



COVIDSAFE
by cleantouchmedical

THE NEW STANDARD

ABOUT US

Clean Touch Medical Oy is part of Lainisalo Group

THE NEW STANDARD



CLEAN TOUCH MEDICAL OY

Clean Touch Medical Oy manufactures antibacterial solutions for use in various fields. Our objective is to eliminate viruses and bacteria from contact surfaces and thus break the infection chains at the earliest possible stage. We want to create not only efficient products, but also fast-acting products. Hours or minutes are not enough for us, viruses and bacteria must be eliminated within seconds.

We want to create a new standard of protection against viruses and bacteria. European Centre for Disease Prevention and Control (ECDC) estimates that more than 4 million people get ill from contact surfaces each year in various healthcare facilities, such as hospitals, alone. This huge number gave a push for, e.g. the launch of the AMICI project in 2016, which investigated the role of contact surface cleaning in the spread of microbes. Contact surfaces are known to be one of the most challenging places to keep clean, as consecutive contacts may occur every few seconds. This is a problem that we want to address and to which we offer various solutions.

We are constantly studying the effectiveness of our products against various bacteria and viruses. Functions of Microbes are constantly changing,

*Hours or minutes are not enough for us, viruses and bacteria must be eliminated in **seconds!***

which requires us to react quickly and invest significantly in research. Our products effectively eliminate the SARS-CoV-2 (COVID-19) virus, and all most common bacteria. However, even this top, stunning result is not enough for us, and we will continue studying to ensure even greater efficacy against various microbes and viruses.

Our objective is to create a range of easy-to-use products that ensure better hygiene of the contact surfaces. The temporary protective coating we have created and developed reduce the need for cleaning, as the coating automatically eliminates bacteria and viruses. People do not have to disinfect their hands to be safe from the microbes on the contact surfaces, as our temporary coating act automatically as mandatory protection.

For us, usability and ease of use play a key role in product development. Our protective products must be functionally easy and quick to install & remove, and even the end user must be able to install the products independently. Indication colours on the product will signal the wear of the coating creating security for the user; it is easy for both the installer and the end user to know when the product needs to be replaced for optimal performance.



LAINISALO GROUP

Lainisalo's team of experts is behind the development of CovidSafe. Over 30 years of experience on various coatings enabled us to create a coating formula that is incredibly effective, and which we use in CovidSafe.

We employ more than 100 professionals and operate in many different industries, including the military, marine and electronics industries, as well as the medical industry. The group has offices in Finland and Estonia.

QUALITY, QUALITY AND QUALITY

At Lainisalo, everything we do is based on lean thinking; we do the right things the right way. We remain vigilant and eliminate non-value factors there where our services are generated. We walso open-mindedly try new ways of working and immediately implement reforms that have proved their worth.

Our knowledgeable personnel, modern equipment and large capacity always guarantee the best solution for different surface treatment needs. We take responsibility for guaranteeing the best quality and conditions for a superior customer experience.

All our offices have been awarded ISO 9001:2015 and ISO 14001:2015 certificates.

LAINISALO

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CTM clean touch medical

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GLOBAL NEED CREATED A PRODUCT

Coronavirus, bacteria and metals

The coronavirus pandemic has certainly made each of us to stop and pay attention to better hygiene. We have also learned to identify so-called places of danger, and many of us certainly have changed our habits as a result. One of the most popular means of protection against the coronavirus this year has been hand disinfectant and face masks. As we have learned during the pandemic progresses, the use of these means alone does not provide full protection against the virus. Above all, effective protection of the contact surfaces is needed to support these measures.

Occasional, or even daily, cleaning of surfaces with existing detergents is not effective enough to eliminate all microbes. The only way to eliminate microbes from contact surfaces immediately is to use temporary protection on the surfaces, on the surface of which the microbes die within seconds. The coronavirus is known to spread rapidly both by air and through surfaces. Viruses and bacteria are known to live on various contact surfaces for up to 10 days. We wanted to prevent all microbes from sticking and spreading from the surfaces.

