



Datablad

FFP2 Star

Care-filtreringsmaske



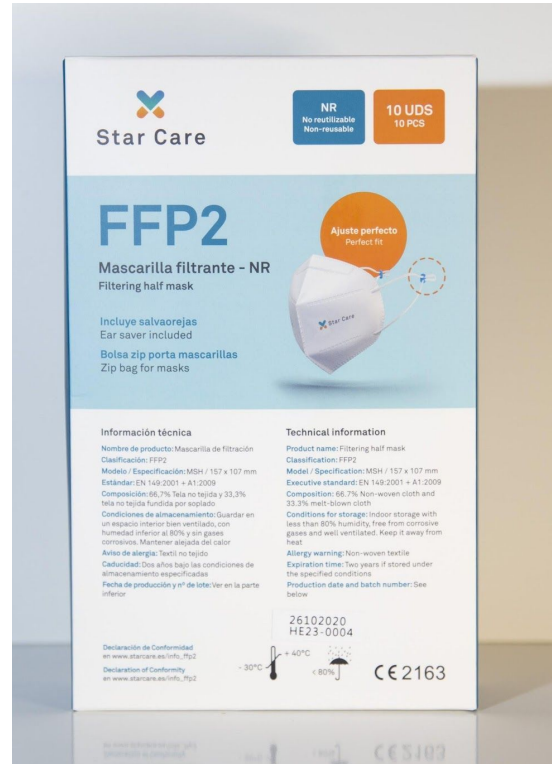
1 Teknisk informasjon

- **Produktnavn:** Filtreringsmaske
- **Klassifisering:** FFP2 – NR (til engangsbruk)
- **Modell:** MSH
- **PFE** > 94 % (> 98 % for NaCl-aerosoler)
- **Mål:** 157 mm x 107 mm
- **Standard:** EN 149:2001 + A1:2009
- **Sammensetning:** 66,7 % ikke-vevd stoff, 33,3 % smelteblåst stoff
- **Allergiinformasjon:** Ikke-vevd tekstil
- **Holdbarhetsdato:** To år i spesifiserte lagringsforhold



