



Partikel-filtrierende Atemschutzmaske

**FFP2 NR**

Verordnung (EU) 2016/425  
Nicht-medizinisch



Einstellbarer Nasenclip  
Einstellbarer Nasenclip  
Bessere Dichtheit  
Geringer Atemwiderstand  
Schutz  
EN 149:2009 FFP2 NR

10  
pcs

CE 0598

● **Gebrauchsanweisung**

- 1 Halten Sie die Masken über Nase und Mund.
- 2 Legen Sie die Ohrschlaufen hinter die Ohren.
- 3 Drücken Sie den Nasendip an der Oberseite der Maske an die Wangen, um eine gute Abdichtung zu erzielen.
- 4 Prüfen Sie den korrekten Sitz, indem Sie beide Hände über die Maske halten und atmen Sie kräftig. Falls Luft an den Seiten oder der Oberseite austritt, passen Sie Ohrschlaufen oder Nasendip an, bis die Abdichtung ordnungsgemäß ist.
- 5 Nur eine ordnungsgemäße Abdichtung kann die vollständige Schutzwirkung der Maske gewährleisten.



**Certification of Approval**

Product Name: Particle Filtering Half Mask (Non-Medical Face Mask)

Model & Specification: CHJW-2020 FFP2 NR

Material Composition: Double 52g non-woven fabric, 25g melt-blown fabric

40g hot air cotton

Product Quantity: 1 Piece/Pack

Executive Standard: EN 149:2001+A1:2009

Batch Code: 20210115

Date of Manufacture: 2021.01.15

Use-by Date: 2023.01.14

Validity: 24 Months

Inspector: 01

\*For more information please refer to the instruction on the package\*

Address: No. 29-40, Jianglong Village, Shiwu Town, Cangqian County, Wenzhou City,

Zhejiang Province, CHINA

Manufacturer: Cangqian County Jiahe Bag Making Factory

Tel: 0577-8448888

Made in China

	Datum abgelaufen/ Date expired
	Herstellungsdatum/ Date of manufacture
<b>LOT</b>	Chargennummer/ Batch code
	Nicht wiederverwenden/ Do not reuse
	Siehe die Angaben des Herstellers/ See the information supplied by the manufacturer
	Maximale relative Luftfeuchtigkeit/ Maximum Relative Humidity
	Temperaturbereich/ Temperature range
	Hersteller/Manufacturer



**CE 0598**



## Atenschutzmaske

EN 149:2001+A1:2009 FFP2 NR

Adresse: No. 39-40, Xiangdong Village, Qianku Town, Cangnan County, Wenzhou City,  
Zhejiang Province CHINA

Hersteller: Cangnan County Jiawei Bag Making Factory

Tel: 0577-64486858

Europäischer Importeur | European importer:

LTZ Industrieservice GmbH  
Offerdinger Strasse 35  
7216 Mössingen  
Germany

CE 0598

1pc

# Atenschutzmaske

## Benutzeranleitung:

Die Nichtbeachtung der Anweisungen und Warnungen zur Verwendung dieser Maske kann die Wirksamkeit der Maske beeinträchtigen.

Vor dem Gebrauch sollte stets überprüft werden, ob sich die Maske in einem einwandfreien Zustand befindet und diese keine Verschmutzungen oder Beschädigungen aufweist.

## Einschränkungen:

Verwenden Sie unter folgenden Umständen die Atemschutzmaske nicht bzw.

halten Sie sich von kontaminierten Bereichen fern:

A: die Raumluft enthält weniger als 19,5% Sauerstoff

B: Sie riechen oder schmecken Verunreinigungen

C: zum Schutz vor Gasen oder Dämpfen

D: Verschmutzungen oder deren Konzentrationen sind unbekannt oder unmittelbar lebens- und gesundheitsgefährdend

E: zum Sandstrahlen, Sprühen und zur Asbestbehandlung

F: in explosionsgefährdeten Bereichen

## Warnungen:

1. Die mit „NR“ gekennzeichnete Maske darf nicht länger als eine Schicht verwendet werden.
2. Ersetzen oder ändern Sie niemals Teile in der vom Hersteller produzierten Maske. Auch vom Hinzufügen sämtlicher Teile ist abzusehen.
3. Diese Maske schützt vor der Übertragung von bestimmten Partikeln, schließt jedoch das Risiko einer Krankheit oder Infektion nicht vollständig aus.
4. Wenn das Gesichtshaar unter der Gesichtsversiegelung verläuft, kann die Maske nicht den gewünschten Schutz bieten.
5. Wechseln Sie die Maske sofort, wenn Ihnen das Atmen schwer fällt, die Maske beschädigt oder verunreinigt ist.
6. Wechseln Sie die Maske, wenn keine ordnungsgemäße Abdichtung erreicht werden kann.

## Lagerung:

1. Bewahren Sie die Maske in einem verschlossenen Behälter auf, wenn Sie diese nicht verwenden.
2. Bewahren Sie die Maske während des Transports in der Originalverpackung auf.

Adresse: No. 39-40, Xiangdong Village, Qianku Town, Cangnan County, Wenzhou City,

Zhejiang Province CHINA

Hersteller: Cangnan County Jiawei Bag Making Factory

Tel: 0577-64488058

## Europäischer Importeur / European Importer:

LTZ Industrieservice GmbH

Offenberger Strasse 35

72118 Mössingen

Germany





CNJW-2020 FFP2 NR

CE 0598

EN149:2001+A1:2009



Certificate F120/967675

## Cangnan County Jiawei Bag Making Factory

No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, 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 15 December 2020 until 15 December 2025  
1. Certified since 15 December 2020

Authorised by

  
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Finnish Accreditation Service  
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SGS FIMKO OY, Notified Body 0598

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Certificate CN20/42715

The management system of

# Cangnan County Jiawei Bag Making Factory

No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China

has been assessed and certified as meeting the requirements of

## Regulation (EU) 2016/425 Module C2

For the following activities

**Manufacture of JW (logo) CNJW-2020 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 22 December 2020 and remains valid subject to satisfactory surveillance audits.  
Issue 1. Certified since 22 December 2020

Authorised by

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尊敬的客户：

Dear Client,

我们很高兴通知您，贵司的证书已经颁发。证书的电子版本请见附件，纸质原件已寄送。

We are glad to inform you that, your certificate has finally issued. Attached is the e-copy of the certificate, while the paper certificate is delivered by express.

