

**MASCARILLA AUTOFILTRANTE  
DESECHABLE FFP2**

**【BREATHING RESPIRACIÓN SALUDABLE】** Se adapta perfectamente a la cara y filtra eficazmente el polvo y protege su salud.

**【MASCARILLA HIPOALERGÉNICA】** Calidad y rendimiento confiables. Hecho de textil de alta calidad ofrece la propiedad de textura suave, material agradable.

**【DISEÑO 3D】** Con el diseño del puente nasal, la máscara es más flexible y se adapta exactamente a la mayoría de los tamaños masculinos o femeninos adultos y se adapta a casi todas las formas de la cara.

**【MÁS COMODIDAD】** Con los pendientes altamente elásticos, esta máscara protectora se adapta perfectamente desde la nariz hasta el mentón. Es muy fácil y conveniente usarlo todo el día sin dolor.



EU DECLARATION OF CONFORMITY

Personal Protective Equipment:  
Brand: RNR  
Name: Disposable Self-filtering Mask FFP2 NR  
Model: RNR160  
Type: FFP2 NR  
Certificate No: 2163-PPE-1163  
Standard: EN149:2001+A1:2009  
Manufacturer: Nanjing Bluer Environmental Sci-Tech Co., Ltd.  
Address: Building 4, Yuhao Research & Industrial Park, Pukou Economic Development Zone, Nanjing, Jiangsu Province, China

This declaration of conformity is issued under the sole responsibility of the manufacturer:  
Nanjing Bluer Environmental Sci-Tech Co., Ltd

The object of the declaration described above is in conformity with the relevant Union harmonization legislation: Personal Protective Equipment Regulation (EU) 2016/45.  
The fulfilment of the relevant health and safety requirements set out in Annex I1 has been demonstrated.

The notify body:  
UNIVERSAL CERTIFICATION AND SURVEILLANCE SERVICE TRADE LTD. CO.,  
Necip Fazıl Bulvarı Keyap Sitesi E2 Blok No: 44/84 Yukarı Dudullu, Ümraniye-Istanbul,  
Turkey  
Notified Body Number:2163

performed the EU type-examination (Module B) and issued the EU type 2163-PPE-1163 certificate.

The PPE is subject to the conformity to type assessment procedure bases on internal production control plus supervised product checks at random intervals (Module C2) set out in the Regulation (EU) 2016/425, under surveillance of the notified body UNIVERSAL CERTIFICATION AND SURVEILLANCE SERVICE TRADE LTD. CO. (UNIVERSAL), Number 2163.

Signed for and on behalf of:  
General Manager: Yu Zhou

30 nov 2020, Nanjing China



DECLARACIÓN  
DE  
CONFORMIDAD



# Módulo B

**Product Definition**

**Model: RNR160**

**Filtering half mask**

**Classification: FFP2 NR**

UNIVERSAL



## EU TYPE EXAMINATION CERTIFICATE

**Certificate No: 2163-PPE-1163**

Respiratory protective devices, filtering half masks to protect against particles manufactured by  
**Nanjing Bluer Environmental Sci-Tech Co., Ltd.**  
 Building 4, Yuhao research & industrial park, Pakou Economic Development Zone, Nanjing,  
 Jiangsu Province, China  
 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**

**Model: RNR160**  
 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 fulfillment 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 **27/07/2020** and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.



*Signature*  
 Sait KACMAZ  
 UNIVERSAL CERTIFICATION  
 Director



Módulo C2

UNIVERSAL

Verify the validity with the QR code



NB 2163

CERTIFICATE OF CONFORMANCE

Certificate No: 2163-PPE-1163/01

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

**Nanjing Bluer Environmental Sci-Tech Co., Ltd**

Building 4, Yuhao research & industrial park, Pukou Economic Development Zone, Nanjing, Jiangsu Province, China

Continues to fulfill the requirements of

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

Based on the evaluation of test reports and internal quality control audit reports according to EN 149+A1:2009 and Personal Protective Equipment Regulation (EU) 2016/425 Annex VII (Module C2). This certificate implies that the manufactured products show below are in conformance with the approved EU Type Examination model and meets the requirements of the regulation.

Product Definition

Model	Class	EU Type Examination Certificate		
		Serial No	Date	Issuing NB No
RNR160	FFP2 NR	2163-PPE-1163	27.07.2020	2163

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**.
- Taking all measures necessary so that the manufacturing process and its monitoring ensure the homogeneity of production and conformity of the manufactured PPE with the type described in the EU type examination certificate.

This certificate is issued on **22/12/2020** and will be valid for one year, until **21/12/2021** if the manufacturer makes no major change in the product designs and manufacturing processes affecting the product performance on the essential health and safety requirement.