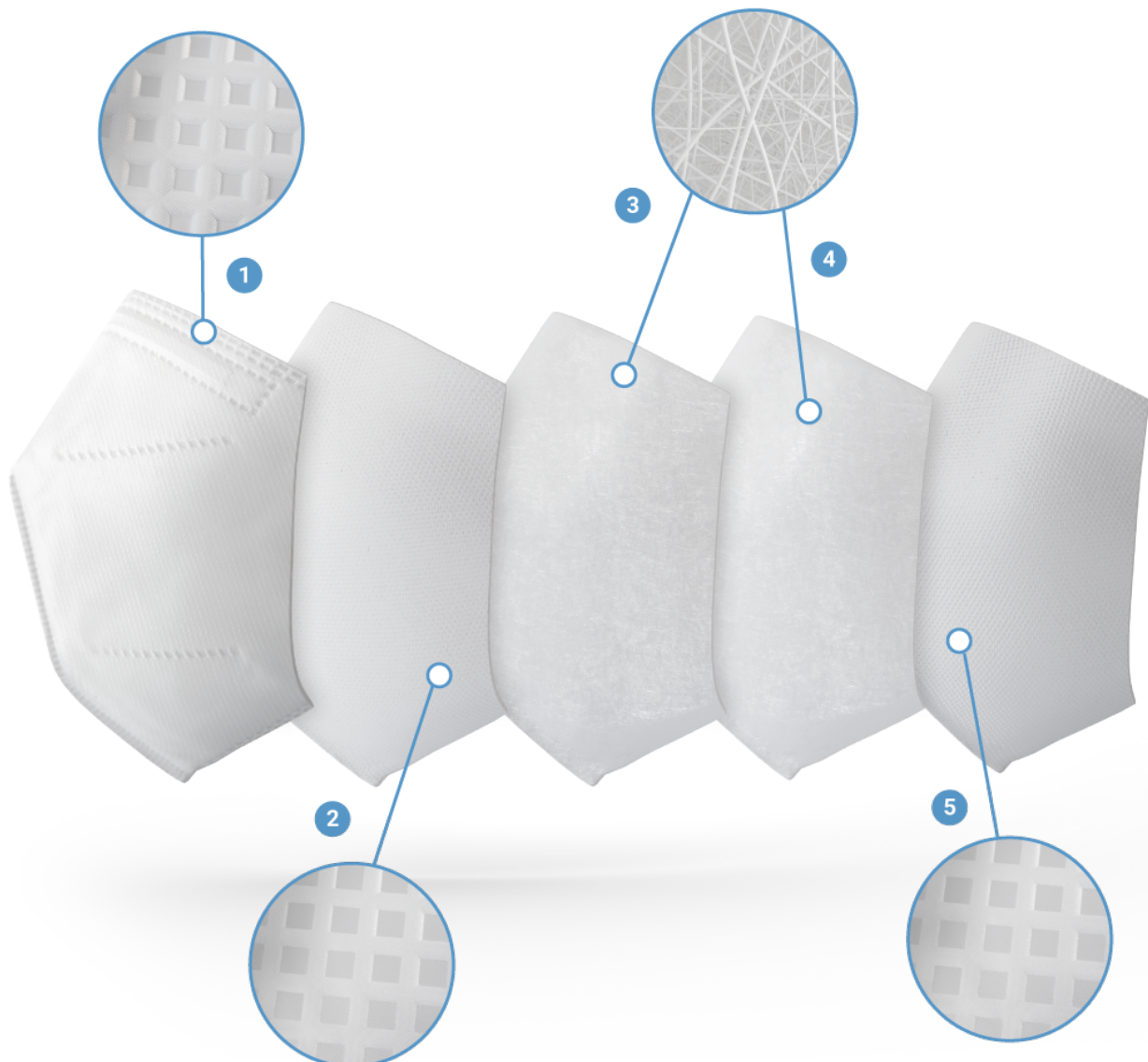
2 Produktbilder






3 Lag

Filtre	Beskrivelse
Filter 1	Ikke-vevd: 50 g/m ²
Filter 2	Ikke-vevd: 25 g/m ²
Filter 3	Smelteblåst ≈ 30 g/m ²
Filter 4	Smelteblåst ≈ 30 g/m ²
Filter 5	Ikke-vevd: 25 g/m ²



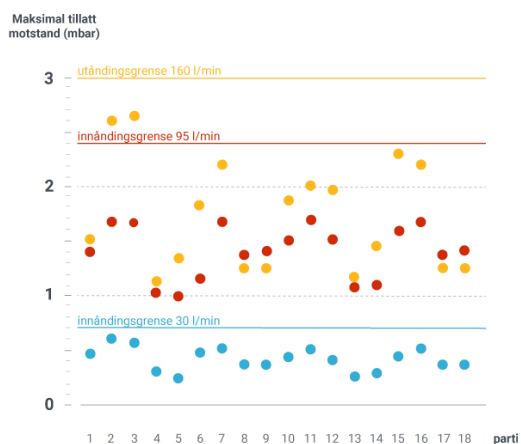
4 PFE

UNE-EN 149:2001	Star Care FFP2 NR mod. MSH	
Nødvendig filtreringseffektivitet av NaCl Aerosol-filtermateriale	 <p>Sertifikat nr.: 2163-PPE-707 Sertifikat nr.: 2163-PPE-707/01</p>	<p>NY ARBEIDS- OG VELFERDSFORVALTNING</p> <p>DET NASJONALE INSTITUTTET FOR HELSE OG SIKKERHET PÅ ARBEIDSPLASSEN (INSTITUTO NACIONAL DE SEGURIDAD Y SALUD EN EL TRABAJO, O.A. M.P)</p> <p>NASJONALT VERNEOMBUDSENTER *</p> <p>Verifiseringsrapport fra det nasjonale verneombudseneteret (se vedlegg 7)</p>
> 94 %	> 97,35 %	> 99 %

* Nasjonalt verneombudseneter. Det nasjonale verneombudseneteret (El Centro Nacional de Medios de Protección (CNMP)) er en del av det nasjonale instituttet for helse og sikkerhet på arbeidsplassen (Instituto Nacional de Seguridad y Salud en el Trabajo (INSST)), en spesialisert vitenskapelig-teknisk etat, underlagt den spanske regjeringen, hvis oppgave er å analysere og studere helsemessige forhold på arbeidsplassen, samt markedsføring og bidrag til forbedring.

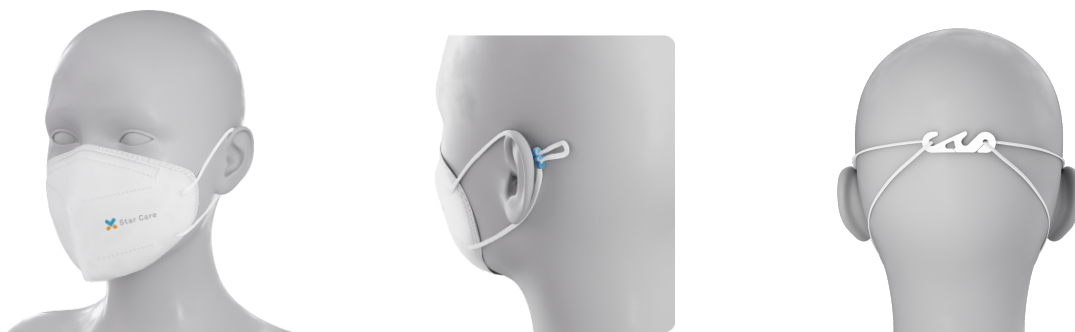
5 Åndbarhet

Materialene som anvendes har lav motstandsdyktighet mot åndbarhet. Dette fremgår av grafen, der man kan se at alle batchene er godt under den maksimale grenseverdien som er fastsatt i europeiske forskrifter.



