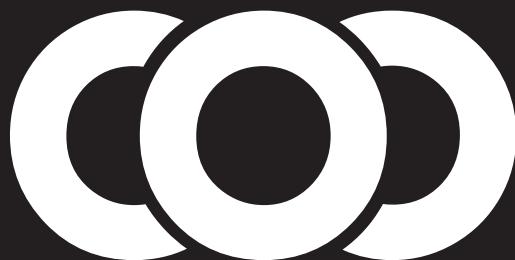


Cool Collection[®]
Yellow dust preventive mask



Cool Collection



Cool Collection

Cool Collection® mask
will serve as fresh air
for us to breathe freely.



Cool Collection®
Yellow dust preventive mask



You must protect your health by yourself!

A mask that has become a necessity for health due to environmental changes such as fine dust.

Cool Collection® yellow dust and quarantine mask blocks harmful particulate matter and infection sources such as yellow dust and fine dust, respiratory protection, ergonomic design, and Toray advanced material fabric developed with Toray Group in Korea.

Multifunctional (anti-allergic, anti-viral, anti-bacterial, deodorant, etc.) high-efficiency HEPA filter “hybrid filter” was used.

Enjoy a healthy and happy life with a high-quality mask that is comfortable to wear and easy to use.

Cool Collection®

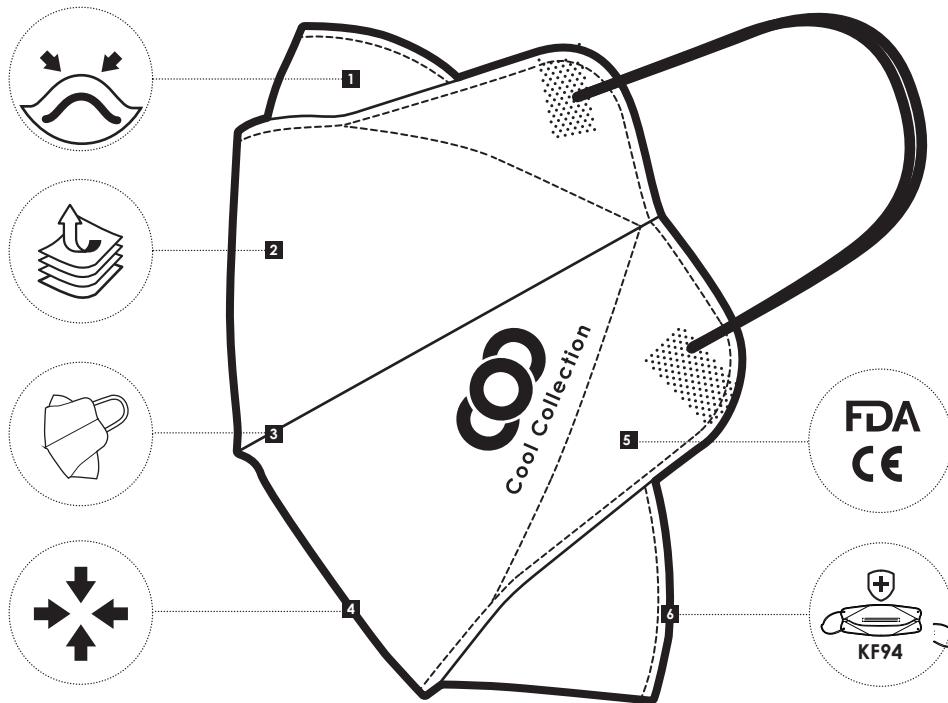
Yellow dust preventive mask



Cool Collection® masks have completed 20 safety tests directly related to health and safety through KF94 Korea Pharmaceutical Safety Agency certification, US FDA, and European CE testing agencies.

“Hybrid Filter”, a high-efficiency HEPA filter with ergonomic design and Toray advanced material fabric developed with Toray Group in Korea Using a high-quality mask that is comfortable to wear and convenient to use.

PM 0.25 Ultra-fine dust blocking. Protects the respiratory tract from sources of infection. Soft to the touch and comfortable breathing. Blocks more than 95% of UV rays, the main cause of each skin disease.



1 Functional nose rest

In made aluminum material without flowing down prevent water vapor from coming out.

2 Ultra electrostatic filter with quadruple structure

Respiratory protection from fine dust with a quadruple structure using three layers of reinforced Toray high-tech fabric and multi-functional (anti-allergic, anti-viral, antibacterial, deodorant, etc.) high-efficiency HEPA filter “hybrid filter”

3 3-fold folding design

Cool Collection® mask's 3-fold fold design ensures a comfortable fit without touching the lips

4 Compact size

Easy to carry with aluminum packaging design

5 US FDA, European CE professional testing agency certification products

Products that have completed 20 safety tests that are directly related to health and safety through specialized testing institutions in the US, NIOSH, FDA, and European CE (COC, DOC).

6 KF94 yellow dust prevention mask approved by the National Pharmaceutical Safety Agency

KF94 quasi-drug item licensed product to wear with confidence

Cool Collection[®]

Yellow dust preventive mask



A Outer Fabric (PET)

Synthetic filament nonwoven fabric made from 100% polyester raw materials. Advantages include high strength, high strength, heat resistance, weather resistance, oil resistance, breathability, and chemical resistance. (Toray Advanced Materials)

B Intermediate Fabric (SPUN BOND)

Fine, compact structure that exhibits high water absorption and water retention. As it can filter out even fine particles, it can filter air, water, and oil. Blocking harmful substances (Toray advanced material large dust blocking)

C Main filter (HYBRID FILTER)

Multi-functional (anti-allergic, anti-viral, anti-bacterial, deodorant, etc.) high efficiency HEPA filter “Hybrid Filter” to block PM 0.25 ultra-fine dust. Protects the respiratory tract from sources of infection.

D Lining (THERMAL BONDING)

Soft, hypoallergenic fabric, porosity, good ventilation and zero moisture content, does not absorb moisture. Non-toxic, non-irritating (This is a product used according to FDA food grade raw material production and does not irritate the skin.) Antimicrobial, anti-chemical agents (can isolate the presence of liquid bacteria and insects) Hygienic and eco-friendly (Toray Advanced Materials)

■ Advantages of **Cool Collection**[®] Yellow Dust · Prevention Mask

· 3 types of fabrics made of Toray's advanced materials that have been verified around the world

① **Lining** : Soft, hypoallergenic fabric, porosity, good ventilation and zero moisture content, fabric that does not absorb moisture. Non-toxic, non-irritating (fabric used according to FDA food grade raw material production and does not irritate the skin. Antimicrobial, anti-chemical agents (fabric that can isolate the presence of liquid bacteria and insects) Hygienic and eco-friendly fabric.

