



DIWAMEDICAL

**Sky Screen FFP2 NR**  
**Atemschutzmaske 8865**

## Technisches Datenblatt

### DIWAMEDICAL FFP2 NR Partikel-filtrierende Atemschutzmaske 8865

<b>Produkt-Bezeichnung</b>	DIWAMEDICAL Sky Screen FFP2 NR Partikel-filtrierende Atemschutzmaske 8865	
<b>Artikelnummer</b>	MSK-20136	
<b>EAN</b>	1 VE - 9120110220684 20 VE – 9120110220691	
<b>Zolltarif-Nummer</b>	63079098	
<b>Angewandte Norm</b>	DIN EN 149:2001 + A1:2009 -- Atemschutzgeräte (filtrierende Halbmasken zum Schutz gegen Partikel)	
<b>Klasse</b>	FFP2 = AGW(*) 10-fach (Nicht gegen: Partikel krebserzeugender oder radioaktiver Stoffe, luftgetragene biologische Arbeitsstoffe der Risikogruppe 3 sowie Enzyme) NR = nicht wiederverwendbar (non reusable) / nur für eine Arbeitsschicht nutzbar	
<b>Verwendung</b>	Schutz gegen feste und flüssige Partikeln mindergiftiger bzw. gesundheitsschädlicher Stoffe, ohne Ausatemventil	
<b>Farbe</b>	Weiß	
<b>Größe</b>	15,5 x 11,0 cm	
<b>Verpackung</b>	1000 Stück / Masterkarton	
<b>Unterverpackung</b>	20 Stück / Box	
<b>Maße</b>	20 Stück Box – 14,0 x 14,0 x 7,0 cm Masterkarton – 71,5 x 36,5 x 31,5 cm	
<b>Gewicht</b>	Masterkarton – 8,00kg	
<b>Palette Maße</b>	Höhe inkl. Holz	172cm
	Anzahl Masterkarton pro Palette	15 Stück
	Anzahl Masterkarton pro Lage	3 Stück
	Anzahl Lagen pro Palette	5 Lagen
<b>Verpackungsbestandteile</b>	Masterkarton – Wellpappe – PPK – 720g 20 Stück Box – Pappe – PPK – 30g Folie Einzelverpackung – HDPE – Kunststoff – 0,7g	
<b>Kennzeichnung</b>	Markenzeichen des Herstellers (Logo) Produkt-Bezeichnung mit Angabe der Schutzstufe Gültige Norm Gebrauchsanleitung CE-Kennzeichnung mit Kenn-Nummer des Prüfinstitutes (4-stellig) Informationen zur Prüfstelle und zum Hersteller Konditionen für die Lagerung	

(\*)Nach der Gefahrstoffverordnung (GefStoffV) ist der Arbeitsplatzgrenzwert (AGW) der Grenzwert für die zeitlich gewichtete durchschnittliche Konzentration eines Stoffes in der Luft am Arbeitsplatz in Bezug auf einen gegebenen Referenzzeitraum. Er gibt an, bis zu welcher Konzentration eines Stoffs akute oder chronische schädliche Auswirkungen auf die Gesundheit von Beschäftigten im Allgemeinen nicht zu erwarten sind



## Hersteller

Guangdong Golden Leaves Technology Development Co., Ltd.  
5 / F, Gebäude 1, Nr. 8, Qiaolonghe East Road, Tangxia  
Town Dongguan, Guangdong, 523730, China

## Notifizierte Stelle

CCQS Certification Services Limited  
Block1 Blanchardstown Corporate Park, Ballycoo in Raad,  
Blachardstown, Dublin15, D15 AKK1, Irland

## Importeur

H.M.S. Handel Marketing Service GmbH  
Gartenstraße 99  
AT-9851 Lieserbrücke

## Einsatzbereiche

FFP2 Masken schützen gegen gesundheitsschädliche Partikel auf Wasser- und Ölbasis, nicht jedoch gegen krebserzeugende Stoffe, radioaktive Partikel, luftgetragene biologische Arbeitsstoffe der Risikogruppe 3 und Enzyme.

Die Gesamtleckage (Undichtigkeit) beträgt maximal 8%, mindestens 94% der Schadstoffe werden aus der Luft gefiltert.