6 Tilleggsegenskaper

1. **skjult, konturert neseklips** for elastisitet
2. **justerbar størrelse** for perfekt passform
3. **flate elastiske stropper på 4 mm** for større elastisitet og komfort
4. **dobbel sveising** i krysset mellom stroppene
5. **prikkede punkter** for mer effektiv filtrering
6. **ørebeskyttere for maksimal komfort ved langvarig bruk**
7. **egnet for sanitærbruk** – ytterligere tester i henhold til EN 14683-standarden (se vedlegg 3)



7 Brukstid og lagring

1. gjenbrukbar **oppbevaringspose** med lukning
2. **ventilasjon** for riktig oppbevaring
3. **indikerer** hvem eieren er
4. **tidssporing** som sier ifra når den maksimale brukstiden er nådd



8 Bærekraft

1. Gaveeskene har **FSC-sertifisering**, og er laget av papp som kommer fra bærekraftige kilder (se vedlegg 4).
2. Gaveeskene har **Soy Ink™ -sertifisering** (vegetabilsk blekk) (se vedlegg 5).
3. Den **gjenbrukbare posen** har lukning og er resirkulerbar (se vedlegg 6).



Star TIC Innovación S.A. A-84676519. C / Estrasburgo, 8, (Las Rozas – Madrid). 28232

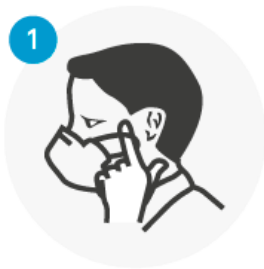
9 Forfalskningsystem

Originalt produktklistremerke med QR-kode, som gir tilgang til spesifikke data for kvalitetskontrollen som utføres på filteringsmasken, og som sertifiserer originaliteten til produktet. Den inkluderer en holografisk forsegling, som også garanterer at den er hermetisk forseglet.



10 Instruksjoner for påføring av filtreringsmasken

1. Hold filtreringsmasken med den ene hånden med neseklemmen mot fingrene, og la stroppene henge.
2. Plasser filtreringsmasken over ansiktet, slik at den dekker nesen og munnen fullstendig. Neseklemmen skal sitte på nesen.
3. Bruk hånden til å holde filtreringsmasken over haken. Plasser stroppen bak øret, eller fest den til ørebeskytteren for ekstra komfort.
4. Bruk begge hender til å feste neseklemmen til nesen, og sørg for at kantene er i direkte kontakt med ansiktet.
5. Utfør følgende test for å bekrefte at du har plassert filtreringsmasken riktig: Dekk filtreringsmasken med begge hender og pust kraftig ut. Hvis du merker at det slippes luft ut gjennom kantene, kan du plassere filtreringsmasken på ansiktet og justere neseklemmen eller stramme stroppene ytterligere. Gjenta dette helt til du ikke merker at det slippes ut luft.



11 Logistikk



Individuell pose

Egenskaper:

Antall: 1 stk./pose

Dimensjoner: 130 x 205 mm

Vekt: 12 g

SKU: MASK-ST-00013.0001



Eske med 10 enheter

Egenskaper:

Antall: 10 stk. (poser) / eske

Dimensjoner: 131 x 210 x 45 mm

Vekt: 153 g

SKU: MASK-ST-00009.0010



Eske med 50 enheter

Egenskaper:

Antall: 50 enheter (poser) / eske

Dimensjoner: 210 x 200 x 131 mm

Vekt: 610 g

SKU: MASK-ST-00013.0050



Konfigurasjon tilgjengelig i andre kvartal av 2021.

Hovedkartong (10)

Egenskaper:

Antall: 60 pakker/eske

Totalt antall: 600 enheter

Dimensjoner: 485 x 415 x 444 mm

Vekt: 10,2 kg



18436592290311

Hovedkartong (50)

Egenskaper:

Antall: 12 pakker/eske

Totalt antall: 600 enheter

Dimensjoner: 620 x 545 x 234 mm

Vekt: 8,4 kg



18436592290106



Kan leveres i eskeformat e.l. avhengig av tilgjengelighet på bestillingstidspunktet.

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12.1 Vedlegg 1: Samsvarserklæring

Følgende produsent har utstedt denne samsvarserklæringen, og påtar seg fullstendig ansvar for denne: **Huizhou Hengda Innovation Communication Equipment Co., Ltd.**, som ligger i bygning A, Wanli Industrial Co., Ltd., Daiongkeng, Ganpo, Zhenlong Town, Huiyang District, Huizhou City, Guangdong-provinsen, Kina

BEKREFTER

at følgende personlige verneutstyr

Modell: MSH

Produktbeskrivelse: FFP2-filtreringsmaske

oppfyller kravene i forordning (EU) 2016/425 datert 9. mars 2016, som inkluderer de grunnleggende helse- og sikkerhetskravene spesifisert i vedlegg II, og de nasjonale standardene som implementerer følgende europeiske standarder:

EN 149: 2001 + A1: 2009

Modellen er identisk med personlig verneutstyr som er underlagt EU-typeprøving (modul B i forordning (EU) 2016/425) som det refereres til i sertifikat nr.:

CE 2163-PPE-707 (utgivelsesdato: 6. mai 2020)

Utstedt av:

Universal Certification and Surveillance Service Trade Ltd. Co. (NB 2163)

Necip Fazıl Bulvarı Keyap Sitesi E2 Blok NO: 44/84 Yukarı Dudullu

Ümraniye-Istanbul

Tyrkia

Den indikerte modellen er underlagt prosedyren for samsvarsvurdering basert på intern kontroll av produksjon, i kombinasjon med overvakt produktkontroll med tilfeldige intervaller (modul C2), i henhold til forordning (EU) 2016/425, under tilsyn av Notified Body Universal Certification and Surveillance Services Trade Co. (NB 2163)

Signert av, og på vegne av:

Signert:

Navn:

Stilling:

Sted og dato:


 COLO BEN
 COLO BEN
 Director of supply chain
 Shenzhen, 05112020

12.2 Vedlegg 2: EU-test type (B) og samsvarssertifikat (C2)

UNIVERSAL



UNIVERSAL
CERTIFICATION
NB 2163

EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163-PPE-707

Respiratory protective devices, filtering half masks to protect against particles manufactured by
Huizhou Hengda Innovation Communication Equipment Co., Ltd.
 Building A, Wanli Industrial Co., Ltd., Dalongkeng, Ganpo, Zhenlong Town, Huiyang District,
 Huizhou City, Guangdong 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
Brand Name: KSA **Model:** MSH
 Filtering half mask
Classification: FFP2 NR

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

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

This certificate is initially issued on **04/06/2020** and will be valid for 5 years, if there is no change in the relevant harmonised standard affecting the essential health and safety requirements.



2163



Suat KACMAZ
UNIVERSAL CERTIFICATION
Director

Necip Fazıl Bulvarı Keyap Sitesi E2 Blok No:44/84 Yukarı Dudullu Ümraniye - İSTANBUL - TURKEY T:+90 216 455 80 80

UNIVERSALCERT.COM

Verify the validity with the QR code



UNIVERSAL



UNIVERSAL
CERTIFICATION

NB 2163

EU TYPE EXAMINATION CERTIFICATE

Certificate No: 2163-PPE-707

Respiratory protective devices, filtering half masks to protect against particles manufactured by
Huizhou Hengda Innovation Communication Equipment Co., Ltd.
 Building A, Wanli Industrial Co., Ltd., Dalongkeng, Ganpo, Zhenlong Town, Huiyang District,
 Huizhou City, Guangdong Province, China
 are tested and evaluated according to

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 Filtering Half Masks to Protect Against Particles -
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 that the product meets the requirements of the regulation.

Product Definition
Brand Name: KSA Model: MSH
 Filtering half mask
Classification: FFP2 NR

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 shown below, on the Category III product models given above, with;

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

This certificate is initially issued on **04/06/2020** and will be valid for 5 years, if there is no
 change in the relevant harmonised standard affecting the essential health and safety
 requirements.



2163



Suat KACMAZ
UNIVERSAL CERTIFICATION
 Director


Verify the validity with the QR code



Necip Fazıl Bulvarı Keyap Sitesi E2 Blok No:44/84 Yakar Dudullu Ümraniye - İSTANBUL - TURKEY T:+90 216 455 80 80

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12.3 Vedlegg 3: Testrapport EN 14683 (type IIR)



Total Quality. Assured.

TEST REPORT NUMBER: PRTT00077512 Page 1 of 6

APPLICANT: STARTIC INNOVACION, S.A. **DATE OF EMISSION:** 16/09/2020

CALLE CASTILLA, No. 18

MADRID, SPAIN
28039

SAMPLE DESCRIPTION: Type Mask : Medical Face / Type IIR
Reference : Star Care FFP2 NR Mod. MSH
Supplier : Startic Innovacion, S.A.
1 - Medical Face

DATE OF RECEPTION: 01/09/2020

TEST PERFORMED BETWEEN DATES: 01/09/2020 and 16/09/2020

WORK DAYS: 12

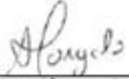
REQUEST: Tests performed in accordance with APPLICANT TEST REQUIREMENTS specification

NOTES:


Samples

Test	1
*‡ BFE (FILTRATION)	M
*‡ DIFFERENTIAL PRESSURE (BREATHABILITY)	M
*‡ MICROBIAL CLEANLINESS/BIOBURDEN	M
*‡ SPLASH RESISTANCE PRESSURE	M

M = Meet buyer's requirement; NM = does not meet buyer's requirement; NR = Not requested; NA = Not applicable; NC = No comment; SC = Still continues
 - Test results relate only to submitted items. The report shall not be reproduced except in full, without the written approval of Intertek Portugal.
 - Tests marked by (*) are not included in the scope of IPAC accreditation for this Laboratory.
 - Tests marked by (‡) have been sub-contracted by Intertek Portugal to an accredited laboratory.
 - Tests marked by (*‡) are not included in the scope of IPAC Accreditation and have been sub-contracted by Intertek Portugal.
 Consult our terms and conditions on <http://www.intertek.pt/termos-e-condicoes/>.