② **Intermediate fabric** : Fine multi-tight structure that shows high water absorption and water retention.

As it can filter out even fine particles, it can filter air, water, and oil.

Blocking harmful substances (large dust blocking).

③ **Outer fabric** : High strength, high strength, heat resistance, weather resistance, oil resistance, breathability, and chemical resistance.

· **Main filter** : Multifunctional (anti-allergic, anti-viral, antibacterial, deodorant, etc.) high-efficiency HEPA filter. By using “Hybrid Filter”, it has excellent effect of blocking PM 0.25 ultra-fine dust and protects the respiratory system from infectious agents.

- Space inside the mask is large, and it has a phytoncide scent, so it is comfortable even when worn for a long time.
- 3D structure where the inner surface of the mask does not touch the lips.
- Comfortable fit through the application of 3-fold foldable ergonomic design.

Cool Collection[®]
Yellow dust preventive mask



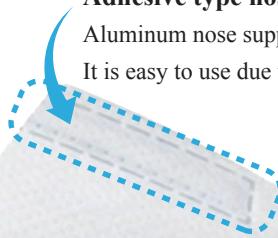
■ **3D structure for easy breathing COOL COLLECTION[®] Yellow dust and quarantine mask**

There is no stickiness even during daily life or conversation, and the lips do not touch, so it can be used comfortably even if worn for a long time.

Adhesive type nose support (optimized to prevent leakage)

Aluminum nose support is used for the nose

It is easy to use due to its high adhesion rate and prevents moisture even when wearing glasses.



3D design

Can breathe comfortably with the 3D design's adhesion and excellent breathability.



Ear band

Soft earbands with excellent elasticity

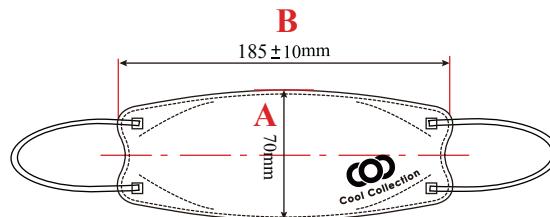
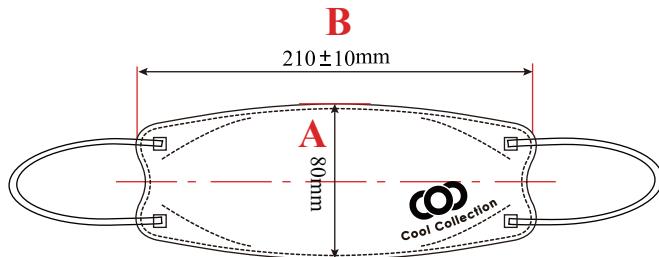


Rawmaterials

No	Version	Division	Raw materials	
			Name	Standard
1	Cool Collection® Yellow Dust Prevention Mask KF94 White	KF94	Outer fabric	PET LMP Spunbond (40g)
			Intermediate material	SPUN BOND (20g)
			Filter	HYBRID FILTER (40g)
			Lining	THERMAL BONDING (20g)
			Nose Cilp Wire	Polypropylene coated aluminum(5mm)
			Fixing Ear Straps	Spandex Fiber(3mm)

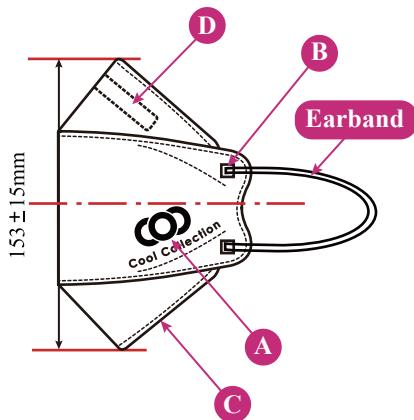
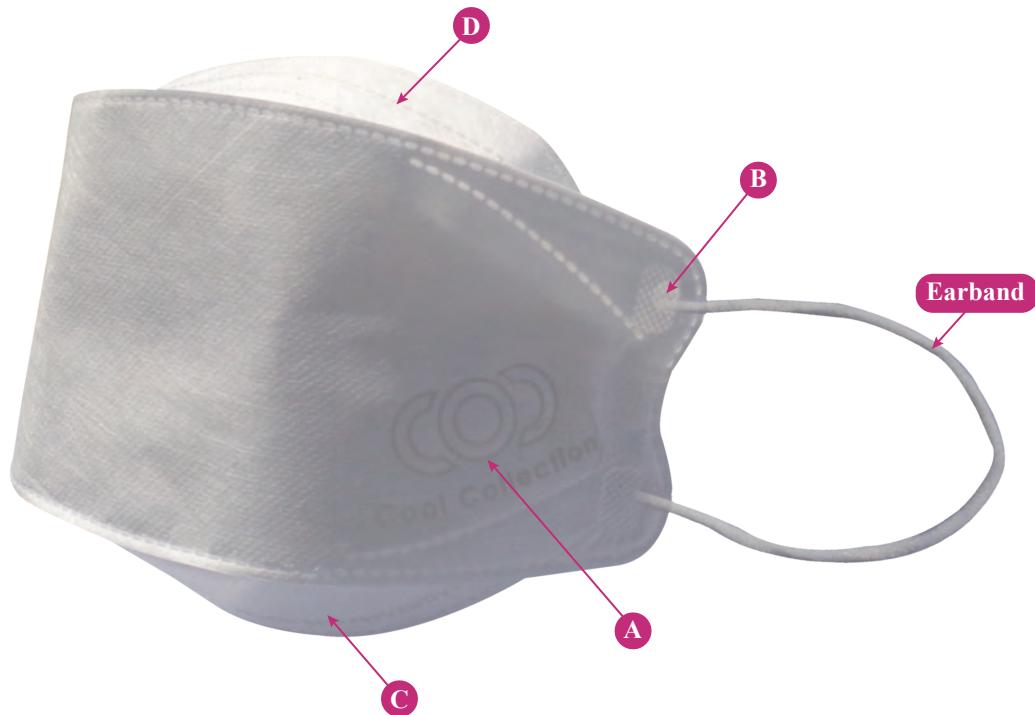
Mask shape

Division	Size	Length(mm)		Weight(g)
		A	B	
KF94	L	80	205	2g
	S	70	185	1.5g



Cool Collection[®]