根据 PPER 法规第 16、17 条款对于 CE mark 的使用说明，您现在可以在产品及包装上使用 CE 0598 标识。

According to the PPER Article 16, 17 which are the instruction of CE mark use. You can have CE marked on your product and package.

作为制造商，根据 PPER 法规要求，您取得 C2 证书后 6 个月内需开始生产并接受现场审核或转 module D 证审核，否则 C2 证书会暂停直至失效。

As a legal manufacture, according to the requirement of PPER, you should accept the first on site audit within 6 months of issue of the C2 certificate (following issue of the first Module B certificate). If production has not started during the 6 months, the certificate should be suspended.

最后，我们借此机会衷心祝贺您的产品获得认证，并期待于贵司保持长期和成功的合作关系。

Finally, we would like to take this opportunity to congratulate you on your product certification and look forward to your long-term and successful cooperation.

通标标准技术服务有限公司

SGS CSTC Standards Technical Services Co., Ltd.

个人防护认证团队

PPE Certification Team

2020 年 11 月

November 2020



扫描全能王 创建

# Cangnan County Jiawei Bag Making Factory

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

Issue 1

PPE Product

JW (logo) CNJW-2020 particle filtering half mask, consisting of a white five layer (polypropylene/ polypropylene/ polypropylene / polypropylene / polypropylene) disposable face mask, with nose clip and nylon/ spandex ear loop.

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:

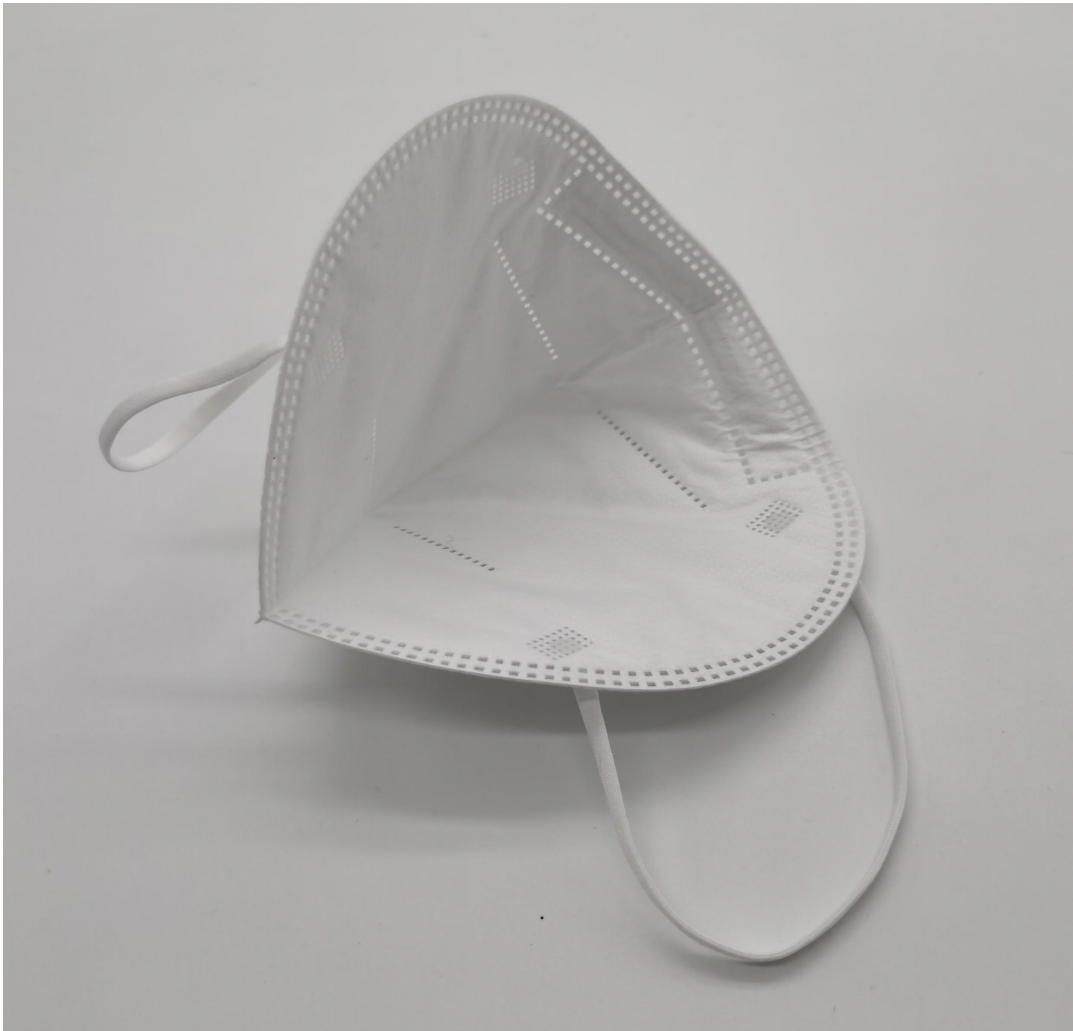
Face mask / CNJW-2020, version1, dated: 2020-10-20.

SGS Reference Number UK/CRS 242444.


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









A large, brown cardboard box is shown from a three-quarter perspective. The box is sealed with clear packing tape along the top edges. A shipping label is affixed to the front face of the box. The label contains the alphanumeric code 'JW-20200728'. The box is resting on a light blue carpeted floor. In the background, other cardboard boxes and white plastic bags are partially visible.