Textiles Laboratory Manager
ana.morgado@intertek.com



Total Quality. Assured.

TEST REPORT NUMBER: PRTT00077512

Page 2 of 6

Test Method	Results	Requirements
*# BFE (FILTRATION)		
EN 14683:2019+AC 2019		
	Sample: 1	Type IIR >= 98%
RESULT		
98.1%		
Test Conditions:		
Temperature: 21±5°C Humidity: 85±5%		
Dimensions of the test specimens: 49cm ² (5 test specimens)		
Side of the test specimen facing the challenge aerosol: intern		
Air flow rate: 28.3 l/min.		
MPS 2.9		
Test specimen 1 (98.2%), Test specimen 2 (98.3%), Test specimen 3 (97.7%), Test specimen 4 (98.3%), Test specimen 5 (98.0%).		
The expanded uncertainty at a confidence level of 95%, k=2: 1.8%		
*# DIFFERENTIAL PRESSURE (BREATHABILITY)		
EN 14683:2019+AC 2019		
	Sample: 1	Type IIR <60 Pa/cm ²
RESULT		
47.3 Pa/cm ²		
Test Conditions:		
Temperature: 21±5°C Humidity: 85±5%		
Number and general location of the areas of the mask the differential measurements were taken: Test performed with the direction of flow from the inside to the outside. Side and central location.		
Air flow rate: 8L/min		
Dimensions of the test specimens: 4.9cm ² (5 test specimens)		
Test specimen 1 (46.9 Pa/cm ²), Test specimen 2 (48.0 Pa/cm ²), Test specimen 3 (46.9 Pa/cm ²), Test specimen 4 (46.9 Pa/cm ²), Test specimen 5 (48.0 Pa/cm ²)		
The expanded uncertainty at a confidence level of 95%, k=2: 8.7%		



TEST REPORT NUMBER: PRTT00077512

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Sample: 1

Type IIR \geq 16.0 kPa

RESULT

Medium pressure test for 29 out of 32 samples as minimum, corresponding to AQL 4%, according EN 14683: 2019 mask Type IIR)

Sample Medium Pressure 16.0 Kpa

Amoet1	Pass
Amoet2	Pass
Amoet3	Pass
Amoet4	Pass
Amoet5	Pass
Amoet6	Pass
Amoet7	Pass
Amoet8	Pass
Amoet9	Pass
Amoet10	Pass
Amoet11	Pass
Amoet12	Pass
Amoet13	Pass
Amoet14	Pass
Amoet15	Pass
Amoet16	Pass
Amoet17	Pass
Amoet18	Pass
Amoet19	Pass
Amoet20	Pass
Amoet21	Pass
Amoet22	Pass
Amoet23	Pass
Amoet24	Pass
Amoet25	Pass
Amoet26	Pass
Amoet27	Pass
Amoet28	Pass
Amoet29	Pass

INTERTEK PORTUGAL UNIPessoAL, LDA.

Rua Antero de Quental, 221- sala 102, 4455-586 Perafita - Matosinhos
Tel. (+351) 22 999 80 80 - Fax (+351) 22 999 80 81



TEST REPORT NUMBER: PRTT00077512

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Sample: 1

Type IIR \geq 16.0 kPa

RESULT

Amot30	Pass
Amot31	Pass
Amot32	Pass

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Tel. (+351) 22 999 80 80 - Fax (+351) 22 999 80 81