Yellow dust preventive mask



A point : Check that the company logo is properly marked

B point : Melt and paste point check that it is impassible to escape

C point : Check that there is no abnormality when unfolded

D point : Nose clip tacks check that it is i impassible to escape

** Be sure to check the mask shape KF94 version number 1.
Overall, unmolded mask and external contamination Check it.*

Cool Collection[®]
Yellow dust preventive mask



Mask Packaging Specifications



	Material	Size	Printing specification
Envelope	Aluminum	10.5cm×27cm	3 Color(Gravure printing)
Single box	Hardboard paper, snow paper	27.5cm×10.8cm×21cm	4 Color(Offset printing)



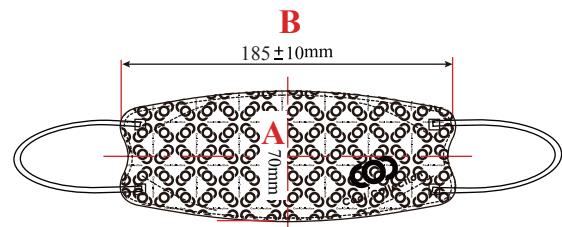
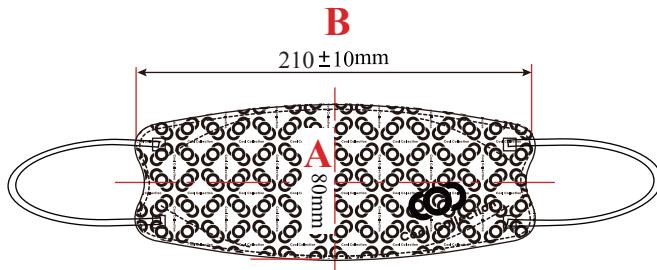
Product Name	Size	QTY
Single box	27.5cm×10.8cm×21cm	50pcs
Carton box	55.5cm×55.5cm×43cm	20 Single box / 1,000pcs
Pallet	111cm×111cm×215cm	20 Carton box / 20,000pcs
40ft Container	20 Pallet	400,000pcs

Rawmaterials

No	Version	Division	Raw materials	
			Name	Standard
2	Cool Collection® WP Yellow Dust Prevention Mask KF94 White	KF94	Outer fabric	PET LMP Spunbond (40g)
			Intermediate material	SPUN BOND (20g)
			Filter	HYBRID FILTER (40g)
			Lining	THERMAL BONDING (20g)
			Nose Cilp Wire	Polypropylene coated aluminum(5mm)
			Fixing Ear Straps	Spandex Fiber(3mm)

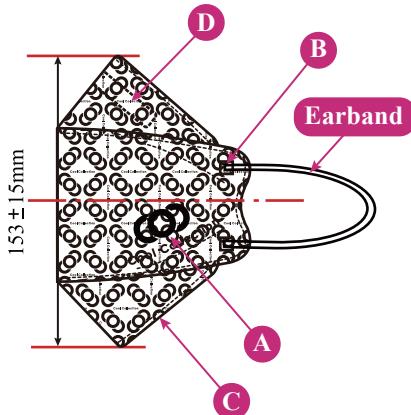
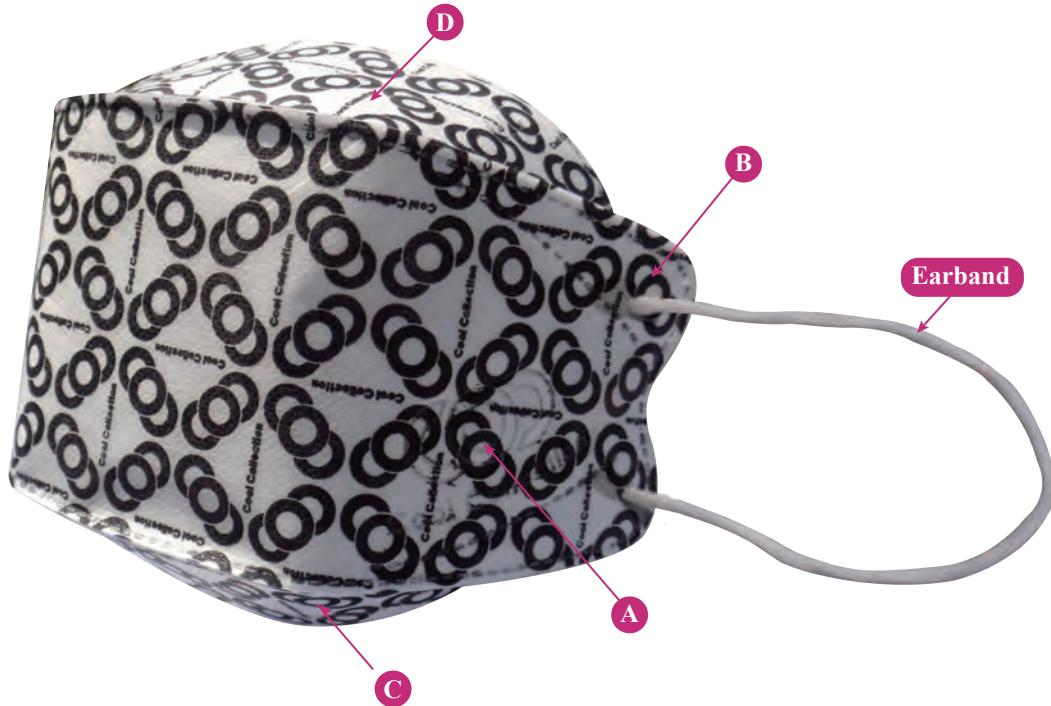
Mask shape

Division	Size	Length(mm)		Weight(g)
		A	B	
KF94	L	80	205	2g
	S	70	185	1.5g



Cool Collection[®]

Yellow dust preventive mask



- # **A point** : Check that the company logo is properly marked
- # **B point** : Melt and paste point check that it is impossible to escape
- # **C point** : Check that there is no abnormality when unfolded
- # **D point** : Nose clip tacks check that it is impossible to escape

** Be sure to check the mask shape KF94 version number 1.
Overall, unmolded mask and external contamination Check it.*

Cool Collection[®]
Yellow dust preventive mask



Mask Packaging Specifications



	Material	Size	Printing specification
Envelope	Aluminum	10.5cm×27cm	3 Color(Gravure printing)
Single box	Hardboard paper, snow paper	27.5cm×10.8cm×21cm	4 Color(Offset printing)