WHY PROTECT CONTACT SURFACES?

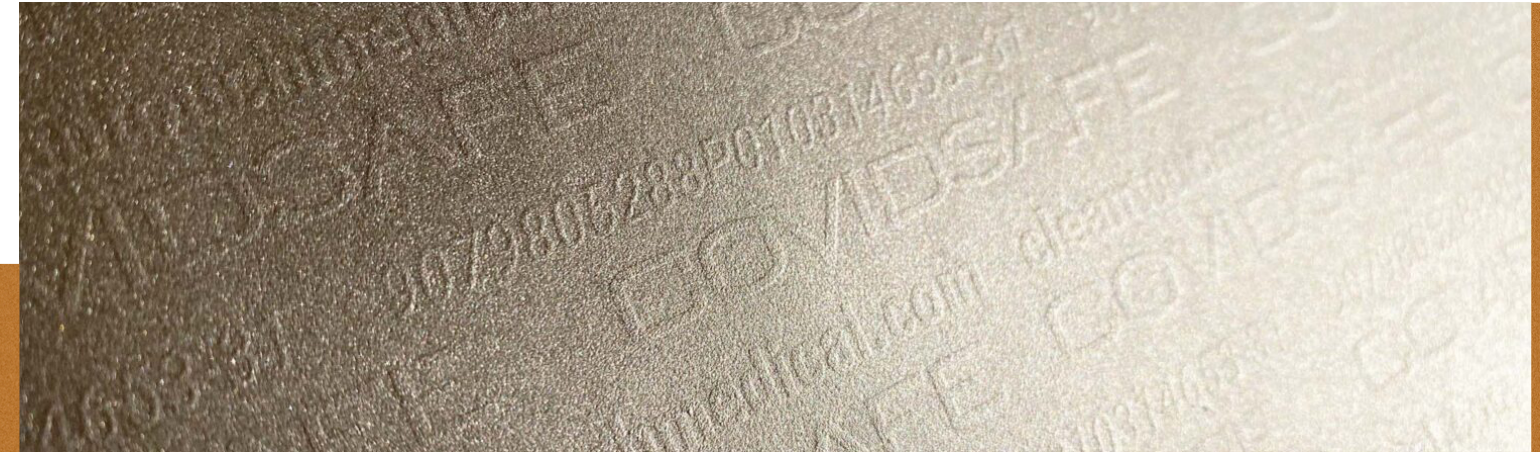
Even regular, thorough and effective surface cleaning does not ensure adequate surface cleanliness. Bacteria and viruses spread quickly from the contact surfaces, so only thorough cleaning after each individual contact would ensure a clean microbial-free surface for the next contact. In practice, this is almost impossible to achieve, as it would not only require more manpower, but would also increase the material costs and environmental problems of sanitation. Huge queues would form in busy places due to sanitation.

We wanted to solve this problem. CovidSafe ensures the cleanliness of the contact surface without cleaning agents. The coating works virtually on its own, eliminating bacteria and viruses in seconds. It is not necessary to clean the surface between contacts, even

CovidSafe ensures the cleanliness of the contact surface without cleaning agents!



if the first contact carries a diseased bacterium or virus in their hands. The next person can safely re-touch the same contact surface without getting microbes. It is only possible to break the aforementioned infection chain when the efficacy of the product is measured in seconds. The interval between consecutive contacts is usually only a few seconds. The efficacy of minutes or even days is not enough to fight bacteria and viruses.



COPPER IS AN EFFECTIVE PART OF OUR MULTI-METAL HYBRID

Copper is one of the metals whose antibacterial and virus-eliminating properties were first identified as far back as thousands of years ago. Copper has also been studied extensively, especially this past year. The New England Journal of Medicine has found in its tests that copper eliminates the SARS-CoV-2 virus within four hours. Copper is thus rather effective, but not alone enough to break the infection chains quickly enough.

WHEN COPPER ALONE IS NOT ENOUGH...