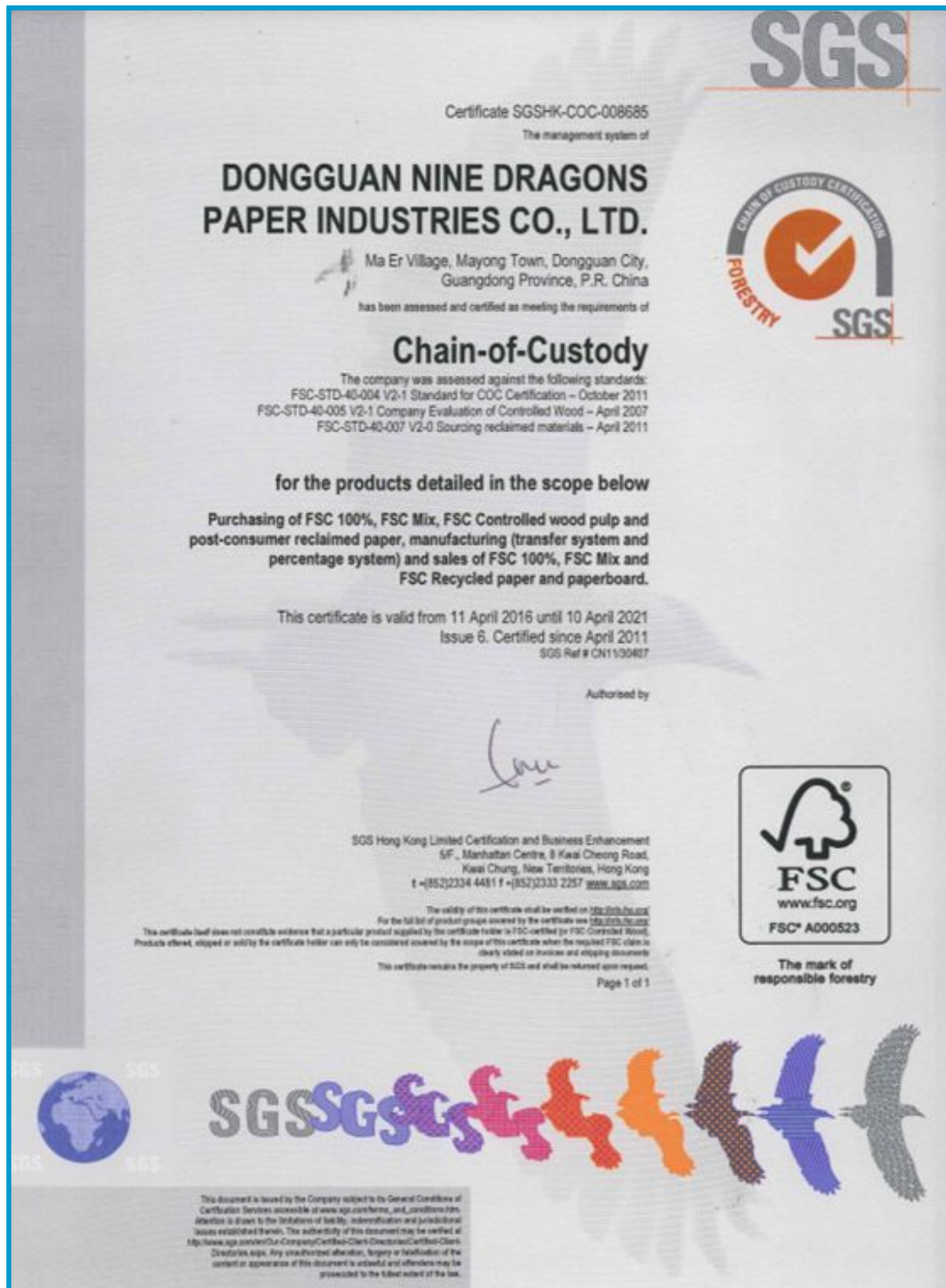
TEST REPORT NUMBER: PRTT00077512

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12.4 Vedlegg 4: FSC-sertifikat (gaveeske i pappmateriale)



12.5 Vedlegg 5: Sertifisert soybasert vegetabilsk blekk



ASA
American Soybean
Association®

SOYINK LICENSE AGREEMENT

This agreement is made as of this 2nd day of January, 2020, by the **American Soybean Association ("ASA")** and Maoming Sakata Ink Co., Ltd. ("Licensee"), located at 12th sub-district, Nanhai eastern area, Dianbai district, Maoming City, Guangdong, China

ASA is the owner of the "Printed with Soy Ink" certification mark (the "SoySeal") and has established minimum standards for use of the SoySeal.

Licensee is applying to ASA for the right to use the SoySeal on materials printed with ink containing soybean oil/soy protein.

The parties hereto agree as follows:

I. MINIMUM STANDARDS. The SoySeal may be used by Licensee only on products meeting or exceeding the following established standards.

Soybean oil* as a percentage of total formula weight

TYPE OF INK	*% SOY OIL CONTENT
Black news ink	40
Color news ink	30
Cold-set ink	30
Carbon ink	25
Screen printing ink	25
Sheet-fed ink	20
Business forms ink	20
Metallic ink	10
Desensitizing ink	10
Heat-set ink	7
UV/EB ink	7
Stencil duplicator ink	6

*Soybean oil must be the predominant vegetable oil, with vegetable drying oils added as needed, but not to exceed the level of soybean oil set out in the respective formulation. Alcohol esters of soybean oil may be substituted directly for soybean oil in news, sheet-fed, cold-set and business forms inks to obtain the minimum concentration standard. The minimum soybean oil concentration for heat-set inks increased to 15% (by weight) when alcohol esters of soybean oil replace soybean oil in this formulation.

Flexographic ink: This vehicle must contain a minimum of 20% soy protein; (water based) a minimum of 15% of the vehicle must be included in the ink.

- II. **GRANT.** ASA hereby grants to Licensee a non-exclusive right to use the SoySeal on Licensee's publications, labels, packages and other promotional and merchandising material, subject to the requirements of this Agreement. If the Licensee has more than one office or satellite location, each location will be required to have its own agreement.
- III. **ROYALTIES.** For and in consideration of the mutual promises herein, the Licensee shall pay ASA the sum of Three Hundred Fifty Dollars (\$350) per year, payable on or before January 1.
The royalty will be adjusted based on the quarter in which the agreement is executed.