**JW-20200728**

Certificate FI20/967675

# Cangnan County Jiawei Bag Making Factory

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Certificate F120/967675, continued

# Cangnan County Jiawei Bag Making Factory

## Regulation (EU) 2016/425

Module B, EU type-examination

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# Cangnan County Jiawei Bag Making Factory

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Issue 1

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Certificate CN20/42715

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CANGNAN COUNTY JIAWEI BAG MAKING FACTORY  
NO.39-40, XIANGDONG VILLAGE, QIAN KU TOWN, CANGNAN COUNTY, WENZHOU CITY, ZHEJIANG PROVINCE

**THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO.SL52035285157101TX DATE: 2020-08-26 ISSUED BY SGS (Shanghai) UPDATED SAMPLE INFORMATION.**

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

Sample Description : (A) Disposable preventive mask

SGS Internal Ref.No. : CP20-040466

Sample Color : (A) WHITE

Item No. : Melt-blown fabric

Model No. : CNJW-2020

Manufacturer : CANGNAN COUNTY JIAWEI BAG MAKING FACTORY

Supplier : CANGNAN COUNTY JIAWEI BAG MAKING FACTORY

Other Info. : Batch No.: 20200728, Specifications: CNJW-2020

Material quality : double S25g non-woven fabric, 25g melt-blown fabric, 40g hot air cotton

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

Sample Receiving Date : Aug 06, 2020

Testing Period : Aug 06, 2020 - Aug 26, 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).

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 (Account Executive)

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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



**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.	No sharp edges or burrs	Pass

**Clause 7.9.1 Total Inward Leakage**

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

Test Requirement	Results	Comment
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  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	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.	6.65	6.19	6.60	5.87	5.15	6.09
Luo	2	A.R.	7.48	5.51	7.86	7.31	7.35	7.18
Lu	3	A.R.	5.12	4.78	7.51	6.19	7.09	6.14
Wang	4	A.R.	5.35	4.47	6.78	4.35	5.02	5.19
Bao	5	A.R.	7.91	7.42	7.40	6.96	6.36	7.21
Ding	6	T.C.	5.00	5.89	5.24	5.55	5.66	5.47
Li	7	T.C.	6.19	8.23	7.14	8.33	7.79	7.54
Chen	8	T.C.	7.40	4.43	6.20	4.95	5.27	5.65
Song	9	T.C.	7.16	5.84	6.89	7.13	6.25	6.65
Ye	10	T.C.	7.42	8.18	6.61	8.87	6.77	7.57

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

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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 &amp; 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	Paraffin oil test 95 l/min		
	% max.	% 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	0.526
		2	0.434
		3	0.472
	Simulated wearing treatment	4	0.503
		5	0.468
		6	0.452
	Mechanical strength + Temperature conditioned	7	1.234
		8	1.346
		9	1.174
Paraffin oil test	As received	10	0.512
		11	0.557
		12	0.607
	Simulated wearing treatment	13	0.532
		14	0.587
		15	0.519
	Mechanical strength + Temperature conditioned	16	2.374
		17	2.264
		18	2.472
Flow conditioning: Single filter: 95.0 L/min			



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**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	0.4640
	2	0.4637
	3	0.4625
		Mean value: 0.46



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**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	



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**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)

	Flow rate(l/min)	1					2					3					
		A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	
As received	Inhalation	30	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.5
		95	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.5
	Exhalation	160	2.7	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.8	2.8	2.7	2.7	2.8	2.7
Simulated wearing treatment	Inhalation	30	0.5	0.5	0.4	0.4	0.3	0.4	0.3	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.5
		95	1.6	1.5	1.6	1.6	1.6	1.5	1.6	1.5	1.6	1.6	1.5	1.6	1.5	1.6	1.5
	Exhalation	160	2.7	2.7	2.8	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.8	2.8	2.7	2.8
Temperature conditioned	Inhalation	30	0.4	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.5	0.4
		95	1.4	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.5	1.4	1.5
	Exhalation	160	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.7	2.7	2.8	2.8	2.7

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



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**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>  <u>Valved particle filtering half masks:</u>                      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 continuous flow.</p> <p><u>Valveless particle filtering half masks:</u>                      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>                      All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements.</p> <table border="1"> <thead> <tr> <th rowspan="3">Classification</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> </thead> <tbody> <tr> <td></td> <td>max.</td> <td>max.</td> </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> </tbody> </table>	Classification	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		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%