The efficacy of CovidSafe's coating is based on, among others, the effectiveness of copper. In addition to copper, we mixed other pure and natural metals into the multi-metal hybrid to make the coating more effective. With the hybrid we developed, the efficacy was improved and the elimination of microbes on the surfaces is possible in seconds instead of minutes or hours. The infection chains are cut within a few seconds.



COVIDSAFE PRODUCTS

Solutions for all contact surfaces

The CovidSafe product family consists of various solutions that provide a suitable product for any surface. The product family is constantly expanding! Our next new products include a filter and transparent membrane.

Our products are also available on a white label basis. In this case, the text and control colour under the coating can be changed to match your company's brand. The needed texts and logos can be added under the coating.

*Patent pending
PCT/EP2020/063844*

COVIDSAFE ORIGINAL & PRO TAPES

- ✓ **SUITABLE FOR ALL CONTACT SURFACES**
- ✓ **RED CONTROL COLOUR**
- ✓ **AVAILABLE AS PERMANENT ADHESIVE AS WELL AS EASILY REMOVABLE ADHESIVE**
- ✓ **THE TAPE IS EASY TO PROCESS INTO VARIOUS STENCILS & TEMPLATES**
- ✓ **AVAILABLE AS A SHEET AND AS A ROLL**
- ✓ **AIR DUCTED**

Sheet size: 950mm x 1600mm (1,52 m²)

Pack sizes: 5 sheets / 15 sheets



COVIDSAFE
by cleantouch medical

COVIDSAFE PRODUCTS

COVIDSAFE VINYL MAT

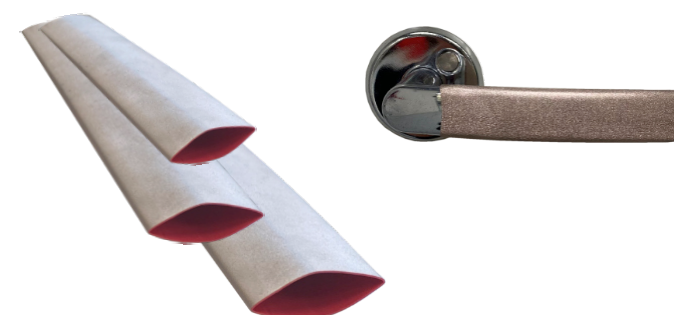
- ✓ **EASY AND QUICK TO INSTALL**
- ✓ **SUITABLE FOR ALL TABLES AND COUNTERS**
- ✓ **RED CONTROL COLOUR**
- ✓ **EFFORTLESS TO REPLACE WITH A NEW ONE**
- ✓ **DOES NOT CONTAIN ANY ADHESIVE**
- ✓ **AVAILABLE AS A SHEET AND AS A ROLL**

Sheet size: 950mm x 1600mm (1,52 m²)

Pack size: 5 sheets



COVIDSAFE HEAT-SHRINK TUBING



- ✓ **EASY AND QUICK TO INSTALL**
- ✓ **ALSO SUITABLE FOR DIFFICULT-SHAPED HANDLES & OBJECTS**
- ✓ **RED CONTROL COLOUR**
- ✓ **EFFORTLESS TO REPLACE WITH A NEW ONE**
- ✓ **DOES NOT CONTAIN ANY ADHESIVE**
- ✓ **AVAILABLE IN MANY DIFFERENT SIZES**

Available sizes Ø: 12,7 mm / 16,0 mm / 19,0 mm / 25,4 mm / 31,8 mm / 38,0 mm / 51,0 mm

Pack size: 25 m

CUSTOM PRODUCT

*Do you have a product you
want to overcoat with
CovidSafe?*

*Contact us and let's make
your product virus and
bacteria free!*

WHERE TO INSTALL?

CovidSafe installation possibilities

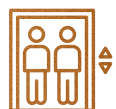
CovidSafe products can be installed on all contact surfaces. The products can be installed both indoors and outdoors. The product range is wide and you can find a suitable temporary protective coating for each installation site that is as easy to install as possible.