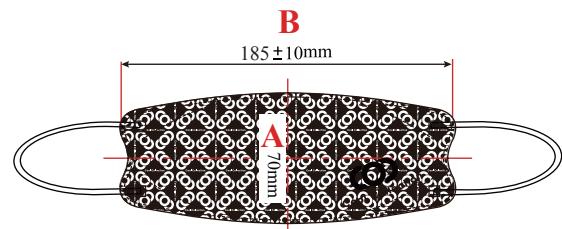
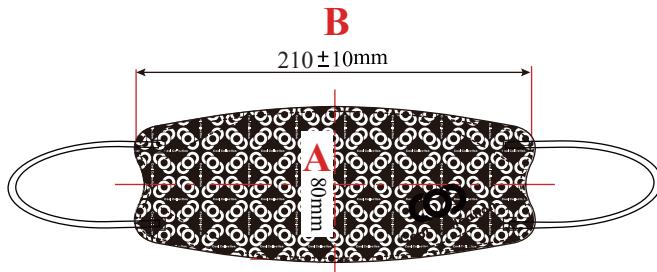
Product Name	Size	QTY
Single box	27.5cm×10.8cm×21cm	50pcs
Carton box	55.5cm×55.5cm×43cm	20 Single box / 1,000pcs
Pallet	111cm×111cm×215cm	20 Carton box / 20,000pcs
40ft Container	20 Pallet	400,000pcs

Rawmaterials

No	Version	Division	Raw materials	
			Name	Standard
3	Cool Collection® BP Yellow Dust Prevention Mask KF94 Black	KF94	Outer fabric	PET LMP Spunbond (40g)
			Intermediate material	SPUN BOND (20g)
			Filter	HYBRID FILTER (40g)
			Lining	THERMAL BONDING (20g)
			Nose Cilp Wire	Polypropylene coated aluminum(5mm)
			Fixing Ear Straps	Spandex Fiber(3mm)

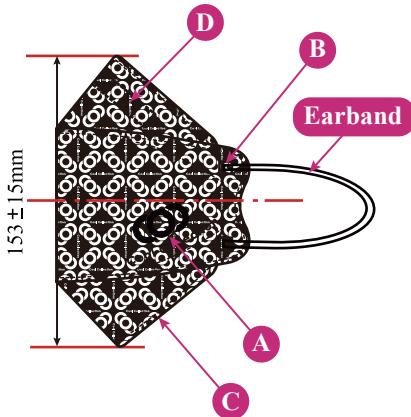
Mask shape

Division	Size	Length(mm)		Weight(g)
		A	B	
KF94	L	80	205	2g
	S	70	185	1.5g



Cool Collection[®]

Yellow dust preventive mask



- # **A point** : Check that the company logo is properly marked
- # **B point** : Melt and paste point check that it is impossible to escape
- # **C point** : Check that there is no abnormality when unfolded
- # **D point** : Nose clip tacks check that it is impossible to escape

** Be sure to check the mask shape KF94 version number 1.
Overall, unmolded mask and external contamination Check it.*

Cool Collection[®]
Yellow dust preventive mask



Mask Packaging Specifications



	Material	Size	Printing specification
Envelope	Aluminum	10.5cm×27cm	3 Color(Gravure printing)
Single box	Hardboard paper, snow paper	27.5cm×10.8cm×21cm	4 Color(Offset printing)



Product Name	Size	QTY
Single box	27.5cm×10.8cm×21cm	50pcs
Carton box	55.5cm×55.5cm×43cm	20 Single box / 1,000pcs
Pallet	111cm×111cm×215cm	20 Carton box / 20,000pcs
40ft Container	20 Pallet	400,000pcs

Cool Collection[®]
Yellow dust preventive mask



U.S. Department of Health & Human Services

FDA U.S. FOOD & DRUG ADMINISTRATION

Home Food Drugs Medical Devices Radiation-Emitting Products Vaccines, Blood & Biologics Animal & Veterinary Cosmetics Tobacco Products

Establishment Registration & Device Listing

1 result found for Owner Operator Number : 10075195

Registration Number 3017217171

Establishment Name	Registration Number	Current Registration Yr
CD CO., LTD. KOREA, SOUTH	3017217171	2021
Respirator, Disposable, Cool Collection® KF94 BP Yellow Dust Preventive Mask; Cool Collection® KF94 Yellow Dust Preventive Mask; Cool Collection® KFAD Mask		Manufacturer
Accessory, Single Use, Disposable, Cool Collection KF AD; CD Cool Collection KF80; CD Cool Collection KF4		Manufacturer

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FDA

If you take the QR code, you will be taken to the FDA site.

Cool Collection®
Yellow dust preventive mask


Cool Collection



ATTESTATION OF CONFORMITY

Certificate Nr: 2105 - 0251

in conformance to the European Economic Commission 93/42/EEC Medical Devices Directive on harmonization of laws, regulations and administrative documentation of Member States on Medical Devices and European Economic Commission directive 93/68/EEC amending Medical Devices Directive dated 22 July 1993,

the products manufactured by

CD CO., LTD.

at the following address

*Head office: 54-3, Bongeunsa-ro 105-gil, Gangnam-gu,
Seoul (Samseong-dong) Republic of Korea*

*Production Facility:: 47, City Hall 940beon-gil, Paltan-myeon, Hwaseong-si,
Gyeonggi-do Republic of Korea*

EN 14683:2019 + AC: 2019 TYPE 2R Medical Face Mask

Brand Name: Cool Collection® KF94

Model : W & BP & WP Yellow Dust Preventive Mask

are tested according to the following initial type tests by the manufacturer.

Technical standard EN 14683:2019+AC: 2019 TYPE 2R Medical face masks - Requirements and test methods for the assessment of conformity, the following documents were also applied to tests results of laboratory Ekoteks Laboratuvar ve Gözetim Hizmetleri A.Ş. Report No: 21014255

BvA Beigelendime has evaluated production, design, intended use, risk evaluation according to safety purpose, product fit self and add-on components (if exists) and product technical drawings of the medical face masks manufactured and designed for use during the medical operations or similar medical situations with same requirements which require restriction of infectious materials to be spread to patients. With this certificate, it is approved that the product fulfils all essential requirements and the related rules of 93/42/EEC Medical Devices Directive (MDD) Class 1 are applied. The information on the packaging for the above listed products covers the necessary information stated in Annex I, §13, of the Medical Devices Directive (93/42/EEC) or Annex 1, §23, of the Medical Device Regulation (EU) 2017/745. This information includes; reference to EN 14683 standard, type of mark (as indicated in Table 1) and other relevant information given in EN ISO 15223-1:2016 and EN 1041:2008+A1:2013. It is considered to be suitable to attach a CE mark, as per the directive, on your products in accordance with the information given in this certificate with publishing an EU Declaration of Conformity.