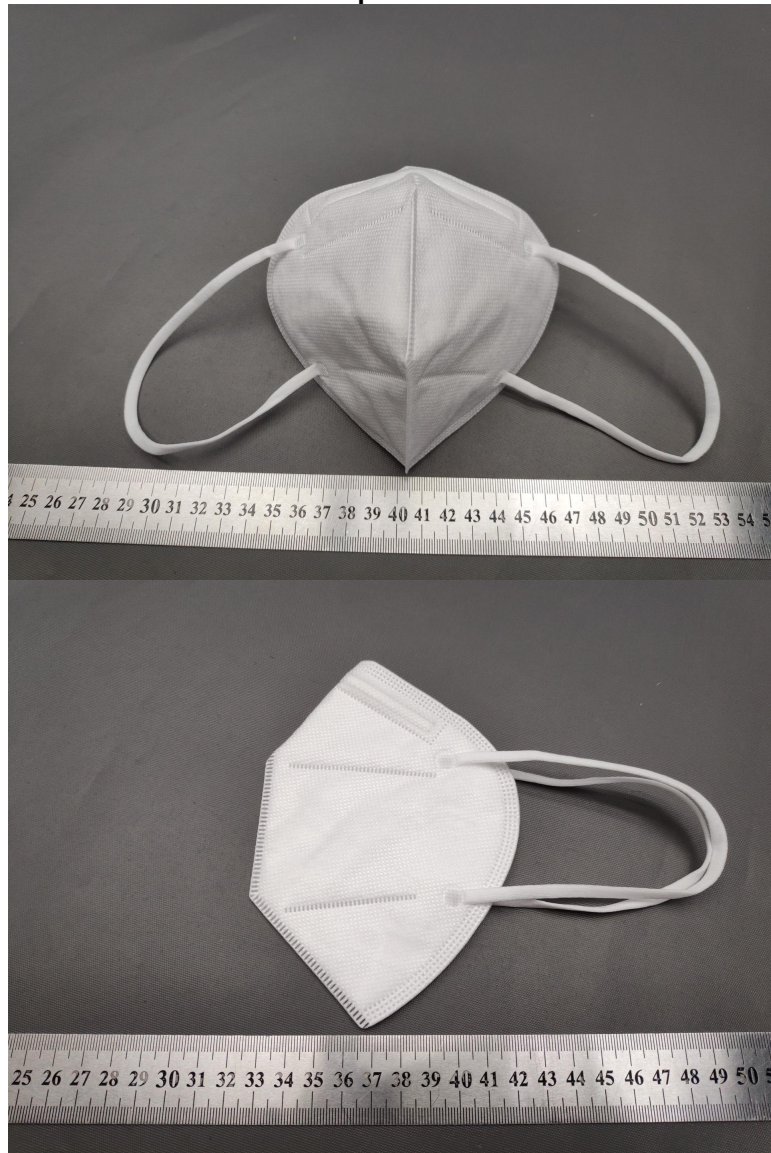


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Sample Photo



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



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**Documentation No.:** *Face mask / CNJW-2020*

**Creation Date:** *2020-12-14*

**Revision No.:** *Version 2*

**Revision Date:** /

# Technical File to comply with the requirements of the Personal Protective Equipment Regulation (EU) 2016/425

Respiratory protective devices - Filtering half masks to protect against particles

EN 149:2001 +A1:2009


**Section 1**

Section	Contents
1	<u>Contents</u>
2	<u>Applicant/Manufacture &amp; Product General Information</u>
3	<u>Product Specifications</u>
4	<u>Manufacture Information</u> <u>(Sequence of Manufacture &amp; Quality Control Procedure)</u>
5	<u>Essential Health and Safety Requirements</u>
6	<u>Manufacturer's Instructions and Information</u>
7	<u>Markings</u>
8	<u>Test Reports</u>
9	<u>Declaration of Conformity</u>
10	<u>Declaration of Material Innocuousness</u>

**Section 2**

**Applicant/Manufacture & Product General Information**

1. Manufacturer General Information

Manufacturer Name	Cangnan County Jiawei Bag Making Factory
Manufacturer Address	No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China
Supplier/Factory Name	Cangnan County Jiawei Bag Making Factory
Supplier/Factory Address	No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China
Destination Country	European countries
Brand name	 "JW"

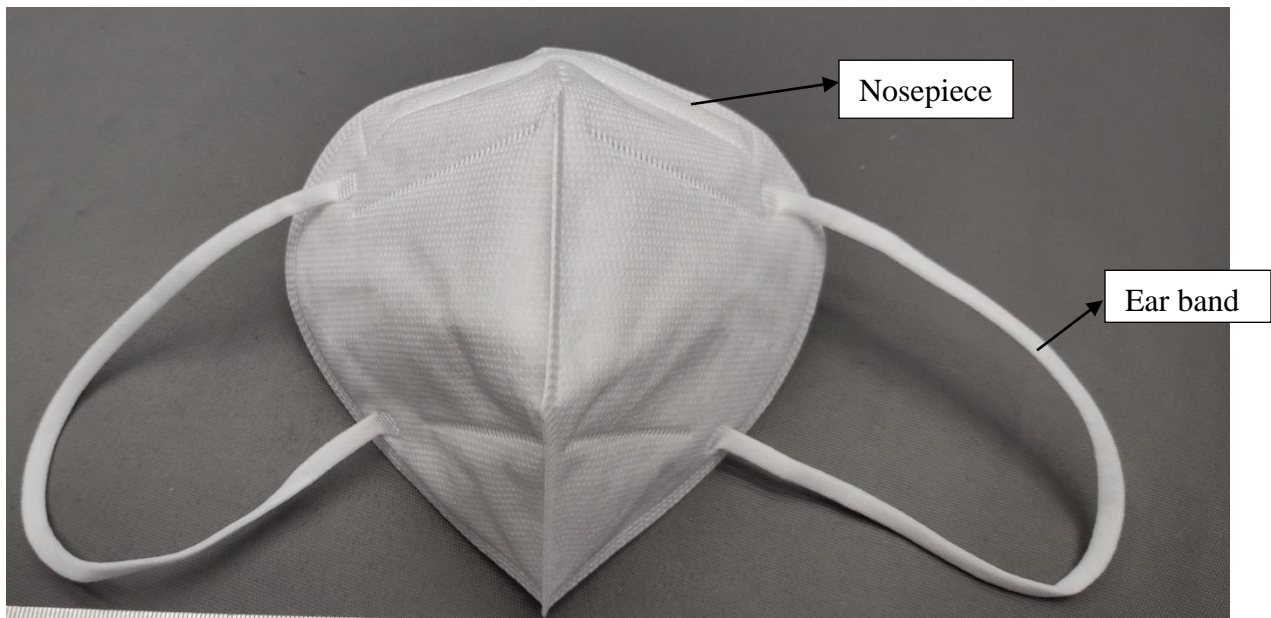
**Section 3**

**Product Specifications**

1. Product General Information

Description of products	Face mask
Products Colour	WHITE
Product style/order No	CNJW-2020
Product Type	Non-reusable, folded, particle filtering half mask
Standard	EN 149:2001+A1:2009
Classification	FFP2 NR