- ✓ ELEVATOR BUTTONS
- ✓ HANDLES FOR SHOPPING BASKETS
- ✓ RAILINGS
- ✓ DOOR HANDLES
- ✓ LIGHT SWITCHES
- ✓ DOOR LOCKS
- ✓ TABLES

- ✓ ESCALATOR RAILINGS
- ✓ SHOPPING CART HANDLES
- ✓ WATER TAPS
- ✓ TOILET BUTTONS
- ✓ COUNTERTOPS
- ✓ ARMRESTS
- ✓ RESTAURANTS & CAFES

- ✓ AIRPORTS
- ✓ PUBLIC TRANSPORT
- ✓ NURSING HOMES
- ✓ SCHOOLS AND KINDERGARTENS
- ✓ SHOPPING MALLS
- ✓ HOMES
- ✓ STADIUMS



CovidSafe can protect all contact surfaces from viruses and bacteria!

COVIDSAFE TAPE

CovidSafe tape can be installed on all contact surfaces. Choose a easily removable or permanent adhesive tape according to the intended use. CovidSafe tape can be easily heated with a hot air blower, making installation easier. The tape is suitable for both outdoor and indoor use. When the coating is worn, a red control text on a white background is exposed underneath. The red colour indicates that the tape needs to be replaced.



COVIDSAFE HEAT-SHRINK TUBING

The CovidSafe heat-shrink tubing is designed for all handles, especially for challenging shaped door handles. Installation is easy and quick with a hot air blower. When the coating is worn, a red control text on a white background is exposed underneath. The red colour indicates that tubing needs to be replaced.



COVIDSAFE VINYL MAT

The CovidSafe vinyl mat is our easiest and fastest to install, non-adhesive product. Just cut the mat into the desired shape, e.g. with a carpet knife, and place it on the desired surface. The CovidSafe vinyl mat is suitable for all counters and tables, such as service desks, cash registers, hotel reception desks and lobby tables, conference room tables and coffee tables. When the coating is worn, a red control text on a white background is exposed underneath. The red colour indicates that the mat needs to be replaced.



FAQ

Why protect contact surfaces? How does CovidSafe work?

IS COVIDSAFE COATING NATURAL AND SAFE?

Yes, the coating contains pure and natural metals that are safe for humans and animals. The metals in the product are not known to cause allergic reactions.

WHAT IS THE EFFICACY OF COVIDSAFE BASED ON?

CovidSafe is a patented multi-metal hybrid alloy we have developed. The efficacy of the product is based on the antibacterial effects of pure metals, which have been recognized already thousands of years ago. However, these natural metals alone do not provide fast enough action against microbes. This is why we developed a hybrid alloy to make the most of the benefits of each different natural metal. This way, the efficacy of the product is achieved within seconds instead of minutes or hours!

HOW LONG DOES COVIDSAFE PROTECT?

Parhaimman suojan tarjoaa CovidSafe tuote, jonka pinnoite on yhtenäinen ja ehjä. Tällöin virukset eliminointiaika on sekunteja. Kun pinnoitteen alta paljastuu punainen varoitusväri, tuotteen vaihtotarve lähenee. CovidSafe suojaa tehokkaasti myös kuluneena. Laboratoriotutkimuksissa kulunut suoja eliminoi virukset myös alle minuutissa.

HOW MANY CONTACT TOUCHES CAN COVIDSAFE TAKE?

Shelf life of the product is affected by the installation site, utilization rate, humidity, temperature and other external conditions. At its best, the product can withstand hundreds of thousands of contacts! Mechanical stress, such as sharp or hard objects will wear the coating faster. CovidSafe has been created as a very cost-effective safety coating solution. No wear was observed on the CovidSafe tapes installed on public transport bus after 5 weeks.

WHY CAN THE COATING TARNISH BEFORE WEAR?

CovidSafe coating contains pure and natural metals. Grease and dirt that come off hands can cause tarnishing of the coating surface. Tarnishing is common in metals such as silver spoons or copper pans. Tarnishing does not

reduce the effectiveness of CovidSafe! We have a cleaning agent for tarnishing, which can be found on our TDS.