This certificate is issued on 28/05/2021 and valid until 28/05/2022 with the conditions that no change has been made with the product references and no change in the production process or not suspended or withdrawn for any reason,



Burcin YUMRUKCU

General Manager 28/05/2021

This certificate remains the property of BvA Beigelendime ve Değ.Tic. Ltd. Şti. and must be returned on request. And it is valid unless the periodical surveillance audits result acceptable in accordance with the relevant standard. For detailed information please contact the certification manager.

Gayrettepe Mah. Yıldız Posta Cad. Akın Sitesi 1. Blok No: 5 Kat: 4 Daire: 9 Beşiktaş 34340 İstanbul Türkiye
T.E.L: +90 212-347 0865 FAX: +90 212 273 2829 e-mail: info@bva.tic web: www.bva.tic


COC Certification

Cool Collection[®]
Yellow dust preventive mask


Cool Collection



EU DECLARATION OF CONFORMITY

according to the Medical Devices Directive 93/42/ EEC

Manufacturer company : CD CO., LTD

Manufacturer address : 54-3, Bongeunsa-ro 105-gil, Gangnam-gu, Seoul (Samseong-dong) Republic of Korea

Production Facility : 47, City Hall 940beon-gil, Paltan-myeon, Hwaseong-si, Gyeonggi-do Republic of Korea

Product : Medical Face Mask

Product models : Cool Collection® KF94
W & BP & WP Yellow Dust Preventive Mask

Standard : TS EN 14683:2019

Product Class : TYPE 2R



*I declare under my own responsibility that the product mentioned above complies with the requirements of Annex VII of Directive 93/42/EEC and the harmonised standard EN 14683:2019.
This product is a Class 1 Medical Device according to the classification in Annex IX.*



General Manager
SIGNATURE

28.05.2021
DATE


DOC Certification



Cool Collection[®]

Yellow dust preventive mask



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Search For: Sample ID, Test Description, Lab #, PO #, Test Code

Date Range: Date Type: Received Date Begin Date End Date

Submit Reset

Studies

Sample ID	Test Description	Lab Number	Received Date	Est. Comp. Date	Final Report	Re-Quote
Cool Collection General Mask	Bacterial Filtration Efficiency (BFE) only	130791-01	08 Jun 2020 STAT	30 Jun 2020		+ Re-Quote
Cool Collection General Mask	Particle Filtration Efficiency Latex Particle Challenge	130792-01	08 Jun 2020 STAT	08 Jul 2020		+ Re-Quote
Cool Collection General Mask	Differential Pressure Only	1308295-01	08 Jun 2020 STAT	22 Jun 2020		+ Re-Quote
Cool Collection KP94	Bacterial Filtration Efficiency (BFE) only	130794-01	08 Jun 2020 STAT	29 Jun		+ Re-Quote
Cool Collection KP94	Differential Pressure Only	1308284-01	09 Jun 2020 STAT	22 Jun		+ Re-Quote
Cool Collection KP94	NIOSH Respirator Certification Inhalation and Exhalation	130793-01	17 Jul 2020			+ Re-Quote
Cool Collection KP94	NIOSH Respirator Certification Sodium Chloride (NaCl)	130793-01	17 Jul 2020			+ Re-Quote
8080 KP94	Bacterial Filtration Efficiency (BFE) only	137341-01	17 Dec 2020	13 Jan 2021		+ Re-Quote
8080 KP94	Particle Filtration Efficiency Latex Particle Challenge	137343-01	17 Dec 2020	26 Jan 2021		+ Re-Quote
8080 KP94	Differential Pressure Only	137344-01	17 Dec 2020	04 Jan 2021		+ Re-Quote
8020 KP94	Additional Report	137349-02	17 Dec 2020	26 Jan 2021		+ Re-Quote

Click on a table header to sort by that column.

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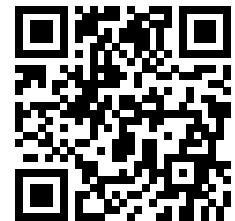
NIOSH report

Click

Click



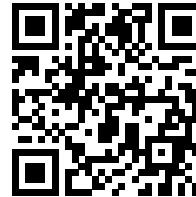
Reports



ID:cdcocogroup@gmail.com
Password:HoustonTX1!

Cool Collection[®]

Yellow dust preventive mask



NIOSH Reports
 ID:cdcocogroup@gmail.com
 Password:HoustonTX1!

Sodium Chloride (NaCl) Aerosol Test Final Report

Nelson Labs.
 A Sotera Health company

Sponsor:
 Eun Young Choi
 CD Co., Ltd.
 54-3 Bongsunsa-ro 105-gil, Gangnam-gu
 Seoul, 06030
 REPUBLIC OF KOREA

Sodium Chloride (NaCl) Aerosol Test Final Report

Test Article: Cool Collection KP94
 Study Number: 1321368-S01
 Study Received Date: 17 Jul 2020
 Testing Facility: Nelson Laboratories, LLC
 6280 S. Redwood Rd.
 Salt Lake City, UT 84123 U.S.A.
 Test Procedure(s): Standard Test Protocol (STP) Number: STP0014 Rev 09
 Deviation(s): None

Summary: This procedure was performed to evaluate particulate filter penetration as specified in 42 CFR Part 84 and TEB-APR-STP-0059 for requirements on a N95 respirator. Respirators were conditioned then tested for particle penetration against a polydisperse, sodium chloride (NaCl) particulate aerosol. The challenge aerosol was dried, neutralized, and passed through the test article at a concentration not exceeding 200 mg/m³. The initial airflow resistance and particle penetration for each respirator was determined.

According to 42 CFR Part 84.84, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practices (GMP) regulations of 21 CFR Parts 210, 211 and 820.

All test method acceptance criteria were met.

Trang Truong electronically approved for
 Study Director

Curtis Gerow
 02 Sep 2020 19:40 (+00:00)
 Study Completion Date and Time

Page 1 of 3

Nelson Labs.
 A Sotera Health company

Study Number 1321368-S01
 Sodium Chloride (NaCl) Aerosol Test Final Report

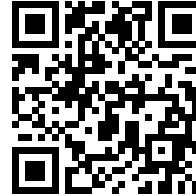
Results: The NIOSH N95 filter efficiency as stated in 42 CFR Part 84.181 is a minimum efficiency for each filter of ≥95% (≥5% penetration). The test articles submitted by the sponsor conform to the NIOSH N95 criteria for filter efficiency.