January - March	April - June	July - September	October - December
100% or \$350	75% or \$262.50	50% or \$175	25% - \$87.50

- IV. **DESCRIPTION AND USE.** ASA shall provide artwork of the SoySeal mark upon payment of the annual royalty. The SoySeal mark is to be clearly and distinctly affixed to product labels and packages to provide ready recognition that the ink contains soybean oil/soybean protein. The Licensee agrees to use the SoySeal mark in accordance with the standards for use of the SoySeal, as established in Item I.

The Licensee herein agrees that it shall use the trademark registered notice where the SoySeal mark is most prominently displayed upon a label, the product, in advertising, and the like, by applying the symbol '®' to the mark where it is most prominently displayed.

- V. **TERMINATION OF CONTRACT.** Licensee is to cease using the SoySeal upon written notice by ASA in the event, in ASA's sole judgment based on analytical findings, the ink does not meet the minimum standards as defined on Page 1 of this Agreement, or is not complying with the other terms and conditions of this agreement.
- VI. **INDEMNIFICATION.** Licensee shall indemnify and hold harmless ASA's officers, directors, agents and assigns from and against all claims, actions, damages, expenses (including, but without limitation, reasonable attorney's fees) and liability whatsoever, arising out of or in conjunction with any breach of this Agreement by Licensee.
- VII. **ASSIGNMENT/SUBLICENSING RESTRICTION.** The right to use the SoySeal herein may not be assigned or sublicensed without prior written consent of ASA.
- VIII. **COMPLIANCE/AUTHORIZATION.** A sample of the packaging and a description of the ink (by brand name and type of formulation) that is to be certified must be supplied if requested by ASA.

Licensee also agrees to provide a description of all products/printed materials on which the SoySeal is being applied. Licensee is authorized to use the SoySeal on the following:



Product/Publication C Recopure/Sheet-fed ink

Product/Publication Web C Master/Cold-set ink Web C Master/Hot-set ink

Product/Publication Breacure/UV ink

Please attach a separate sheet for any additional product/publication descriptions.



<p>AMERICAN SOYBEAN ASSOCIATION</p> <p> Signature 2-13-20 Date</p> <p></p> <p>Please forward the signed user agreement to:</p> <p>V.04/0909</p>	<p>LICENSEE</p> <p>YUANYUN ZHOU Name - Please Print <u>YUANYUN ZHOU</u> Signature Quality Assurance Director Title (0086) 0668-2089301 Phone Number (0085) 0668-2689666 Fax Number zhouyanyun@inz-am.com Email January, 02, 2020 Date</p> <p>Farris Haley American Soybean Association 12125 Woodcrest Executive Drive, Suite 100 St. Louis, MO 63141 Phone : 1.800.688.7692 Fax: 314.754.1284 or 314.576.2786 Email: fhaley@soy.org</p>
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12.6 Vedlegg 6: Sertifikat for komposterbar individuell pose

CERTIFICATE
for Products

THIS IS TO CERTIFY that the following PRODUCTS have been found to comply with the specifications established in the American Society for Testing and Materials standard ASTM D6400 and/or D6868 in accordance with the terms and conditions of the "International Biodegradable Products Institute, Inc. Licensing & Certification Program for Compostable Products":

- Colored Ziplock Bag 1800 Microns [20180807-01]

as further described in the application and related information submitted to the Biodegradable Products Institute by Dongguan Xinhai Environment-Friendly Materials Co., Ltd. Corporation, (the "Licensee") a corporation of China.

Specific products associated with these certifications can be found on the BPI Product Catalog: <https://products.bpiworld.org/companies/dongguan-xinhai-environment-friendly-materials-co-ltd>

This Certificate authorizes the Licensee to use the Certification Program Logo depicted below in relation to such Product , subject to all conditions and terms of the Program Rules and the License Agreement between the Biodegradable Products Institute and the Licensee.



BPI
COMPOSTABLE

COMMERCIALY
COMPOSTABLE ONLY.
FACILITIES MAY NOT
EXIST IN YOUR AREA.
CERT #7719318

By: 
BPI Executive Director

Valid until: March 31, 2022
Certificate #: 7719318-5

Products on this Certificate:




The following item numbers (SKUs) are certified under this document. Only these items are published on the BPI's web-based products catalogs.