2. Product Photograph(s)







## Product Details

Outer Layer 1: 100% polypropylene non-woven fabric, white, 50gsm Middle

Layer 2: 100% polypropylene hot air cotton, white, 50gsm

Middle Layer 3: 100% polypropylene melt-blown fabric, white, 25gsm

Middle Layer 4: 100% polypropylene melt-blown fabric, white, 25gsm

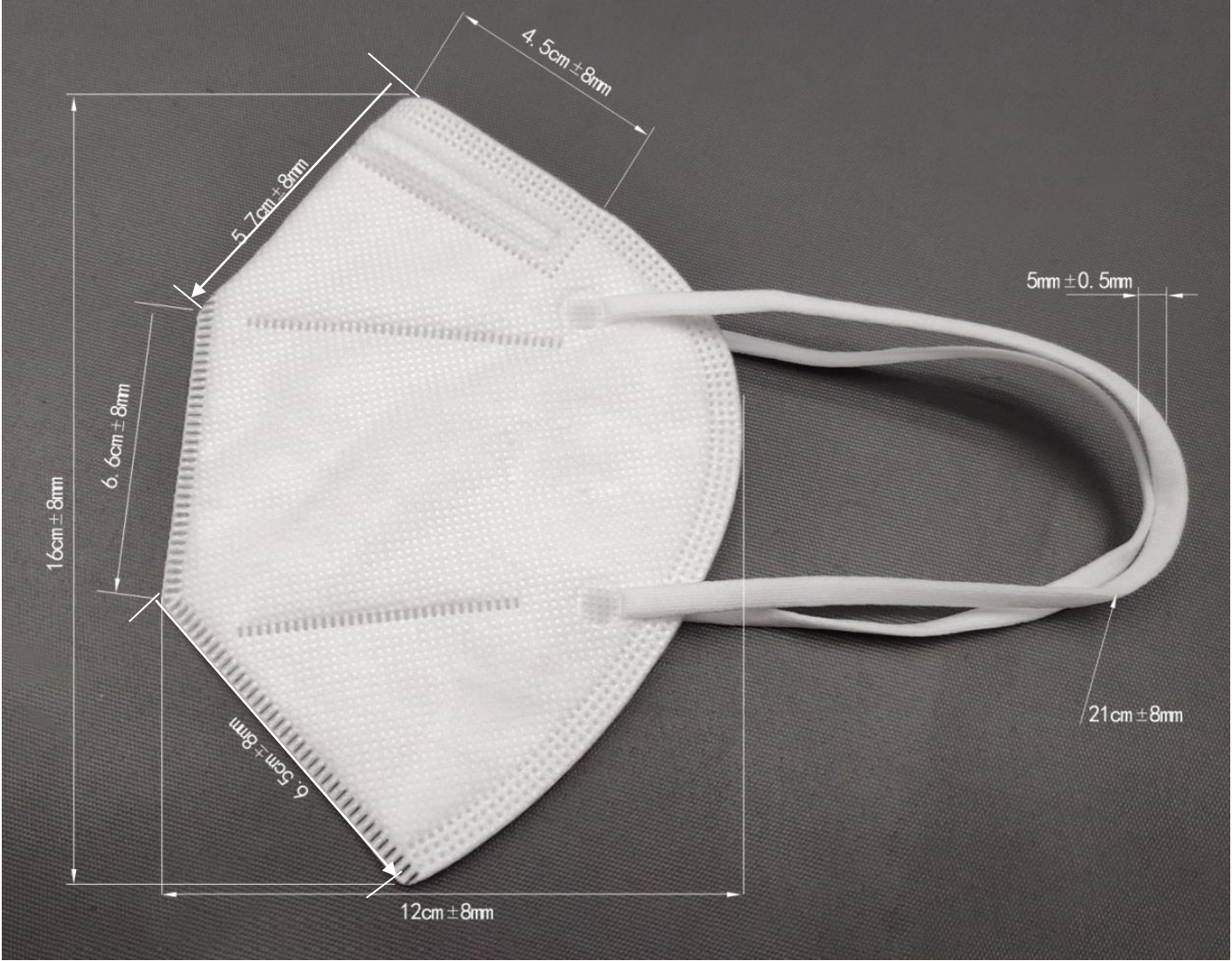
Inner Layer 5: 100% polypropylene non-woven fabric, white, 25gsm



## 3. Parts List

Parts	Components	Supplier name and address
Filtering facepiece	Out layer (first layer): 50g/m <sup>2</sup> 100%Polypropylene non-woven fabric white color	Wenzhou Yuzhe Technology Co., Ltd. No.35 of Taoyuan Road, Xiaojiang Town, Pingyan County, Wenzhou City, Zhejiang Province, China
	Second layer: 50 g/m <sup>2</sup> 100% polypropylene hot air cotton, white color	Wenzhou Yinfeng Fibre Products Co., Ltd. No. 1 of Daqiao Industrial Are, Canna County, Wenzhou City, Zhejiang Province, China
	Middle Layer (third layer): 25 g/m <sup>2</sup> 100% polypropylene melt-blown fabric, white color	Qingdao Guoen Meltblown Industry Co., Ltd. No.2 Road of Qingda Industrial Park, Jihongtang Street, Chengyang District, Qingdao City, Shangdong Province, China.
	Fourth layer: 25 g/m <sup>2</sup> 100%polypropylene melt-blown fabric, white color	Qingdao Guoen Meltblown Industry Co., Ltd. No.2 Road of Qingda Industrial Park, Jihongtang Street, Chengyang District, Qingdao City, Shangdong Province, China
	Inside layer (fifth layer): 25 g/m <sup>2</sup> 100%Polypropylene non-woven fabric white color	Wenzhou Yuzhe Technology Co., Ltd. No.35 of Taoyuan Road, Xiaojiang Town, Pingyan County, Wenzhou City, Zhejiang Province, China
Ear band	85%nylon, 15%Spandex white color	Pingyang County Jinyu Textile Co., Ltd. No.1-5, Building 11, Xinya Garden, Xinya Village, Mabu Town, Pingyang County, Wenzhou City, Zhejiang Province, China.
Nosepiece	40% polypropylene + 60% iron wire white color	Yiwu City Fengxing Technology Co., Ltd. 1/F, No. 70, Xiazhang Village, Fotang Town, Yiwu City, Zhejiang Province, China.