Test Article Number	Corrected* Airflow Resistance (mm H ₂ O)	Particle Penetration (%)	Filtration Efficiency (%)
1	8.5	1.21	98.79
2	9.7	0.607	99.393
3	11.4	0.449	99.551
4	10.3	0.417	99.583
5	8.6	1.63	98.37
6	9.2	0.405	99.595
7	8.9	0.452	99.548
8	8.7	0.318	99.662
9	9.8	3.20	96.80
10	9.7	0.177	99.823
11	9.7	0.093	99.907
12	9.3	0.242	99.758
13	10.1	0.176	99.824
14	8.7	0.298	99.702
15	10.5	0.180	99.820
16	9.0	0.617	99.383
17	10.1	0.189	99.831
18	10.5	0.211	99.788
19	10.3	0.183	99.817
20	9.4	0.133	99.867

* The final airflow resistance value for each test article was determined by subtracting out the background resistance from the system.

Page 2 of 3

Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report



NIOSH Reports
 ID:cdcocogroup@gmail.com
 Password:HoustonTX1!

Nelson Labs.
 A Sotera Health company

Sponsor:
 Eun Young Choi
 CD Co., Ltd
 54-3 Bongsunsa-ro 105-gil, Gangnam-gu
 Seoul, 06080
 Republic of Korea

Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

Test Article: Cool Collection KF94
 Study Number: 1321367-S01
 Study Received Date: 17 Jul 2020
 Testing Facility: Nelson Laboratories, LLC
 6250 S. Redwood Rd.
 Salt Lake City, UT 84123 U.S.A.
 Test Procedure(s): Standard Test Protocol (STP) Number: STP0145 Rev 05
 Deviation(s): None

Summary: This procedure was performed to evaluate the differential pressure of non-powered air-purifying particulate respirators in accordance with 42 CFR Part 84.180. The air exchange differential or breathability of respirators was measured for inhalation resistance using NIOSH procedure TEB-APR-STP-0207 and exhalation resistance with NIOSH procedure TEB-APR-STP-0203. The differential pressure technique is a simple application of a basic physical principle employing a water manometer differential upstream and downstream of the test material, at a constant flow rate.

According to 42 CFR Part 84.84, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

The inhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial inhalation not exceeding 35 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

The exhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial exhalation not exceeding 25 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

All test method acceptance criteria were met.

IBAC-NRA **ANAB**

Robert Dieker electronically approved for
 Study Director

Curtis Gerow

07 Aug 2020 15:44 (+00:00)
 Study Completion Date and Time

NIOSH 7500 Rev 3
 197596-001 Rev 3
 Page 2 of 2

Nelson Labs.
 A Sotera Health company

Study Number 1321367-S01
 Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

Results:

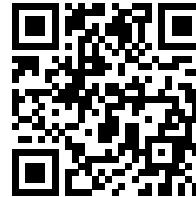
Test Article Number	Inhalation Resistance (mm H ₂ O)	Exhalation Resistance (mm H ₂ O)
1	6.7	6.4
2	8.3	8.4
3	7.3	7.2

Test Method Acceptance Criteria: The resistance measurement for the reference plate must be within ± 3 standard deviations of the mean established in the control chart.

Procedure: A complete respirator was mounted to a test fixture comprised of a metal plate with an approximate 3.5 inch diameter hole in the center to allow airflow to reach the mask. The sample holder was assembled by placing a Plexiglas collar around the test fixture and topping with another metal disc with a 3.5 inch opening in the center. The sample holder is held tightly together with clamps and connected to an air source. The manometer is attached to the sample holder by a connection port on the Plexiglas collar.

Before testing, the manometer was zeroed and the back pressure in the sample holder checked and verified to be acceptable. Resistance measurements were taken with a manometer capable of measuring at least 8 inches of water. For inhalation testing, a negative airflow (vacuum) was applied. For exhalation testing, a positive airflow (compressed air) was used. Airflow was passed through the sample holder at approximately 85 \pm 2 liters per minute (L/min).

NIOSH 7500 Rev 3
 197596-001 Rev 3
 Page 2 of 2



Reports
 ID:cdcocogroup@gmail.com
 Password:HoustonTX1!

Bacterial Filtration Efficiency (BFE) Final Report



Nelson Labs
A Sotera Health company

Sponsor:
Eun Young Choi
CD Co., Ltd
54-3 Bongeunsa-ro 105-gil, Gangnam-gu
Seoul, 06050
Republic of Korea

Bacterial Filtration Efficiency (BFE) Final Report

Test Article:	Cool Collection® KF 94 BP&WP Yellow Dust Preventive Mask
Study Number:	1373441-301.1 Amended
Study Received Date:	17 Dec 2020
Study Completion Date:	07 Jan 2021
Testing Facility:	Nelson Laboratories, LLC 6280 S. Redwood Rd. Salt Lake City, UT 84123 U.S.A.
Test Procedure(s):	Standard Test Protocol (STP) Number: STP0004 Rev 18
Deviation(s):	None

Summary: The BFE test is performed to determine the filtration efficiency of test articles by comparing the bacterial control counts upstream of the test article to the bacterial counts downstream. A suspension of *Staphylococcus aureus* was aerosolized using a nebulizer and delivered to the test article at a constant flow rate and fixed air pressure. The challenge delivery was maintained at 1.7 - 3.0 x 10⁷ colony forming units (CFU) with a mean particle size (MPS) of 3.0 ± 0.3 µm. The aerosols were drawn through a six-stage, viable particle, Andersen sampler for collection. This test method complies with ASTM F2101-19 and EN 14683:2019, Annex B.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations: 21 CFR Parts 210, 211, and 820.

Test Side:	Inside
BFE Test Area:	~7.8 cm ²
BFE Flow Rate:	28.3 Liters per minute (L/min)
Conditioning Parameters:	85 ± 5% relative humidity (RH) and 21 ± 5°C for a minimum of 4 hours
Test Article Dimensions:	~192 mm x ~176 mm
Positive Control Average:	2.6 x 10 ⁷ CFU
Negative Monitor Count:	<1 CFU
MPS:	3.0 µm

Mikell Goldsberry electronically approved
Study Director

Mikell Goldsberry



25 Mar 2021 03:53 (+00:00)
Amended Report Date and Time

TEL: 278-7576 |

7973294.000 Rev 02
Page 1 of 2



Nelson Labs
A Sotera Health company

Study Number 1321367-S01
Determination of Inhalation and Exhalation Resistance
for Air-Purifying Respirators Final Report

Results:

Test Article Number	Inhalation Resistance (mm H ₂ O)	Exhalation Resistance (mm H ₂ O)
1	6.7	6.4
2	8.3	8.4
3	7.3	7.2

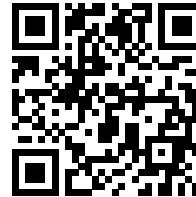
Test Method Acceptance Criteria: The resistance measurement for the reference plate must be within ± 3 standard deviations of the mean established in the control chart.