Typische Anwendungen für eine FFP2-Maske sind beispielsweise der Umgang mit Weichholz, Glasfasern, Metall, Kunststoffen (nicht PVC) und Ölnebel. Außerdem schützen sie vor:

- giftigem Staub
- Rauch
- atemwegsreizenden Flüssigkeiten
- atemwegsreizenden Feststoffen
- Bakterien der Risikogruppe 2
- Viren der Risikogruppe 2

## Zusatzinformationen zu den Einsatzbereichen, dem Verwendungszweck und der Risikobewertung

- Missachtung dieser Anweisungen oder falsche Anwendung können die Wirksamkeit der Maske reduzieren bzw. Erkrankungen oder dauerhafte Schäden zur Folge haben.
- Zur Auswahl der richtigen Maske konsultieren Sie eine entsprechende Sicherheitsfachkraft.
- Die Maske ist nur für den einmaligen Gebrauch bestimmt.
- Arbeiten Sie mit der Maske nur, wenn sie richtig sitzt.
- Die Maske soll ausschließlich zum Schutz gegen feste und flüssige Partikel (Feinstäube) eingesetzt werden. Kein Schutz vor Gasen, Giftstoffen, Dämpfen, Lösungsmitteln oder Sauerstoffarmut.
- Kein Einsatz, wenn Art und/oder Konzentration des Gefahrstoffes unbekannt sind.
- Kein Schutz bei Leckage, z.B. wenn sich Gesichtshaare im Bereich der Dichtlinie befinden (Bartträger).
- Keine Nutzung in explosionsgefährdeter Umgebung.
- Anwendung nur in ausreichend belüfteter Umgebung (Atmosphäre nicht weniger als 17% Sauerstoff).
- Maske nur im Original, ohne Veränderungen benutzen.
- Auswechseln der Maske bei Beschädigungen und starker Verschmutzung (hoher Atemwiderstand).
- Sofortiger Abbruch der Arbeit und Verlassen des Arbeitsplatzes bei Übelkeit, Schwindel oder Atemnot.



## Aufsetzanleitung

1. Nehmen Sie die Atemschutzmaske aus der Verpackung, falten Sie diese auf und ziehen Sie die Bänder in beide Richtungen auseinander. Prüfen Sie die Maske optisch auf Beschädigungen
2. Legen Sie die Atemschutzmaske so in die Hand, dass der Nasenbügel nach oben zeigt. Führen Sie nun die Atemschutzmaske an Ihr Gesicht.
3. Zuerst Kinn einführen, danach über die Nase ziehen. Seitliche Ohrbänder fixieren.
4. Für einen festen Sitz muss der Clip im Nasenbereich an die Gesichtskontur angepasst werden. Zeigefinger und Mittelfinger beider Hände auf die Mitte des Nasenclips drücken. Mit beiden Händen gleichzeitig von der Mitte aus den Nasenclip nach unten drücken, bis der Nasenclip am Nasenrücken festklemmt und die Maske angenehm sitzt. Das Drücken des Nasenclips mit nur einer Hand kann die Dichtigkeit der Maske beeinflussen.
5. Vor dem Eintritt in den Arbeitsbereich muss die Dichtigkeit der Maske überprüft werden. Maske mit beiden Händen bedecken und kräftig ausatmen. Bei leichtem Druckaufbau in der Maske (Ausatmen) sollte keine Luft an den Rändern entweichen. Bei richtiger Anwendung bewegt sich das Filtermaterial beim Einatmen leicht.



## Lagerung und Transport

Die Sky Screen Partikelfiltrierenden Atemschutzmasken 8865 haben ab dem Herstellungsdatum eine Lagerdauer von 2 Jahren. Das Ende der Lagerdauer ist auf dem beiliegenden Produktzertifikat angegeben. Überprüfen Sie vor der ersten Verwendung immer, ob das Produkt die angegebene Lagerdauer (Haltbarkeitsdatum) überschritten hat. Das Produkt muss in einer sauberen und trockenen Umgebung innerhalb eines Temperaturbereichs von -30°C bis +70°C und bei einer relativen Luftfeuchtigkeit von < 80 % gelagert werden. Vor direkter Sonneneinstrahlung schützen. Die Maske in der Originalverpackung lagern.

## Konformitätsbewertung

Die partikelfiltrierende Halbmaske erfüllt die Anforderungen der europäischen Richtlinie (EU) 2016/425. Baumusterprüfung und Konformitätsbewertungsverfahren erfolgten unter Beteiligung folgender notifizierter Stelle: CCQS Certification Services Limited Block1 Blanchardstown Corporate Park, Ballycoo in Raad, Blachardstown, Dublin15, D15 AKK1, Irland CE 2834

**Produktbilder**

**Einzelverpackung**



**20 Stück Box**





**Sky Screen**  
8865  
FFP2 NR  
**CE 2834**  
EN 149.2001+A1:2009





# Certificate of Module C2 production monitoring for equipment within the scope of Personal Protective Equipment Regulation (EU) 2016/425 Category III