4. Product(s) Dimension

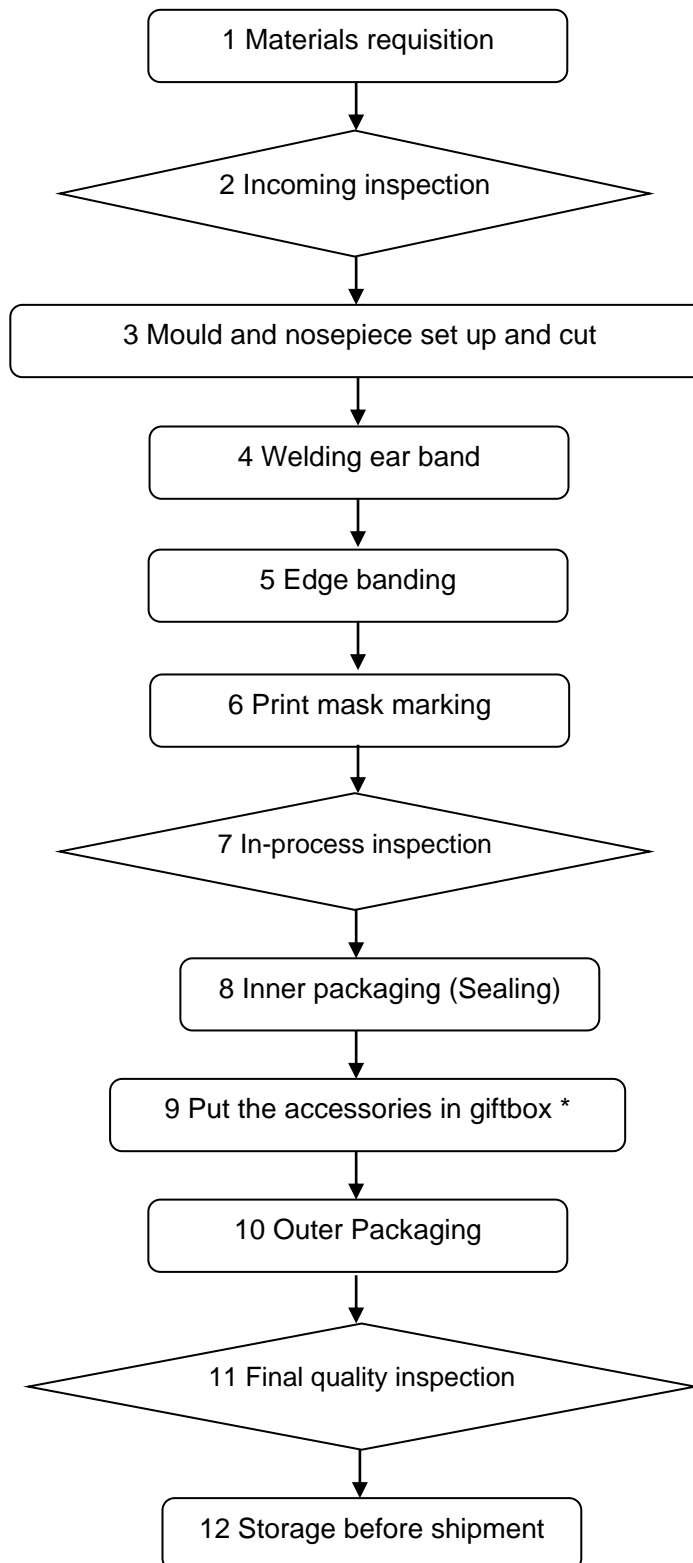


Nosepiece: L=82mm±5mm, W=5mm±0.5mm

**Section 4**

**Manufacture Information**

1. Sequence of Manufacture



Remark: \* means: the accessories including as user information and 10pcs masks/ giftbox.  
Packaging: Each one by inner packaging, 10 inner packaging in one giftbox

## 2. Quality Control Procedure

No.	Procedure	Quality Control
1	Raw material control	The 3rd party testing under EN 149 report should be submitted for the filter materials. Supplier should also submit the "Declaration of Innocuousness" of raw materials. Bulk production products will be sent to 3rd party lab to retest EN 149, from batch to batch/year to year to ensure performance. Rework the problem goods. Make sure all the goods are in good quality.
2	In house lab testing	The basic testing e.g. Penetration of filter material, breathing resistance will be checked by own lab. The test method is EN 149. Reject the raw materials and products if they cannot meet the minimum requirement.
3	Mould and cut	Mould and cut as per the specification, make sure the working site is clear to avoid pollution.
4	Nosepiece set up	Set up the nosepiece and check the strength of the attachment. Adjust the procedure if any failure.
5	Seal the ear band	The ear band should be sealed with durability. For tensile test of the samples, each ear band of the folding mask must conform to the requirements. No slippage or fracture shall occur when each ear band bear the tension of 10N and 10S. And take notes.
6	Breath Inspiratory resistance, filtration efficiency	Check reference to EN 149, Breath resistance and filtration efficiency meet the product specification. Filtration efficiency is the most critical index of masks, once there is an unqualified situation, immediately seal this batch of goods, is strictly prohibited to send to the customer. Analyse the causes and find solutions.
7	Total inward leakage	Total inward leakage is the critical criteria for final respirator, bulk production respirator will be sent to 3rd party lab to test TIL according to EN 149 from each year.
8	Appearance inspection	the basic structure, surface and parts of the product shall be inspected in detail, and all information provided by the manufacturer shall be complete.
9	Ergonomics	The QC will carry out the fitting test for the final products. Make sure the fitting is correct.
10	Packaging	check the outgoing products against the production specifications to see if the packaging method is correct. Including pp bag, color box, outer box and packing quantity is correct.
11	Identification	check whether the name, trademark, model, production date and other information is complete and correct.
12	Finished product inspection report	all inspections must be conducted according to the requirements and the finished product inspection report must be filled in. Place in the specified area.

**The Third Party Tests**

Material performance and final products performance (especially the filtration efficiency, breathability, Total inward leakage) will be carried out batch to batch/year to year by an external independent ISO 17025 accredited test house (or equivalent). See Section 8: Test reports.