Procedure: A complete respirator was mounted to a test fixture comprised of a metal plate with an approximate 3.5 inch diameter hole in the center to allow airflow to reach the mask. The sample holder was assembled by placing a Plexiglas collar around the test fixture and topping with another metal disc with a 3.5 inch opening in the center. The sample holder is held lightly together with clamps and connected to an air source. The manometer is attached to the sample holder by a connection port on the Plexiglas collar.

Before testing, the manometer was zeroed and the back pressure in the sample holder checked and verified to be acceptable. Resistance measurements were taken with a manometer capable of measuring at least 8 inches of water. For inhalation testing, a negative airflow (vacuum) was applied. For exhalation testing, a positive airflow (compressed air) was used. Airflow was passed through the sample holder at approximately 85 ± 2 liters per minute (L/min).

TEL: 278-7576 |

6979640.000 Rev 03
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Reports
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Latex Particle Challenge Final Report (Outside)

Nelson Labs
 A Sotera Health company

Sponsor:
 Eun Young Choi
 CD Co., Ltd
 54-3 Bongeunsa-ro 105-gil, Gangnam-gu
 Seoul, 06080
 KOREA, REPUBLIC OF

Latex Particle Challenge Final Report

Test Article: Cool Collection[®] KF 94 BP&WP Yellow Dust Preventive Mask
Study Number: 1373439-S01.1 Amended
Study Received Date: 17 Dec 2020
Study Completion Date: 25 Jan 2021
Testing Facility: Nelson Laboratories, LLC
 6280 S. Redwood Rd.
 Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0005 Rev 08
Deviation(s): None

Summary: This procedure was performed to evaluate the non-wable particle filtration efficiency (PFE) of the test article. Monodispersed polystyrene latex spheres (PSL) were nebulized (atomized), dried, and passed through the test article. The particles that passed through the test article were enumerated using a laser particle counter.

A one-minute count was performed, with the test article in the system. A one-minute control count was performed, without a test article in the system, before and after each test article. Control counts were performed to determine the average number of particles delivered to the test article. The filtration efficiency was calculated using the number of particles penetrating the test article compared to the average of the control values. During testing and controls, the air flow rate is maintained at 1 cubic foot per minute (CFM) ± 5%.

The procedure employed the basic particle filtration method described in ASTM F2299, with some exceptions; notably the procedure incorporated a non-neutralized challenge. In real use, particles carry a charge, thus this challenge represents a more natural state. The non-neutralized aerosol is also specified in the FDA guidance document on surgical face masks. All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Test Side: Labelled Side (Outside)
Area Tested: 91.5 cm²
Particle Size: 0.1 µm
Laboratory Conditions: 21.8°C, 22% relative humidity (RH) at 0723; 21.9°C, 22% RH at 0804
Average Filtration Efficiency: >99.9980%
Standard Deviation: 0.00279

Christopher Acker electronically approved
 Study Director

01 Apr 2021 01:01 (+00:00)
 Christopher Acker
 Amended Report Date and Time

Page 1 of 2

Nelson Labs
 A Sotera Health company

Study Number 1373439-S01.1 Amended
 Latex Particle Challenge Final Report

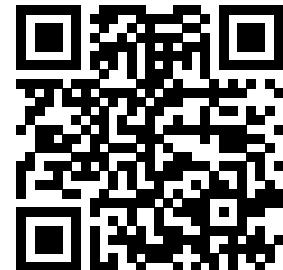
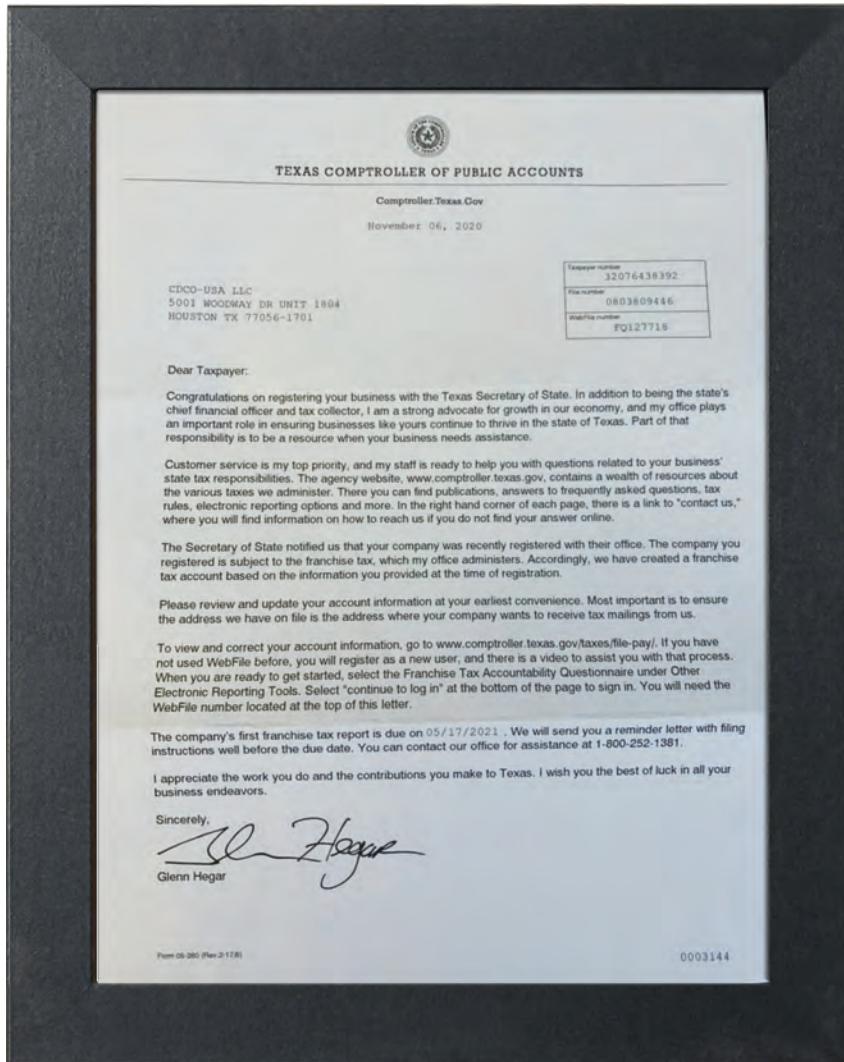
Results:

Test Article Number	Test Article Counts	Average Control Counts	Filtration Efficiency (%)
1	<1*	12,342	>99.9973
2	1	11,179	99.9911
3	<1*	11,683	>99.9971
4	<1*	11,780	>99.9972
5	<1*	12,232	>99.9973