Sun KACMAZ  
UNIVERSAL CERTIFICATION  
Director



CE-AITEX



CE 0161

certificado UE de tipo




**CERTIFICADO Nº 21/3646/00/0161**

EPI TIPO MEDIA MÁSCARA FILTRANTE PARA PROTEGER CONTRA COVID-19 ÚNICAMENTE  
REFERENCIA: Maskcare99-C




**AITEX, Organismo Notificado Nº 0161 para la aplicación del Reglamento (UE) 2016/425 del Parlamento Europeo y del Consejo del 9 de marzo de 2016, donde se establece los requisitos esenciales de salud y seguridad que deben cumplir los Equipos de Protección Individual.**

**CERTIFICA** que la Sociedad:

Connectworld International Education S.A.  
Calle de Goya, 21, 1D  
ES-28001 Madrid  
Madrid

En calidad de fabricante



**CERTIFICADO Nº 21/3646/00/0161**

Ha obtenido la Certificación de Examen UE de Tipo del EPI correspondiente al presente certificado, conforme a lo expresado a tenor del anexo V (módulo B) del Reglamento (UE) 2016/425 y de acuerdo con los procedimientos de ensayo y especificaciones técnicas aplicables.

Destinado a la protección respiratoria para proteger contra COVID-19 únicamente, según la/s Norma/s:

- PPE-R/02.075 versión 2. Media máscara filtrante para proteger frente a COVID-19 únicamente en base a la Recomendación (UE) 2020/403 de la Comisión de 13 de marzo de 2020 relativa a la evaluación de la conformidad y los procedimientos de vigilancia del mercado en el contexto de la amenaza que representa el COVID-19.

Habiendo alcanzado los niveles de prestación que se especifican en el informe de evaluación de la conformidad Nº 2020EC4360UE y la Documentación Técnica del EPI.


Descripción del EPI:

Media máscara de filtración de partículas, sin válvula de exhalación que cubre nariz, boca y mentón, color blanco. La media máscara filtrante posee dos bandas de ajuste elástico de oreja y clip de nariz.

Los materiales que componen el EPI, vienen descritos en el informe de evaluación de la conformidad nº 2020EC4360UE.

Será estricta responsabilidad del fabricante facilitar información concreta acerca de este certificado y de los niveles de protección comprobados.

**EPI de CAT. III deberá ser utilizado únicamente en relación con uno de los procedimientos de evaluación de la conformidad según el Módulo C2 o el Módulo D descritos en el artículo 19 letra c) del Reglamento (UE) 2016/425.**

Digitally Signed by: Sívila Devesa  
Date: 14/01/2021 11:35:34  
Módulo C2  


Sívila Devesa Valencia  
Subdirectora de Laboratorios e Innovación

Fecha de expedición del Certificado: 13 de enero de 2021  
Fecha de expiración: 13 de enero de 2022

## Aprobado Por UNIVERSAL

### Penetration of filter material: Sodium Chloride Testing

Condition	No. of Sample	Sodium Chloride Testing 95 L/min max (%)	Requirements in accordance with EN 149:2001 + A1:2009	Result
(A.R.)	-	0.1	FFP1 ≤ 20 %	Filtering half masks fulfill the requirements of the standard EN EN 149:2001 + A1:2009 given in 7.9.2 in range of the FFP1, FFP2 and FFP3 classes.
(A.R.)	-	0.2		
(A.R.)	-	0.4		
(S.W.)	-	0.5	FFP2 ≤ 6 %	
(S.W.)	-	0.3		
(S.W.)	-	0.2		
(M.S. T.C.)	-	0.2	FFP3 ≤ 1 %	
(M.S. T.C.)	-	0.3		
(M.S. T.C.)	-	0.3		

**Conditioning:** (M.S.) Mechanical Strength

(T.C.) Temperature Conditioning

(A.R.) As Received, original

(S.W.) Simulated wearing treatment

95 L/min = 1,6 dm<sup>3</sup>.sn<sup>-1</sup>

## CLASIFICACIÓN FFP3



**Aprobado  
Por  
aitex**



Laboratorio de Ensayo

Notificado Nº0161

**Referencia**

*Reference*

Maskcare99-C

Ensayo de penetración de cloruro sódico (3,5 min) <i>Sodium chloride penetration test (3,5 min)</i>	
Muestra Nº. <i>Sample No.</i>	Valor medio de penetración % <i>Average value of penetration %</i>
1	0,99
2	0,98
3	0,99