HOW DO I KNOW IT IS TIME TO REPLACE OUR TEMPORARY COATING?

All CovidSafe products has a red text printed on a white background underneath the coating. When the red text comes visual, product should be replaced with a new one. The product protects very well even when worn out, however, we recommend changing coatings on timely manner.

HOW IS COVIDSAFE DIFFERENT FROM OTHER BACTERIA AND/OR VIRUS ELIMINATING PROTECTORS?

CovidSafe is the only temporary protective coating on the market that eliminates the SARS-CoV-2 virus within seconds (the latest form of the coronavirus that caused the pandemic (COVID-19)). CovidSafe also effectively eliminates bacteria. CovidSafe is the only solution that provides immediate protection and efficacy, thus breaking the infection chains most effectively.

HOW DOES COVIDSAFE HELP BREAK THE INFECTION CHAINS?

CovidSafe works effectively against bacteria and eliminates the SARS-CoV-2 virus within seconds. Only such rapid elimination of microbes efficiently breaks the infection chains. There may be consecutive contact with busy areas in every other second, in which case the product must eliminate microbes from the surface in seconds. Efficacy in minutes, hours or days is not enough.

IS COVIDSAFE SUITABLE FOR ALL DIFFERENT CONTACT SURFACES?

Yes, the product can be installed both outdoors and indoors, and on any contact surface. For best results, install the product on a clean surface. Our product range includes various products that are guaranteed to contain a suitable solution for any surface. All our products has its own TDS.

'PROTECTED SURFACE' LABEL

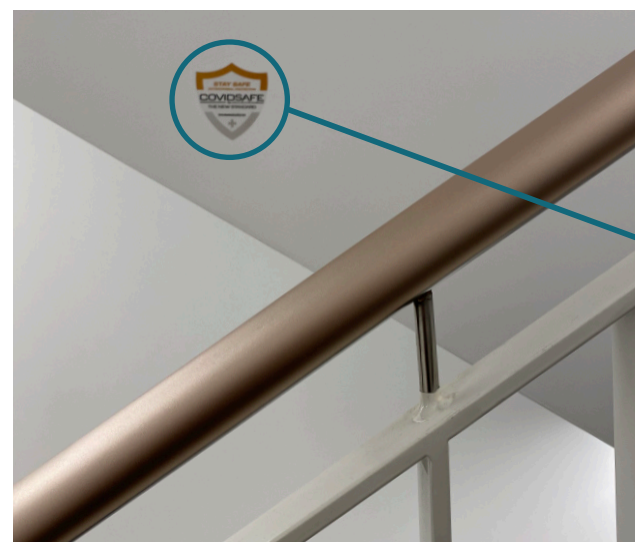
Identify protected surface

HOW DO I KNOW THAT COVIDSAFE TEMPORARY PROTECTIVE COATINGS ARE INSTALLED ON THE SURFACES?

During installation, the CovidSafe label (sticker) placed close to the contact surface indicates clean and safe contact surfaces. CovidSafe is currently available in two colours; rose gold and charcoal grey. Both stand out excellently from the most common contact surfaces, such as door handles or railings. Visuality is important

to us. For this reason, the installed product is easy to see and wear is also easy to notice.

The contact surfaces on which CovidSafe is installed are free of viruses and bacteria. The CovidSafe label affixed during installation communicates above all about cleanliness, but also about the responsibility of the location. This label indicates that this property & business cares about both the well-being of its customers, personnel & co-workers.



The CovidSafe label means the elimination of microbes in seconds. The most effective way on the market to eliminate bacteria and viruses from contact surfaces!

