): WM95

Classification: FFP2 NR

**Date of Tests:** 2020.11.23~2020.11.27

Signed for and on Behalf of PTC

Prepare by: Checked by:



### **Summary of assessment**

Clause	Assessment			
7.3 Visual inspection	NOT TESTED			
7.4 Packaging	PASS			
7.5 Material	PASS			
7.6 Cleaning and disinfecting	N/A			
7.7 Practical performance	PASS			
7.8 Finish of parts	PASS			
7.9.1 Total inward leakage	PASS			
7.9.2 Penetration of filter material	PASS			
7.10 Compatibility with skin	PASS			
7.11 Flammability	PASS			
7.12 Carbon dioxide content of the inhalation air	PASS			
7.13 Head harness	PASS			
7.14 Field of vision	PASS			
7.15 Exhalation valve	N/A			
7.16 Breathing resistance	PASS			
7.17 Clogging	N/A			
7.18 Demountable parts	PASS			
9 Marking	NOT TESTED			

#### Remark:

PASS: comply with requirement of standard

N/A: not application

NOT TESTED: the clause were not required



**Report No.:PTC20111805301C-EN01 Issue Date:** Nov.27, 2020 Page 3 of 14

### **Test Result:**

no sharp edges or burrs.

Requirement	Test Result	Conclusion
7.3 Visual inspection		
The visual inspection shall also include the marking and the information supplied by the manufacturer.	Not tested	Not tested
7.4 Packaging		
Particle filtering half masks shall be offered for sale packaged in such a	In accordance	
way that they are protected against mechanical damage and	with the	Pass
contamination before use.	requirement.	
7.5 Material		
Materials used shall be suitable to withstand handling and wear over the	Nia makabamikat	
period for which the particle filtering half mask is designed to be used.	No mechanical failure after	
Any material from the filter media released by the air flow through the	undergoing the	
filter shall not constitute a hazard or nuisance for the wearer.	conditioning	
	described in	Pass
After undergoing the conditioning described in 8.3.1 none of the particle	8.3.1, No collapse when	
filtering half masks shall have suffered mechanical failure of the facepiece	conditioned in	
or straps.	accordance with	
	8.3.1 and 8.3.2.	
When conditioned in accordance with 8.3.1 and 8.3.2 the particle filtering		
half mask shall not collapse.		
7.6 Cleaning and disinfecting		
If the particle filtering half mask is designed to be re-usable, the		
materials used shall withstand the cleaning and disinfecting agents and	Single shift use only	N/A
procedures to be specified by the manufacturer.		
7.7 Practical performance		
The particle filtering half mask shall undergo practical performance tests	No imperfections	Pass
under realistic conditions	Tto importociono	1 400
7.8 Finish of parts	No sharp edges or	
Parts of the device likely to come into contact with the wearer shall have	burrs.	Pass
no oborn odgos or burro		



#### 7.9.1 Total inward leakage

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

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.

FFP2, Test
results are
shown in Annex
A Table
7.9.1-A&B

#### 7.9.2 Penetration of filter material

The penetration of the filter of the particle filtering half mask shall meet the requirements of Table 1.

	Sodium chloride test	Paraffin oil test 95
	95 l/min	l/min
FFP1	≤ 20%	≤ 20%
FFP2	≤ 6%	≤6%
FFP3	≤ 1%	≤ 1%

results are shown in Annex A Table 7.9.2.

#### 7.10 Compatibility with skin

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.

#### 7.11 Flammability

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.

Test results are shown in Annex A Pass Table 7.11.

#### 7.12 Carbon dioxide content of the inhalation air

The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 % (by volume)

Test results are shown in Annex A Table 7.12.

#### 7.13 Head harness

The head harness shall be designed so that the particle filtering half mask can be donned and removed easily.

Head harness can be donned and removed easily, adjustable or

self-adjusting and

Pass

The head harness shall be adjustable or self-adjusting and shall be

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sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.

have sufficiently robust to hold the particle filtering half mask firmly.

#### 7.14 Field of vision

The field of vision is acceptable if determined so in practical performance tests

Pass the practical **Pass** performance tests.

#### 7.15 Exhalation valve

A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations.

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.

No exhalation valve N/A

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.

When the exhalation valve housing is attached to the faceblank, it shall withstand axially a tensile force of 10 N applied for 10 s.