FPC Certificate No.: CE-PC-200602-458-FPC-C

<b>Certificate holder:</b>	<b>Guangdong Golden Leaves Technology Development Co., Ltd.</b> 5/F, Building 2, No.8, Qiaolonghe East Road, Tangxia Town, Dongguan City, Guangdong Province, 523730, China
<b>Manufacturing Location:</b>	5/F, Building 2, No.8, Qiaolonghe East Road, Tangxia Town, Dongguan City, Guangdong Province, 523730, China
<b>The scope of the certification for:</b>	<b>The manufacture of respiratory protective device</b> See annex for articles covered by this certificate
<b>Validity from:</b>	2020-07-08
<b>Revision date:</b>	2021-01-12
<b>To:</b>	2021-07-07

CCQS Certification Services Limited in its role as a Notified Body for PPE Regulation, is monitoring that the manufacturer is producing PPE in conformity with the type described in the EU type-examination certificate and associated technical file and which satisfies the Essential Health and Safety Requirements of the Regulation. The equipment covered by this certificate is listed in the accompanying schedule. This certificate is not complete and has no validity without the accompanying schedule and revision index. The manufacturer is hereby authorized to affix our Notified Body number, 2834, to each item of PPE mentioned in the schedule which accompanies this certificate whilst this certificate remains valid. This certificate and the accompanying schedule remain the property of CCQS and maybe withdrawn or revised at any time if CCQS considers that the equipment is no longer in conformity with the requirements of the Regulation.



Approved by Ireland  
Government  
as a Notified Body  
for CE Marking No.2834



## CCQS Certification Services Limited

Block 1 Blanchardstown Corporate Park, Ballycoolin Road, Blanchardstown, Dublin15,  
D15 AKK1, Ireland

Tel: +00 353 1 588 6920 Website: [www.ccqs.co.uk](http://www.ccqs.co.uk) E-mail: [verify@ccqs.ie](mailto:verify@ccqs.ie)

If in any doubt about the integrity of this certificate, please contact CCQS by email to verify.



## Schedule of Module C2 production monitoring for equipment within the scope of Personal Protective Equipment Regulation (EU) 2016/425 Category III

Schedule to CCQS FPC Certificate No.: CE-PC-200602-458-FPC-C

Product reference and description		Reference standard
Particle Filtering Half Mask	Model: 8862	EN 149:2001+A1:2009
Particle Filtering Half Mask	Model: 8861	EN 149:2001+A1:2009
Particle Filtering Half Mask	Model: 8865	EN 149:2001+A1:2009

Certificate Revision	Revision date	Revision details
A	2020-07-08	Initial issue
B	2020-07-21	Addition of model: 8861
C	2021-01-12	Addition of model: 8865

This schedule has no validity without the accompanying certificate.

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Tel: +00 353 1 588 6920 Website: [www.ccqs.co.uk](http://www.ccqs.co.uk) E-mail: [verify@ccqs.ie](mailto:verify@ccqs.ie)

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## Module B EU Type-Examination Certificate

For the requirements of PPE Regulation 2016/425

Certificate No.: CE-PC-201124-727-01-9A

<b>Certificate holder:</b>	<b>Guangdong Golden Leaves Technology Development Co., Ltd.</b> 5/F, Building 2, No.8, Qiaolonghe East Road, Tangxia Town, Dongguan City, Guangdong Province, 523730, China
<b>Product:</b>	<b>Particle Filtering Half Mask</b> Detailed product description listed in the Annex
<b>Model(s):</b>	8865
<b>Standard(s):</b>	EN 149:2001+A1:2009 Respiratory protective devices - Filtering half masks to protect against particles - Requirements, testing, marking
<b>Issue date:</b>	2021-01-12
<b>Revision date:</b>	2021-01-12
<b>Expiry date:</b>	2022-01-11

The product(s) on this certificate and the Technical File have been assessed and found to be in conformance with the applicable Essential Health and Safety Requirements in Annex II of the PPE regulation 2016/425.

Any changes to the design, manufacturing location or manufacture of the PPE product certified here must be advised to CCQS Certification Services Limited for review.

CE marking shall not be applied until the requirements of all the PPE Regulation 2016/425 and relevant EN Harmonised standards and/or Technical specifications have been met.

If the certified product is Category III then this certificate is only valid if used in conjunction with Conformity Assessment against Module C2 or Module D.

This certificate remains the property of CCQS and maybe withdrawn at any time if it is considered that the equipment is no longer in conformity with the requirements of the PPE Regulation 2016/425.