Exposición a 120 mg de cloruro sódico <i>Exposure to 120mg of sodium chloride</i>	
Muestra Nº. <i>Sample No.</i>	Valor Max. De penetración % <i>Max. value of penetration</i>
1	0,8
2	1,0
3	0,8

**Requisitos que deben cumplirse según la RfU PPE-R/02.075.02**

*Requirements to be met according to RfU PPE-R/02.075.02*

**Máxima penetración de cloruro sódico del material filtrante:**

*Maximum penetration to the sodium chloride of the filter material:*

Clasificación(*) <i>Classification(*)</i>	95l/min %Max
FFP2	6
FFP3	1

**CLASIFICACIÓN FFP3**



## Aprobado Por MICROTEST

No.	Test Items	Spec Chapter	Requirements	Test Data	Asses sment
1	Penetration of filter material	7.9.2	Sodium chloride test 95l/min:FFP1≤20%,FFP2≤6%, <b>FFP3≤1%.</b> Paraffin oil test 95l/min:FFP1≤20%,FFP2≤6%, <b>FFP3≤1%.</b>	Test results are shown in Annex A Table 7.9.2.	Pass

## FILTRACIÓN

## CUMPLE CLASIFICACIÓN FFP3

Aerosol	Condition	Sample No.	Average penetration after 3min (%)	Maximum penetration during exposure (%)
Sodium chloride test Aerosol concentration: 11 mg/m <sup>3</sup>	As received	1#	0.36	/
		2#	0.06	/
		3#	0.05	/
	Simulated wearing treatment	4#	0.01	/
		5#	0.01	/
		6#	0.01	/
	Mechanical strength+ Temperature conditioned	7#	/	0.24
		8#	/	0.16
		9#	/	0.17
Paraffin oil Test Aerosol concentration: 23 mg/m <sup>3</sup>	As received	10#	0.46	/
		11#	0.14	/
		12#	0.11	/
	Simulated wearing treatment	13#	0.08	/
		14#	0.02	/
		15#	0.07	/
	Mechanical strength+ Temperature conditioned	16#	/	0.43
		17#	/	0.28
		18#	/	0.39

**Aprobado Por MICROTEST**

2	Breathing resistance	7.16	Inhalation 30 l/min: FFP1 ≤ 0.6 mbar, FFP2 ≤ 0.7 mbar, <b>FFP3 ≤ 1.0 mbar.</b> Inhalation 95 l/min: FFP1 ≤ 2.1 mbar, FFP2 ≤ 2.4 mbar, <b>FFP3 ≤ 3.0 mbar.</b> Exhalation 160 l/min: FFP1 ≤ 3.0 mbar, FFP2 ≤ 3.0 mbar, <b>FFP3 ≤ 3.0 mbar.</b>	Test results are shown in Annex A Table 7.16.	Pass
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**RESISTENCIA RESPIRATORIA**

**CUMPLE**

**CLASIFICACIÓN FFP3**

	Flow rate	19#					20#					21#					
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
As received	Inhalation	30 l/min	0.44	0.45	0.45	0.46	0.46	0.45	0.46	0.46	0.45	0.44	0.45	0.45	0.45	0.46	0.46
		95 l/min	1.35	1.35	1.36	1.36	1.37	1.37	1.38	1.37	1.37	1.36	1.38	1.40	1.39	1.39	1.38
	Exhalation	160 l/min	2.58	2.59	2.59	2.60	2.60	2.62	2.61	2.61	2.62	2.63	2.60	2.60	2.60	2.61	2.62
	Flow rate	22#					23#					24#					
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
Simulated Wearing treatment	Inhalation	30 l/min	0.39	0.39	0.40	0.39	0.38	0.38	0.39	0.38	0.38	0.37	0.38	0.37	0.37	0.38	0.39
		95 l/min	1.26	1.25	1.26	1.26	1.27	1.27	1.26	1.26	1.27	1.28	1.28	1.29	1.29	1.30	1.30
	Exhalation	160 l/min	2.49	2.50	2.50	2.49	2.48	2.50	2.50	2.51	2.51	2.52	2.52	2.54	2.53	2.53	2.52
	Flow rate	25#					26#					27#					
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
Temperature conditioned	Inhalation	30 l/min	0.39	0.40	0.39	0.39	0.38	0.38	0.38	0.39	0.39	0.40	0.37	0.38	0.38	0.39	0.40
		95 l/min	1.28	1.28	1.29	1.29	1.29	1.27	1.26	1.27	1.28	1.28	1.29	1.30	1.30	1.30	1.31
	Exhalation	160 l/min	2.49	2.49	2.50	2.50	2.51	2.51	2.52	2.53	2.52	2.51	2.50	2.49	2.50	2.51	2.51