**Section 5****Essential Health and Safety Requirements**

In accordance with Personal Protective Equipment Regulation (EU) 2016/425 - Annex II

Essential Health and Safety Requirements of Regulation (EU) 2016/425, Annex II	Clause of EN149:2001+A1:2009 And Section of this Technical File
1. General requirements applicable to all PPE (PPE must provide adequate protection against the risks against which it is intended to protect)	See section 6, Manufacturer`s Instructions and Information
1.1. Design principles	-
1.1.1. Ergonomics	5, 7.7, 7.9
1.1.2. Levels and classes of protection	See section 2, Product Specifications
1.1.2.1. Optimum level of protection possible	5, 7.7, 7.9, 7.12
1.1.2.2. Classes of protection appropriate to different levels of risk	7.9
1.2. Innocuousness of PPE	-
1.2.1. Absence of inherent risk and other nuisance factors	7.6; 7.12; 7.14; 7.16
1.2.1.1. Suitable constituent materials	7.5; 7.6; 7.7; 7.10; 7.11
1.2.1.2. Satisfactory surface conditions of all PPE parts in contact with the User	7.7; 7.8
1.2.1.3. Maximum permissible user impediment	7.7; 7.14
1.3. Comfort and effectiveness	-
1.3.1. Adaptation of PPE to user morphology	7.7
1.3.2. Lightness and design strength	7.4; 7.5; 7.7
1.3.3. Compatibility of different classes or types of PPE designed for simultaneous use	N/A
1.3.4. Protective clothing containing removable protectors	N/A
1.4. Manufacturer`s instructions and information	10
2. Additional Requirements Common to Several Types of PPE	-
2.1. PPE incorporating adjustment systems	7.13
2.2. PPE enclosing the parts of the body to be protected	N/A
2.3. PPE for the face, eyes and respiratory system	7.14
2.4. PPE subject to ageing	7.6; 9; 10
2.5. PPE which may be caught up during use	N/A
2.6. PPE for use in potentially explosive atmospheres	10
2.7. PPE intended for rapid intervention or to be put on or removed	N/A

Essential Health and Safety Requirements of Regulation (EU) 2016/425, Annex II	Clause of EN149:2001+A1:2009 And Section of this Technical File
rapidly	
2.8. PPE for intervention in very dangerous situations	10
2.9. PPE incorporating components which can be adjusted or removed by the user	7.13; 7.18
2.10. PPE for connection to complementary equipment external to the PPE	N/A
2.11. PPE incorporating a fluid circulating system	N/A
2.12. PPE bearing one or more identification markings or indicators directly or indirectly relating to health and safety	9
2.13. PPE capable of signaling the user's presence visually	N/A
2.14. 'Multi-risk' PPE	N/A
3. Additional Requirements Specific to Particular Risks	-
3.1. Protecting against mechanical impact	-
3.1.1. Impact caused by falling or ejected objects and collision of parts of the body with an obstacle	N/A
3.1.2. Falls	N/A
3.1.2.1. Prevention of falls due to slipping	N/A
3.1.2.2. Prevention of falls from a height	N/A
3.1.3. Mechanical vibration	N/A
3.2. Protection against static compression of a part of the body	N/A
3.3. Protection against mechanical injuries (abrasion, perforation cuts, bites)	N/A
3.4. Protection in liquids	-
3.4.1. Prevention of drowning	N/A
3.4.2. Buoyancy aids	N/A
3.5. Protection against the harmful effects of noise	N/A
3.6. Protection against heat and/or fire	-
3.6.1. PPE constituent materials and other components	N/A
3.6.2. Complete PPE ready for use	N/A
3.7. Protection against cold	-
3.7.1. PPE constituent materials and other components	N/A
3.7.2. Complete PPE ready for use	N/A

Essential Health and Safety Requirements of Regulation (EU) 2016/425, Annex II	Clause of EN149:2001+A1:2009 And Section of this Technical File
3.8. Protection against electric shock	-
3.8.1. Insulating equipment	N/A
3.8.2. Conductive equipment	N/A
3.9. Radiation protection	-
3.9.1. Non-ionising radiation	N/A
3.9.2. Ionising radiation	N/A
3.9.2.1. Protection against external radioactive contamination	N/A
3.9.2.2. Protection against external irradiation	N/A
3.10. Protection against substances and mixtures which are hazardous to health and against harmful biological agents	-
3.10.1. Respiratory protection	7.6; 7.7; 7.8; 7.9; 7.12; 7.16; 7.17; 9; 10
3.10.2. Protection against cutaneous and ocular contact	N/A
3.11. Diving equipment	N/A



## **Section 6**

### **Instruction for use**

Please read this User Information Sheet carefully before using this product. This product complies with the requirements of EU Regulation (EU) 2016/425 for Personal Protective Equipment and meets the requirements of European standard EN 149:2001+A1:2009.

### **CHECK PRIOR TO USE**

The respirator must be selected properly for intended application. An individual risk assessment must be evaluated. Check the respirator that it is undamaged with no visible defects. Check that the expiry date has not been reached (see the packaging). Check the protection class (FFP1 NR/ FFP2 NR/ FFP3 NR) is appropriate for the product used and its concentration. Do not use the mask if a defect is present or the expiry date has been exceeded.

### **INTEND USE OF THIS PPE:**

These devices are designed to protect against both solid and liquid aerosols. And be used in industries such as Textile, abattoirs, metallurgy, construction, iron and steel industries, etc. To Protects against dusts, mists and fumes containing calcium carbonate, clay, kaolin, cellulose, cotton, flour, ferrous metals, vegetal and mineral oils, metal-working fluids.

### **THIS PRODUCT IS DESIGNED TO PROTECTIVE AGAINST THE RISKS:**




<b>Risk</b>	<b>Standard Clause</b>	<b>Assessment method</b>
Penetration of particle	EN 149:2001+A1:2009, clause 7.9.1 and 7.9.2	Total inward leakage test, Penetration of filter material

### **APPLICATION/ LIMITATIONS**

This respirator is suitable for use in protection against the non-toxic solid and liquid aerosols. Do not use out of the scope of use defined in the warnings. Failure to properly use this product may result in serious health damage or death.