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# Module B EU Type-Examination Certificate

## Annex

For the requirements of PPE Regulation 2016/425

Certificate No.: CE-PC-201124-727-01-9A

**Applicable standards and specification:**

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

Model reference	Product description
8865	Folding filtering half mask fitted with ear loops with head harness clip, no valves, internal metal nose clip Mask body color: White/Black variants Classification: FFP2 NR Test report No.: SL52025258790501TX

Certificate Revision	Revision date	Revision details
A	2021-01-12	Initial issue



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If in any doubt about the integrity of this certificate, please contact CCQS by email to verify.

**Test Report**                      **SL52025258790501TX**                      **Date: June 30, 2020**                      **Page 1 of 9**  
 GUANGDONG GOLDEN LEAVES TECHNOLOGY DEVELOPMENT CO., LTD.  
 5/F BUILDING 2, NO.8, QIAOLONGHE EAST ROAD, TANGXIA TOWN, DONGGUAN, GUANGDONG, 523730,  
 CHINA.

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

Sample Description                      :    (A)Filtering half mask

Style No.                                    :    8865

Composition                                :    (A)non-woven fabric, hot-air cotton, melt-blown fabric

Sample Color                                :    (A)White

Manufacturer                                :    GUANGDONG GOLDEN LEAVES TECHNOLOGY DEVELOPMENT CO., LTD.

Country of Destination                    :    EU countries, USA, Austrilia

Proposed Care Instruction                :    cannot wash

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

Sample Receiving Date                    :    May 27, 2020

Testing Period                                :    May 27, 2020 – Jun 30, 2020

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

**Conclusion:**

Sample No.	Recommendation Level
(A)	FFP2 NR

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

*Sara Guo*  
 Sara Guo (Account Executive)

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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



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**Clause 7.8 Finish of Parts**

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

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

**Clause 7.9.1 Total Inward Leakage**

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

Test Requirement	Results	Comment
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.	7.42	5.84	6.06	6.32	5.10	6.15
Luo	2	A.R.	7.28	7.52	6.45	8.26	6.77	7.26
Lu	3	A.R.	5.97	6.41	5.93	6.09	7.06	6.29
Wang	4	A.R.	5.77	4.74	4.41	7.23	4.62	5.35
Bao	5	A.R.	7.23	8.41	6.44	7.21	7.30	7.32
Ding	6	T.C.	5.19	6.10	5.68	4.29	5.71	5.39
Li	7	T.C.	8.13	7.93	7.13	6.99	7.17	7.47
Chen	8	T.C.	4.81	4.70	5.21	5.03	6.87	5.32
Song	9	T.C.	7.13	5.72	7.35	7.34	4.87	6.48
Ye	10	T.C.	6.18	8.48	8.59	6.67	7.64	7.51

**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
Ding	134	150	110	52

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Liu	120	135	117	50
Ye	126	137	105	52

**Clause 7.9.2 Penetration of Filter Material**

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

Test Requirement			Results	Comment
The penetration of the filter of the particle filtering half mask shall meet the requirements of the following table.			Detail refer to Appendix 2	Meet FFP1, Meet FFP2
Classification	Maximum penetration of test aerosol			
	Sodium chloride test 95 l/min	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	0.313
		2	0.892
		3	0.945
	Simulated wearing treatment	4	0.583
		5	0.776
		6	0.545
	Mechanical strength + Temperature conditioned	7	1.329
		8	1.146
		9	1.279
Paraffin oil test	As received	10	0.182
		11	0.096
		12	0.175
	Simulated wearing treatment	13	0.168
		14	0.175
		15	0.167
	Mechanical strength + Temperature conditioned	16	2.756
		17	2.853
		18	2.867

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	0.4526
	2	0.4507
	3	0.4521
		Mean value:0.45



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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	0.2	0.2	0.2	0.3	0.2	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.3
		95	0.8	0.7	0.8	0.8	0.7	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.7	0.8	0.8
	Exhalation	160	2.0	1.9	2.0	2.0	1.9	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
Simulated wearing treatment	Inhalation	30	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.3	0.2	0.3	0.2	0.3
		95	0.8	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.8	0.9
	Exhalation	160	1.9	2.0	2.0	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.0	2.1	2.1	2.0	2.1
Temperature conditioned	Inhalation	30	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
		95	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.6
	Exhalation	160	1.8	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.7	1.8	1.8	1.7	1.8	1.8

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



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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	Comply	Pass