SARS-CoV-2 (COVID-19)

CovidSafe eliminates the coronavirus within seconds

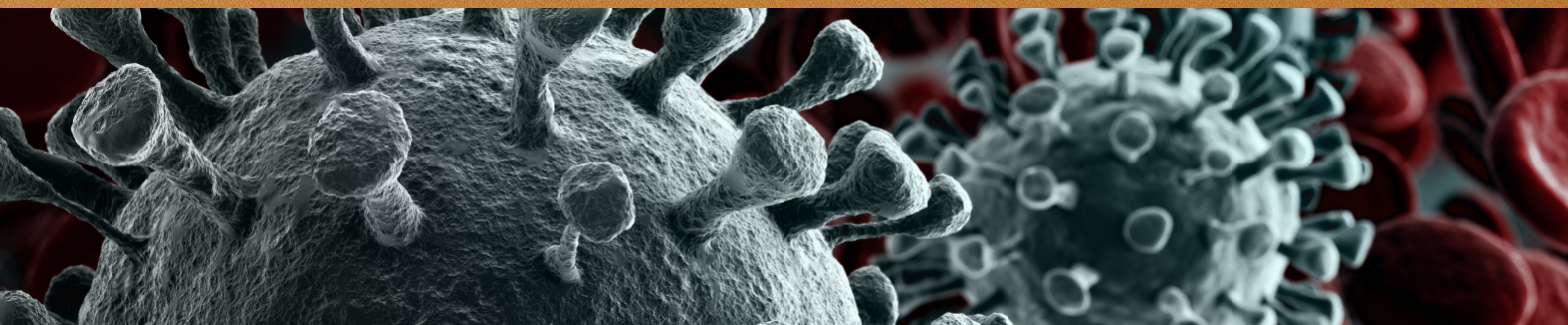
CovidSafe is the most effective temporary protective coating on the market against the latest form of coronavirus, SARS-CoV-2. The efficacy of hours, or even minutes is not enough for us, so we developed a product that works in seconds! Effective elimination of infection chains requires efficacy in seconds..

We are currently testing our product only with live SARS-CoV-2 virus, i.e. the latest coronavirus mutation that caused the global pandemic (COVID-19). Only in this way can we find out the real efficacy of the product against the virus that is raging around the world right now. Our close cooperation with the University of Helsinki guarantees the continuous development and testing of our product with viruses other than SARS-CoV-2 as well.

In the near future, we will focus more broadly on the study of a number of different viruses that are known to be susceptible to spread and cause a significant number of diseases in all age groups.

*"The multi-metal hybrid we have tested is a **unique** and a very interesting mixture whose research results are **clear** under the testing conditions. This adhesive sticker coating is the kind of product on which viruses **quickly** inactivate. The difference is **significant** compared to a surface without this sticker coating."*

Tarja Sironen, PhD
Associate Professor of Emerging infections
Faculties of Medicine and Veterinary Medicine
University of Helsinki



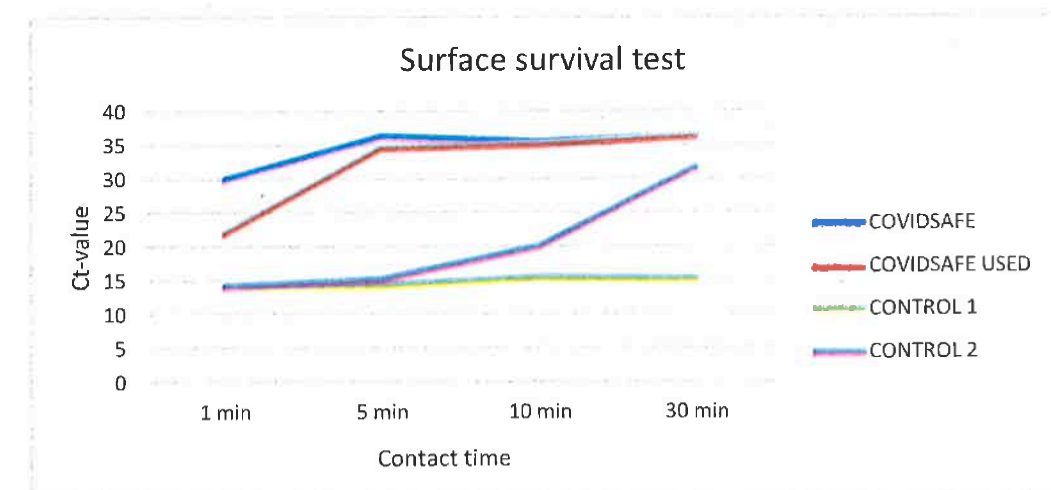
Test 2 report

1 (1)