#### 7.16 Breathing resistance

	Maximum permitted resistance (mbar)						
Classification	Inha	lation	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				

FFP2. Test results are shown in Annex A Table 7.16.

Pass

#### 7.17 Clogging

#### 7.17.2 Breathing resistance

Valved particle filtering half masks:

After clogging the inhalation resistances shall not exceed:

FFP1: 4 mbar, FFP2: 5 mbar, FFP3: 7 mbar at 95L/min continuous flow

The exhalation resistance shall not exceed 3 mbar at 160 L/min

Single shift use only.

N/A



continuous flow

Valveless particle filtering half masks

After clogging the inhalation and exhalation resistances shall not exceed: FFP1: 3 mbar, FFP2: 4 mbar, FFP3: 5 mbar at 95L/min continuous flow

#### 7.17.3 Penetration of filter material

	Sodium chloride test	Paraffin oil test 95
	95 l/min	l/min
FFP1	≤ 20%	≤ 20%
FFP2	≤ 6%	≤ 6%
FFP3	≤ 1%	≤ 1%

#### 7.18 Demountable parts

All demountable parts (if fitted) shall be readily connected and secured, where possible by hand

Comply

Not tested

Dace

Not tested

#### 9 Marking

#### 9.1 Packaging

The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent.

- 9.1.1 The name, trademark or other means of identification of the manufacturer or supplier.
- 9.1.2 Type-identifying marking.
- 9.1.3 Classification

The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable.

Example: FFP2 R D.

- 9.1.4 The number and year of publication of this European Standard.
- 9.1.5 At least the year of end of shelf life. The end of shelf life may be informed by a pictogram as shown in Figure 12a, where yyyy/mm indicates the year and month.
- 9.1.6 The sentence 'see information supplied by the manufacturer', at least in the official language(s) of the country of destination, or by using

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the pictogram as shown in Figure 12b.

- 9.1.7 The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictogram, as shown in Figures 12c and 12d.
- 9.1.8 The packaging of those particle filtering half masks passing the dolomite clogging test shall be additionally marked with the letter "D". This letter shall follow the classification marking preceded by a single space.

### 9.2 Particle filtering half mask

Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following:

- 9.2.1 The name, trademark or other means of identification of the manufacturer or supplier.
- 9.2.2 Type-identifying marking.
- 9.2.3 The number and year of publication of this European Standard.
- 9.2.4 Classification

The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable. Example: FFP2 R D.

- 9.2.5 If appropriate the letter D (dolomite) in accordance with clogging performance. This letter shall follow the classification marking preceded by a single space.
- 9.2.6 Sub-assemblies and components with considerable bearing on safety shall be marked so that they can be identified.



### **Annex A: Summarization of Test Data**

### Table 7.9.1-A: Inward Leakage Test Data

Test specification: EN 149:2001+A1:2009 Clause 8.5

Subject	Sample No.	Condition	Walk (%)	Head Side/side (%)	Head up/down (%)	Talk (%)	Walk (%)	Mean (%)
Lv	1	A.R	4.3	5.0	5.6	6.6	7.4	5.8
é Li	2	A.R	3.4	4.3	5.3	5.9	5.1	4.8
Zhong	3	A.R	5.4	6.4	7.2	7.5	5.6	6.4
Xu	4	A.R	4.6	3.5	4.5	5.7	5.9	4.8
Ма	5	A.R	5.5	6.1	5.2	5.6	5.3	5.5
Chen	6	T.C	5.9	6.6	5.3	7.4	5.2	6.1
Chen	7	T.C	5.2	5.3	4.7	6.7	4.7	5.3
Zhuo	8	T.C	5.6	6.7	5.2	7.6	8.3	6.7
Chen	9	T.C	5.7	5.2	5.4	5.3	5.9	5.5
Zhang	10	T.C	5.2	5.6	5.0	6.3	4.8	5.4

### Table 7.9.1-B: Facial dimension

Subject	Face Length	Face Width	Face Depth	Mouth Width
Lv	113	139	104	53
( 0), iD), (9)	120	135	112	55
Zhong	Zhong 108		106	56
Xu	120	150	120	70
Ма	130	170	130	80
Chen	110	160	90	40
Chen	115	145	110	50
Zhuo	103	146	100	50
Chen	110	145	95	40
Zhang	144	141	101	54