**FFP2 NR:** Filter Efficiency 94%; Allocated Protection Factor (FPA) is 10, Examples of applications are Sanding of soft wood, composite materials, rust, putty, plaster, plastics / cutting, deburring, grinding, drilling of metal.

**EXPLANATION OF MARKING**

Marking	Description on label	Explanation
		Brand name
	CNJW-2020	Type-identifying marking, style No
	EN 149:2001+A1:2009	Number of European standards
	FFP2 NR	Classification Filter Efficiency 94%, non reusable
		CE marking & notified body number

**EASY TO USE/DONNING AND FITTING**



1  
Keep the front outside, and hang ear band over ears.

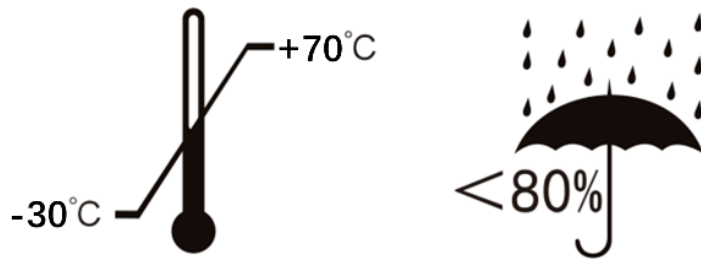
2  
Close to the face, and stretch the mask until it fully covers the nose mouth and chin.



3  
Adjust the nosepiece and press it, and keep it closely to nose and face.

4  
To check fit, cup both hands over the mask and exhale vigorously. If air flows around nose, tighten the nosepiece. If air leaks around the edge, reposition the ear band for better fit. Re-check the seal and repeat the procedure until the mask is sealed properly.

**TEMPERATURE AND HUMIDITY RANGE OF STORAGE CONDITION**



**END OF SHELF LIFE**



2022/06

**Date of manufacture: 2020/07/28**

**WARNINGS**

1. Failure to follow all instructions and limitations on the use of this product, or failure to achieve proper fit, may result in damage to your health or death or will not provide the expected level of protection
2. This product does not supply oxygen. Use only in adequately ventilated areas containing sufficient oxygen to support life. Do not use this respirator when the oxygen concentration is less than 19.5%.
3. Do not use when concentrations of contaminants are immediately dangerous to health or life. Do not use this product in an explosive atmosphere.
4. Facial hair, beards and certain facial characteristics may reduce the effectiveness of this respirator.
5. "NR" means non reusable, this particle filtering half mask shall not be used for more than one shift.

The length of time this respirator can be used depends on contaminants present but should not exceed one shift. The respirator should be replaced sooner if breathing becomes difficult.

6. Respirator should be discarded after use or when it becomes damaged or deformed in any way; no longer forms an effective seal to the face; becomes wet or visibly dirty; breathing becomes difficult.
7. The respirators must be stored and transported in their original package and protected

by the storage temperature and humidity as suggested by the manufacturer.

**Manufacturer:** Cangnan County Jiawei Bag Making Factory

Address: No. 39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China.

EU declaration of conformity can be accessed at: <http://www.cnxjwzdc.com/>

Detailed content of the Instructions and information notice is the responsibility for manufacture

**Made in China**



EU type-examination for Regulation (EU) 2016/425 by Notified Body Number: 0598

SGS Fimko Oy, Takomotie 8, FI-00380 Helsinki, Finland.

## **Section 7**

### **Markings**

#### 1. Product Marking

 **CNJW-2020**  
EN 149:2001+A1:2009  
**FFP2 NR**  **0598**

Remark: The height of the CE marking is 6.0mm.

#### 2. Package Marking

See Appendix A bag package.

See Appendix B giftbox package.

Height of CE marking in bag package is 10.0mm.

Height of CE marking in giftbox package is 16.0mm.

## **Section 8**

### **Test reports**

<b>Clause and Tests in EN 149</b>	<b>Test Report No.</b>
EN 149:2001+A1:2009	SL52035297133901TX

**Section 9**

**EU DECLARATION OF CONFORMITY**

**Manufacturer**

Name: Cangnan County Jiawei Bag Making Factory

Address: No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China

declares that the new PPE described hereafter

Description of products	Face mask
Product style/order No	CNJW-2020
Product colour and type	White, Non-reusable, folded, particle filtering half mask

are in conformity with the Regulation (EU) 2016/425 and with harmonized standard EN 149:2001 + A1:2009

SGS Fimko Oy

Takomotie 8, FI-00380 Helsinki, Finland

Notified Body No. 0598

performed the EU type-examination (Module B) and issued the EU type-examination certificate FI????

The PPE is subject to the conformity assessment procedure conformity to type based on internal production control plus supervised product checks at random intervals (Module C2) under surveillance of the notified body SGS Fimko Oy, Notified Body No. 0598.

Signed for on behalf of Company

Name: Yankun Xiang

Position: General manager

Signature: *yankunxiang*

Date: 10/20/2020



**Section 10**

**DECLARATION OF MATERIAL INNOCUOUSNESS**

The manufacturer or his authorized representative established in the Community:

Manufacturer: Cangnan County Jiawei Bag Making Factory

Address: No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China

declares that the materials which are coming into contact with the human skin and body used on the new PPE described hereafter

Product description:

Description of products	Face mask
Product style/order No	CNJW-2020
Product colour and type	White, Non-reusable, folded, particle filtering half mask

are known not to undergo appreciable alteration from contact with sweat or with substances likely to be found in toiletries and are known not to cause any harm to human skin and body.

Done at No.39-40, Xiangdong Village, Qian Ku Town, Cangnan County, Wenzhou City, Zhejiang Province, China

Signed for on behalf of Company

Name: Yankun Xiang

Position: General manager

Signature: 

Date: 10/20/2020