The licensee shall inform BPI immediately for any new products or discontinued products. These products were certified under product review 20180807-01 and must be recertified by the BPI on or before March 03, 2022

Brand	Manufacturer SKU	Title
XHBIO	XH-ZB	Colored Ziplock Bag



12.7 Vedlegg 7: Verifiseringsrapport fra det nasjonale verneombudsenter

 <p>MINISTERIO DE TRABAJO Y ECONOMÍA SOCIAL</p>	<p>SECRETARÍA DE ESTADO DE EMPLEO Y ECONOMÍA SOCIAL</p> <p>INSTITUTO NACIONAL DE SEGURIDAD Y SALUD EN EL TRABAJO, O.A. M.P.</p> <p>CENTRO NACIONAL DE MEDIOS DE PROTECCIÓN</p>						
21336920	Página 1 de 3						
<p>Informe de ensayo, referido a la mascarilla autofiltrante (media máscara filtrante) frente a partículas, Mascarilla FFP2, <i>del proveedor Magenta, solicitada por Servicio Regional de Salud</i></p>							
<p>Este informe, que consta de tres páginas numeradas y selladas, sólo puede ser reproducido en su totalidad. En cualquier otro caso deberá mediar la autorización escrita de la Directora del Centro Nacional de Medios de Protección. La información detallada relativa a los ensayos realizados está a disposición del cliente, previa solicitud por escrito.</p>							
<p>1. Antecedentes.</p> <p>Con fecha 30 de julio de 2020 y con número de registro de entrada (NRE) 03687 se recibió en el Centro Nacional de Medios de Protección (CNMP) solicitud formal de ensayos de la mascarilla autofiltrante (media máscara filtrante) frente a partículas Mascarilla FFP2, <i>del proveedor Magenta, solicitada por Servicio Regional de Salud, con destino al Hospital de Torrecárcel de Sevilla.</i></p>							
<p>2. Objeto.</p> <p>Describir los resultados de los siguientes ensayos:</p> <ul style="list-style-type: none"> - Penetración con aerosol de NaCl (en estado de recepción) <p>realizados a las muestras recibidas cuya clasificación es FFP2 indicada por el solicitante, conforme a lo establecido en las normas:</p> <p>UNE-EN 149:2001+A1:2010 "Dispositivos de protección respiratoria. Medias máscaras filtrantes de protección contra partículas. Requisitos, ensayos, marcado".</p> <p>UNE- EN 13274-7:2008 "Equipos de protección respiratoria. Métodos de ensayo. Parte 7: Determinación de la penetración de los filtros de partículas".</p>							
<p>3. Muestras.</p> <p>3.1. Recepción.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Nº muestras</th> <th>Fecha entrada CNMP</th> <th>Códigos de identificación</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">29.07.2020 / 1034</td> <td style="text-align: center;">del 36920-01 al 36920-3</td> </tr> </tbody> </table>		Nº muestras	Fecha entrada CNMP	Códigos de identificación	3	29.07.2020 / 1034	del 36920-01 al 36920-3
Nº muestras	Fecha entrada CNMP	Códigos de identificación					
3	29.07.2020 / 1034	del 36920-01 al 36920-3					
<p>3.2. Descripción.</p> <p>Esta descripción se realiza basándose en una inspección visual (véanse fotografías).</p> <p>Son mascarillas autofiltrantes o medias máscaras filtrantes, plegadas, sin válvula de exhalación. Disponen de clip nasal. El arnés de cabeza consiste en cintas elásticas que pasan por las orejas.</p>							
<p>CORREO ELECTRÓNICO</p> <p>cnmp@insst.mtramiss.es</p>	  <p>CARABELA LA NIÑA, 16 41007 SEVILLA TEL: 95 451 41 11 FAX: 95 467 27 97 Código DIR3: EA0041505</p>						
<p>Los ensayos marcados (*) no están amparados por la acreditación ENAC</p>							



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Las muestras se presentan en bolsa de plástico de 1 ud.

Marcado

En el lateral izquierdo indica Star Care CE 2163 EN 149:2001+A1:2009 FFP2 NR MSH

Fotografías



4. Ensayos.

Los ensayos fueron realizados según lo indicado en la siguiente tabla.

Ensayo (UNE-EN 149:2001+A1:2010)	Procedimiento	Fecha de realización
Penetración con aerosol de NaCl en estado de recepción 8.11 (y UNE-EN 13274-7:2008)	MPE-2221	25-08-20



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5. Resultados y conformidad.

A continuación se muestran los resultados obtenidos de los ensayos y determinaciones realizados, que sólo son válidos para las muestras ensayadas.

Ensayo	Especificación (UNE-EN 149:2001+A1:2010)	Resultado	Conclusión ⁽¹⁾
Penetración del material filtrante frente a aerosol de NaCl en estado de recepción (Penetración después de 3,5 minutos)	7.1, 7.2, 7.9.2	(%) 1,025 ± 0,002	Cumple FFP2
	Penetración del material filtrante	0,963 ± 0,002	
	Clasificación FFP2 ≤ 6 %	0,564 ± 0,002	

(1) La clasificación final de una mascarilla tipo FFP según UNE-EN 149 viene determinada por los resultados de un conjunto de ensayos y no sólo por el aquí reflejado.

Sevilla, a 03 de septiembre de 2020



Mª Angeles Serra de Torres
Técnico Superior de Prevención
Unidad Técnica Protección Respiratoria



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