### Table 7.9.2: Penetration of filter material

Test specification: EN 149:2001+A1:2009 Clause 8.11

Aerosol	Condition	Sample No.	Penetration (%)	Assessment		
to the to	to the the to the	11 4.6				
	As received	12	5.6	, ci . ci		
the state of	the first first first	13	5.0	6 6 6		
(0) (0) (0)	0x 0x 0x 0x 0	14	2.4	20 20		
Sodium chloride test	Simulated wearing treatment	15	4.4	8. 8. 8		
NO NO NO S	6 40 40 40 40	16	3.1	40 NO 8		
E	6 . 6 . 6 . 6 . 6	17	4.8			
the state of	Mechanical strength + Temperature conditioned	18	5.3	S. S. S.		
	remperature containoned	19	3.8	Door .		
	. 6. 6. 6. 6.	20	2.6	Pass		
KO KO KO S	As received	21	4.9	30 50 8		
		22	5.4	7 7 7		
the second	a he he he he	23	2.1	6 6 6		
Paraffin oil test	Simulated wearing treatment	24	3.0	, O, O,		
to to to	6. 6. 6. 6.	25	3.0	8, 6, 6		
	6 40 40 40 40	26	3.2	No No 3		
	Mechanical strength + Temperature conditioned	27	2.6			
En the the	13.11pordiaro conditiono	28	2.9	200 OF 6		



### Table 7.11: Flammability

Test specification: EN 149:2001+A1:2009 Clause 8.6

Condition	Sample No.	Result	Assessment
As received —	29	No burn	to the the
	30	No burn	9 70 70 70
Towns and two and dition ad	31	No burn	Pass
Temperature conditioned	32	No burn	S. C. S.

#### Table 7.12: Carbon dioxide content of the inhalation air

Test specification: EN 149:2001+A1:2009 Clause 8.7

Condition	Sample No.	Re	esult (%)	Assessment
0 15 16	33	0.02	Name veloci	5 <u>7</u> 6 <u>7</u> 6 7
As received	34	34 0.02	Mean value:	Pass
	35	0.02	0.02	J. S. S. S.



Report No.:PTC20111805301C-EN01 Issue Date: Nov.27, 2020 Page 11 of 14

### Table 7.16: Breathing resistance (mbar)

Test specification: EN 149:2001+A1:2009 Clause 8.9

	Flow Ra	ite	. 6		36			37				38					
	Inhalation -	30 I/min	ی د	6 ,	0.41	,Ö,	J.O	ō <sub>X</sub>	20	0.46	1	1		9 ,	0.43	χĢ.,	20
As received	IIIIaiatioii	95 I/min	1.74				Y.	× .	1.79	×		1.72					
	Exhalation 160		Α	В	С	D	E	Α	В	С	D	Е	Α	В	С	D	E
30.30	A 96	l/min	2.11	2.07	2.02	2.03	2.02	2.05	2.03	2.04	2.06	2.06	2.07	2.11	2.09	2.07	2.08
	Flow Ra	ite			39			2001		40					41		
Simulated	Inhalation I/mi	30 I/min	- 6	4	0.32		6	8/	8	0.30	8,	6	- 6	. 4	0.31		3
wearing treatment		95 I/min	D 6	6	1.14	30.	16	80	30	1.14	8	1	1 6	6 9	1.15	ø,	30
deathen		160	Α	В	С	D	E	Α	В	С	D	Е	Α	В	С	D	E
	Exhalation	l/min	1.94	1.88	1.85	1.87	1.89	1.91	1.93	1.90	1.91	1.91	1.91	1.94	1.89	1.90	1.95
40 40	Flow Ra	ite	9	υ ,	42	, o	W.	800	30	43	1		1 6	9	44	ŵ,	340
Temperature		30 I/min	b ),	0	0.27	,Ü,	201	0.27			1	0.28				χĠ	
conditioned	Inhalation	95 I/min	. 8		1.05		Υ	٧	Υ.	1.07	X.	3			1.07		<
	Exhalation	160	Α	В	С	D	E	Α	В	С	D	Е	Α	В	С	D	E
		l/min	1.67	1.71	1.71	1.68	1.71	1.67	1.68	1.69	1.69	1.71	1.70	1.69	1.69	1.69	1.69
Assessment	4 4	7	- 3					Pa	SS		7						5

A: Facing directly ahead B: Facing vertically upwards C: Facing vertically downwards