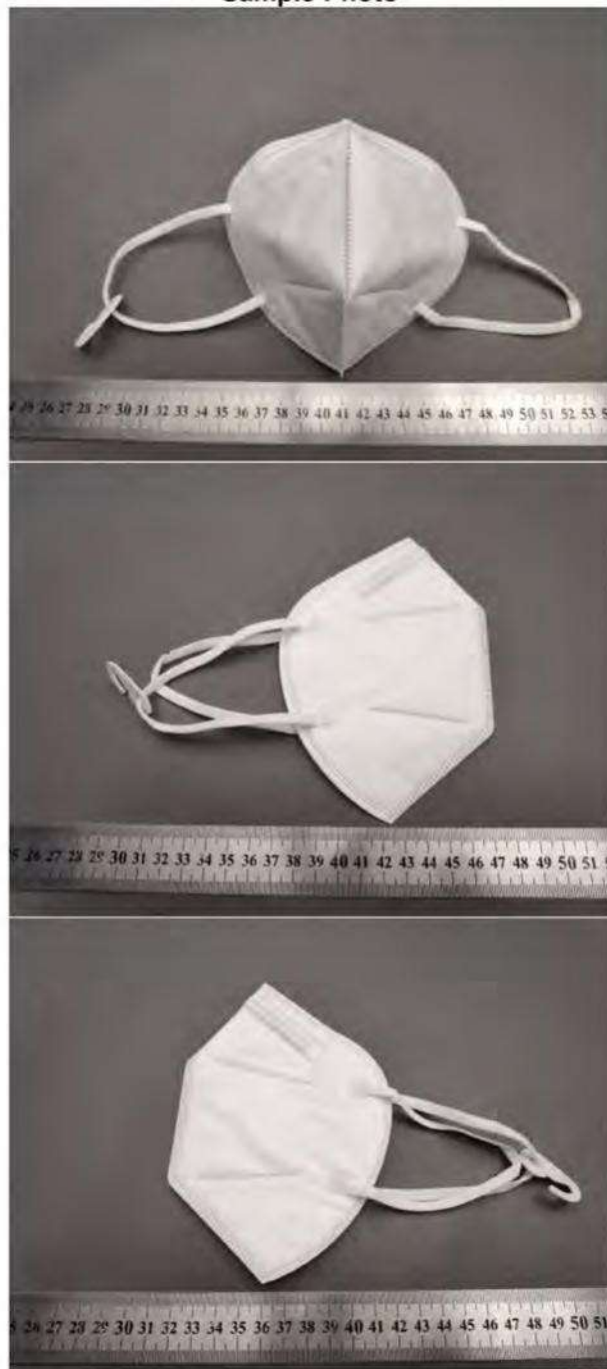
Test	Uncertainty
Total inward leakage	3.4%
Penetration of filter material	4.8%
Carbon dioxide content of the inhalation air	3.9%
Breathing resistance (30L/min)	5.9%
Breathing resistance (95L/min)	4.9%
Breathing resistance (160L/min)	4.3%

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### Sample Photo



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# EU-Konformitätserklärung

## Anhang IX PSA Verordnung (EU) 2016/425

( 1 ) Diese EU-Konformitätserklärung bezieht sich auf folgende Produkte

Produktname	Modell	Typ	Chargennummer oder Seriennummer oder Kennung
ParticleFilteringHalbmaske	8865	FFP2 NR	

(2) Der Name und die Adresse des Herstellers lautet wie folgt:

(3) Name	Guangdong Golden Leaves Technology Development Co., Ltd.
Adresse	5/F, Gebäude 2, NO. 8, Qiaolonghe East Road, Tangxia Town, Dongguan, Guangdong, 523730, China.

Diese Konformitätserklärung wird unter der alleinigen Verantwortung des Herstellers ausgestellt

(4) Detaillierte Beschreibung der PSA, um die Rückverfolgbarkeit/Identifikation der PSA zu ermöglichen



(5) Der unter (4) genannte Artikel steht im Einklang mit der einschlägigen Harmonisierungsrechtsverordnung der Union (EU) 2016/425.

(6) Verweise auf die angewandten einschlägigen harmonisierten Normen, einschließlich des Datums der Norm, oder Verweise auf die anderen technischen Spezifikationen, einschließlich des Datums der Spezifikation, für die die Konformität erklärt wird: EN 149:2001+A1:2009.

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(9) Zusätzliche Informationen:

Unterzeichnet für und im Namen von:-

Name des Unterzeichners: Zhou Wenhong	Datum der Ausgabe: Jan.19,2021
Unterschrift:	Berufsbezeichnung: CEO





H.M.S. Handel-Marketing-Service GmbH

9851 Lieserbrücke, Gartenstrasse 99, Austria

+43 (0) 720 116833

[www.diwamedical.com](http://www.diwamedical.com)

[info@diwamedical.com](mailto:info@diwamedical.com)