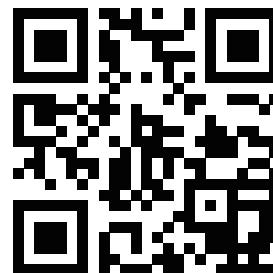
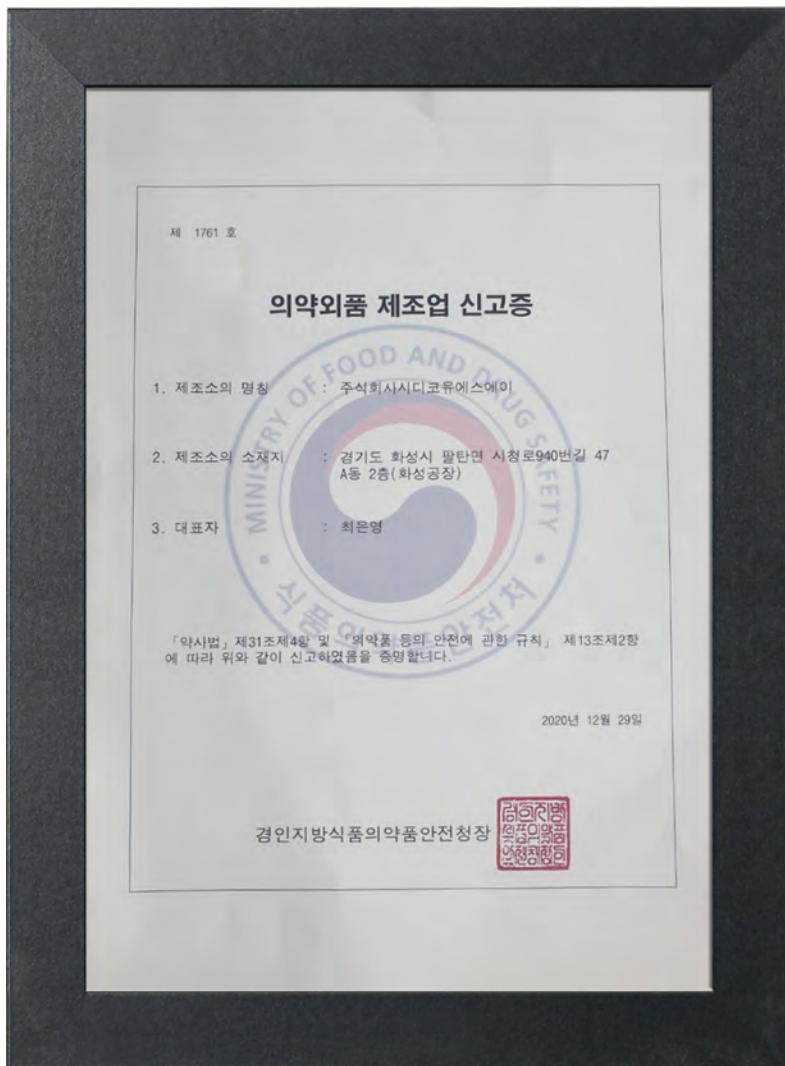
* There were no detected particles penetrating this filter during testing.

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Cool Collection[®]
Yellow dust preventive mask



November 06, 2020
USA CDCO-USA LLC.



December 29, 2020
Report of quasi-drug
manufacturing business

문서화양번호 : AXCIV-RVSP-WLMW-AK58



인허가
번호
A11202000317

제 1 호

의약품 제조판매 품목허가증
 의약외품 수입

업종	의약외품	업체가번호 (법인구번호)	1761 / (구)
제출명	식자균을특성할수있는면 마스크 (KF94)(대형)(흰색)	의약품분류	{ 전문 일반 { 외과 신약
원료약품(원자재) 및 분형	별첨	의약외품 분류번호	보건용 마스크 (2009)
선상	별첨		
제조방법	별첨		
효능 · 효과	별첨		
용법 · 용량	별첨		
사용상의 주의사항	별첨		
포장단위	자사포장단위		
적용방법 및 사용(유효)기간	일회용기, 실온(1~30℃)보관 제조일로부터 30개월		
기준 및 시험방법	별첨		
제조소	K시제조, 주식회사A(주요소재이, 대한민국, 경기도)화장사, 말방과 서양로 49번길 47 A동 2층		
허가조건	유효기간		

「의사법」 제31조·제42조 및 「의약품 등의 안전에 관한 규칙」 제13조제1항·
 제20조제2항, 같은 규칙 제59조에 따라 위와 같이 허가합니다.

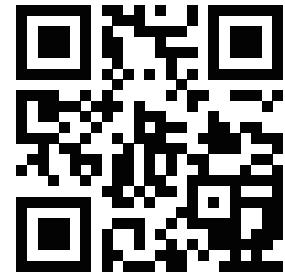
내우분 2020. 12. 30

경인지방식품의약품안전청장 

품목가번호표: 202000317



※ 본 증명서는 인터넷으로 발급되었으며, 홈페이지(<https://medup.mfds.go.kr/>)의 발급번호를 통하여 어떤종 여부를 확인할 수 있습니다.
 또한, 문서의단위 배크도도, 전자확인(스캐너를 문서확인(무인)을 사용할 수 있습니다.



December 30, 2020
 CD Cool Collection Yellow dust prevention Mask
 (KF94) (Large) (White) Item Permit

Cool Collection[®]
Yellow dust preventive mask



From mask manufacturing to packaging, we provide a clean mask that does not go through human hands as much as possible with a one-stop clean automation facility.

One-stop automation process in a clean room



Cool Collection[®]
Yellow dust preventive mask



America's first COVID TESTING (COOL COLLECTION[®] FACE MASK)



Newark, USA, on the afternoon of October 3



Newark Market,
Joshua Redman, Music Artist
Total Access MD Eric William Leaphart

Cool Collection[®]

Yellow dust preventive mask



July 24, 2020 tvN entertainment program'Six Sense'
Actor Lee Sang-woo wearing a mask



May 26, 2021 TV CHOSUN entertainment program'Perfect Life'
Actor Lee Hyun-kyung Musical Actor Min Young-ki wearing masks



CD Co., Ltd. has created a brand called **Cool Collection**, a differentiated product that breaks away from the existing stereotypes by taking advantage of the merits of being a design company.

Anything visible can be designed.

CD Co., Ltd. is a leading company that presents consumers '**Life style**' as a reality based on the creative spirit.



CD CO., LTD.

www.cdmask.co.kr

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