D: Lying on the left side E: Lying on the right side



**Report No.:PTC20111805301C-EN01** Issue Date: Nov.27, 2020 Page 12 of 14

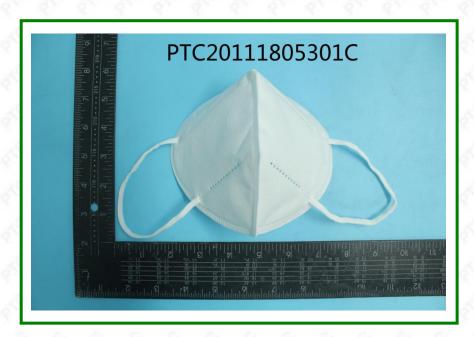
Test	Uncertainty			
Total inward leakage	3.8%			
Penetration of filter material(NaCl)	3.5%			
Penetration of filter material(Paraffin oil)	4.2%			
Carbon dioxide content of the inhalation air	4.5%			
Breathing resistance(30L/min)	5.2%			
Breathing resistance(95L/min)	5.4%			
Breathing resistance(160)L/min)	6.0%			

### Photo(s) of Sample:















\*\*\*End of Report\*\*\*



Report No.: S24090204801E page 1 of 10

**Test Report** Applicant: Xiamen Miaoxing Technology Co.,Ltd 5Floor, No. 333-4Tong FuRoad, Tong An district, Xiamen, China Address: The following sample(s) was/were submitted and identified on behalf of the client as: Product name: Filtering half mask Model: WM95/WM95B Trade mark: MYS Manufacturer: Xiamen Miaoxing Technology Co.,Ltd Address: 5Floor, No. 333-4TongFuRoad, TongAn district, Xiamen, China Classification: FFP2 NR Sample quantity: 70 Pcs C2 Sampling done by APPLUS+ with ID 24/32307049 number: Sep. 02, 2024 Sample Received Date: Testing Period: Sep. 02, 2024~ Sep. 10, 2024 **Test Requirement:** According to the requirement of the Module C2 (SPC CE-062\_EN M7 PPE ) of Applus+, the test item(s) of the sample is according to the standard EN 149:2001+A1:2009. **Test Result(s):** Please refer to the following page(s) **Test Method:** Please refer to the following page(s) Compiled by: Reviewed by: Approved by: 2024-09-10



Report No.: S24090204801E page 2 of 10

### Sample list

Sample No.	Model	Description
1#	WM95	White mask
2#	WM95	White mask
3#	WM95	White mask
4#	WM95	White mask
5#	WM95	White mask
6#	WM95	White mask
7#	WM95	White mask
8#	WM95	White mask
9#	WM95	White mask
10#	WM95	White mask
11#	WM95	White mask
12#	WM95	White mask
13#	WM95	White mask
14#	WM95B	Black mask
15#	WM95B	Black mask
16#	WM95B	Black mask
17#	WM95	White mask
18#	WM95	White mask
19#	WM95	White mask
20#	WM95B	Black mask
21#	WM95B	Black mask
22#	WM95B	Black mask
23#	WM95	White mask
24#	WM95	White mask
25#	WM95	White mask
26#	WM95B	Black mask
27#	WM95B	Black mask
28#	WM95B	Black mask
29#	WM95B	Black mask
30#	WM95B	Black mask
31#	WM95B	Black mask
32#	WM95B	Black mask

Shenzhen NTEK Testing Technology Co., Ltd. | Address: 1&5/F, Building C, 1&2/F, Building E, Fenda Science Park, Sanwei Community, Hangcheng Street, Baoan District, Shenzhen ,Guangdong, China | Tel: +86-755-2320 0050 | http://www.ntek.org.cn
Complaint Tel: +86-755- 23218370 | Complaint E-mail: complaint@ntek.org.cn



Report No.: S24090204801E page 3 of 10

Sample No.	Model	Description
33#	WM95B	Black mask
34#	WM95B	Black mask
35#	WM95B	Black mask
36#	WM95B	Black mask
37#	WM95B	Mack mask



Report No.: S24090204801E page 4 of 10

#### **Test Result**

Respiratory Protective Devices — Filtering Half Masks to Protect against Particles — Requirements, Testing, Marking (EN 149:2001+A1:2009)

### Clause 7.3 Visual inspection

Test Requirement	Results	Comment
Marking and the information supplied by the manufacturer,	Comply	Pass
requirements refer to clause 9 and clause 10.	Comply	F 455

### 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	Comply	Pass
is designed to be used.		<b>→</b> <
After undergoing the conditioning described in 8.3.1 none of		
the particle filtering half masks shall have suffered mechanical	Comply	Pass
failure of the face piece or straps.		_
When conditioned in accordance with 8.3.1 and 8.3.2 the	Comply	Pass
particle filtering half mask shall not collapse.	Comply	Pass
Any material from the filter media released by the air flow		
through the filter shall not constitute a hazard or nuisance for	Comply	Pass
the wearer.		L K

#### **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	No sharp edges	Door
shall have no sharp edges or burrs.	or burrs	Pass



Report No.: \$24090204801E page 5 of 10

### Clause 7.9.1 Total Inward Leakage

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

Test Requirement	Results	Comment
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	4	<u></u>
leakage shall be not greater than:		
25% for FFP1	* **	4,
11% for FFP2	Detail refer to	
5% for FFP3		Pass
and, in addition, at least 8 out of the 10 individual wearer	Appendix 1	- 4
arithmetic means for the total inward leakage shall be not	AL 35	
greater than:		4,
22% for FFP1	2,	
8% for FFP2		,L &
2% for FFP3	.L &	

### **Appendix 1: Summarization of Test Data**

			Normal	Head	Head	Speak	Normal	Mean
Subject	Sample	Condition	Breathing	Side/Side	Up/Down	Loudly	Breathing	
	大	4	(%)	(%)	(%)	(%)	(%)	(%)
Zhang	1#	A.R.	4.3	4.4	4.6	4.9	4.2	4.48
Fan	2#	A.R.	5.2	5.3	5.7	5.8	5.0	5.40
Yang	3#	A.R.	4.9	5.1	5.2	5.3	4.9	5.08
Huang	4#	A.R.	5.6	5.9	6.1	6.2	5.8	5.92
Yan	5#	A.R.	6.0	6.1	6.1	6.3	6.2	6.14
Shi	6#	T.C.	5.5	5.6	5.7	5.9	5.4	5.62
Huang	7#	T.C.	4.9	5.0	4.8	5.1	5.3	5.02
Chen	8#	T.C.	5.0	5.5	5.6	5.7	5.1	5.38
Lei	9#	T.C.	4.4	4.6	4.7	4.9	4.6	4.64
Shen	10#	T.C.	4.9	5.1	5.2	5.4	5.2	5.16



Report No.: S24090204801E page 6 of 10

### Facial Dimension:

Subject	Length of Face	Width of Face	Depth of Face	Width of Mouth
Subject	( mm )	( mm )	( mm )	( mm )
Zhang	120	175	115	57
Fan	120	155	115	55
Yang	125	165	120	55
Huang	116	187	126	57
Yan	104	163	115	52
Shi	110	144	117	46
Huang	108	136	105	52
Chen	115	135	121	57
Lei	111	137	121	53
Shen	112	138	119	54

### Clause 7.9.2 Penetration of Filter Material

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

*	Test Requirement	.07 -3	Results	Comment
The penetration of	of the filter of the particle			
shall meet the red	quirements of the follow	ring table.	.4	5,
	Maximum penetratio			
Classification	Sodium chloride	Paraffin oil test	Detail refer to	J. S.
	test 95 L/min	95 L/min	Appendix 2	Pass
FFP1	20	20		
FFP2	6	6		L.
FFP3	1	1 /		* Z
		Y. 4	* * *	



Report No.: S24090204801E page 7 of 10

### **Appendix 2: Summarization of Test Data**

Penetration of filter material

		Sample	Penetrat	ion (%)	Assessment
Aerosol	Condition	Sample No.	Average in 30s after 3 min	Max. during exposure	
	4,	11#	0.01	<i>-</i> /	*
	A.R.	12#	0.07	/	
		13#	0.10	/ /	
	4	17#	0.28	7	
Sodium chloride test	S.W.	18#	0.26	1	
chloride test	M.S. + T.C.	19#	0.29	<i>A</i> 1 <del>A</del>	
		23#	T -	1.30	
		24#	1	1.49	
	F K	25#	1	1.42	
* Z**	A.R.	14#	0.29	7	Pass
		15#	0.26	/	
		16#	0.29	<u> </u>	
		20#	0.43	- 1	
Paraffin oil test	S.W.	21#	0.46	<i>!</i>	
lest		22#	0.47	1	
	4,	26#	1	2.75	
	M.S. + T.C.	27#	1	2.74	
	A 2	28#	1 1	2.56	
	Flow r	ate of test aeroso	ol: 95.0 L/min	4	



Report No.: S24090204801E page 8 of 10

### Clause 7.16 Breathing Resistance

EN 149:2001+A1:2009, Clause 8.9)

	Test Requ	uirement			Results	Comment
The breathing resi	stances apply t	9				
half masks and sh	all meet the rec	quirements as	the following tak	ole.		
	Maximum per	mitted resista	nce (mbar)		4	
Classification	Inhala	tion	Exhalation		Detail refer to	Pass
	30 L/min	95 L/min	160 L/min		Appendix 3	
FFP1	0.6	2.1	3.0		*	٨
FFP2	0.7	2.4	3.0		F 3	100 A
FFP3	1.0	3.0	3.0			

### **Appendix 3: Summarization of Test Data**

>		Inhalation(mbar)		Exhalation resistance(mbar)					
Specimen	Condition	At 30	At 95	*	A	t 160 L/min		4	
		L/min	L/min	Α	В	С	D .	E	
29#		0.34	1.27	2.12	2.12	2.14	2.13	2.14	
30#	A.R.	0.35	1.28	2.12	2.14	2.13	2.14	2.12	
31#		0.35	1.28	2.14	2.13	2.12	2.14	2.13	
32#		0.37	1.30	2.16	2.16	2.15	2.17	2.16	
33#	S.W.	0.36	1.30	2.17	2.15	2.15	2.16	2.17	
34#		0.37	1.29	2.15	2.17	2.16	2.17	2.17	
35#		0.32	1.24	2.07	2.09	2.09	2.08	2.07	
36#	T.C.	0.33	1.25	2.09	2.08	2.07	2.09	2.08	
37#		0.33	1.24	2.09	2.07	2.08	2.07	2.09	
/	T.C.+F.C.	/	/	/	/	/	/	/	
/		/	/	/	/	/	/	/	
/	F.C.	/	/	/	/	/	/	/	

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



Report No.: S24090204801E page 9 of 10

### **Clause 7.18 Demountable Parts**

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

Fig.3 (Black mask)

Test Requirement	Results	Comment
All demountable parts (if fitted) shall be readily connected	Comply	Pass
and secured, where possible by hand.		

### Sample photo(s):

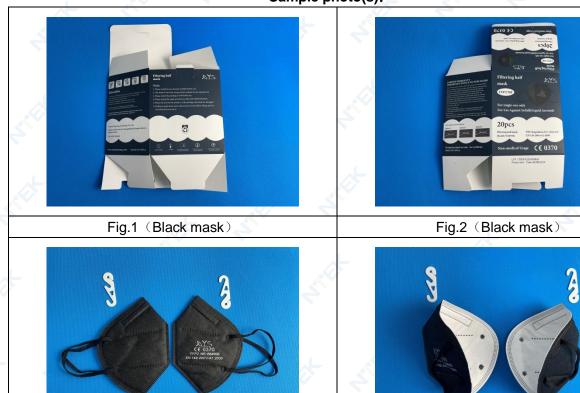
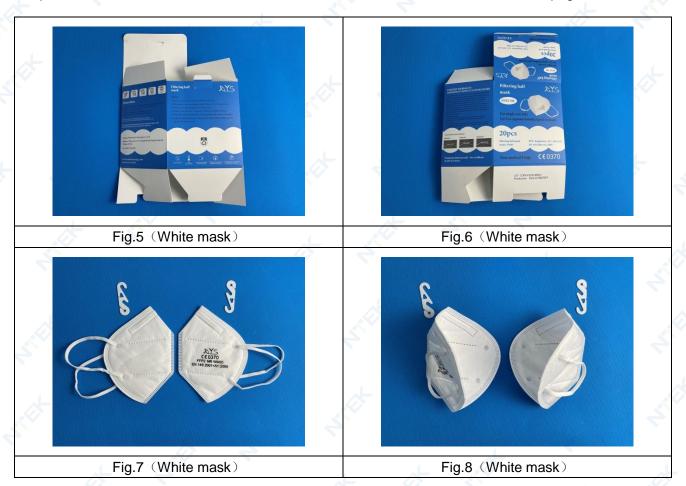


Fig.4 (Black mask)



Report No.: S24090204801E page 10 of 10



### \*\*\*\*End of Report\*\*\*\*

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