September 17, 2020
Helsinki, Finland

Test report, University of Helsinki

University of Helsinki has tested the capability of COVIDSAFE to inactivate SARS-coronavirus-2. The testing was performed in a biosafety-level-3 (BSL-3) laboratory with live SARS-CoV-2 from a cultured virus sample. The virus sample was applied on the COVIDSAFE surface as well as control materials, and allowed to air-dry in room temperature for 1 to 30 minutes. After this incubation time, a sample from the virus was added to susceptible cultured cells and the virus viability was tested by allowing virus to infect the cells for the duration of at least 5 days. During this time, if the virus is viable, it will cause a visible cytopathic effect on the cultured cells. Additionally, all samples were checked with qRT-PCR to measure the level of viral RNA copies (relative quantitation). The results are given as qRT-PCR Ct-values (a low value equals high amount of virus RNA). No CPE is observed when the Ct-value is >30 meaning that no infectious particles are present.



Together these findings may be taken to show that in the conditions tested, COVIDSAFE inactivates the virus in less than a one minute contact time. On a used surface, viral RNA is still detected at 1 minute, but this likely represents noninfectious particles as no CPE was observed in the cell culture.

It should be noted however, that the test result may not be the same if tested using other incubation times or conditions. It should also be noted that the virus concentration tested here is considerably higher than those typically observed in non-laboratory conditions. This was done in order to give the surface material a 'maximum' challenge in this test.

Tarja Sironen, PhD
Associate Professor of Emerging infections
Faculties of Medicine and Veterinary Medicine
University of Helsinki



Tarja Sironen

HELSINGIN YLIOPISTO
HELSINGFORS UNIVERSITET
UNIVERSITY OF HELSINKI

BACTERIA

CovidSafe bacterial test results and certificates

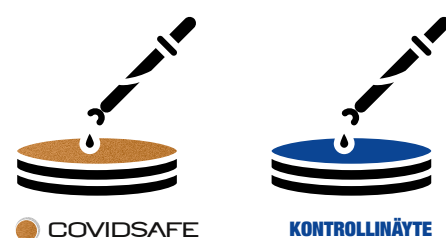
All laboratory tests have been performed in accordance with the standards in accredited laboratories. The incubation period has exceptionally been only 10 minutes, as we require faster efficacy from our products. Thus, the bacteria are allowed to dry on the test surface for as short a time as possible, after which a sample was taken from the surface to analyse the efficacy of the product.

We will continue to regularly test the effectiveness of our products so that the efficacy will be even more versatile in the future. Testing is important to us because tests allow us to simulate day-to-day situations and test the product in the right conditions. Laboratory results are important, but we also place great emphasis on the importance of continuous field testing in product development.

In field tests, products are tested in “real-life situations”, including buses on busy routes where utilization rate is high and the product is subject to significant stress. Our products are always installed on the busiest contact surfaces to maximize the microbial load. We love challenges because we know our products are simply the best and most effective.

*The efficacy of CovidSafe is **proven superior** also to all bacteria. Bacterial reduction on the surface of CovidSafe starts immediately!*

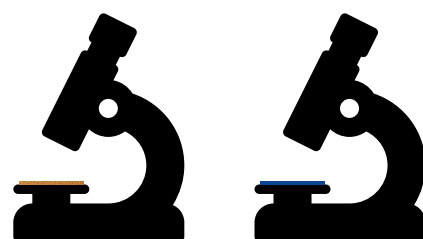
1. CULTURE



2. INCUBATION



3. ANALYSIS



4. COMPARISON



5. RESULTS

Bacterial reduction on the surface of CovidSafe is 99.99%.



Clean Touch Medical Oy

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ANALYSIS CERTIFICATE

1(0)

Project: 203506
Printed: 13.10.2020

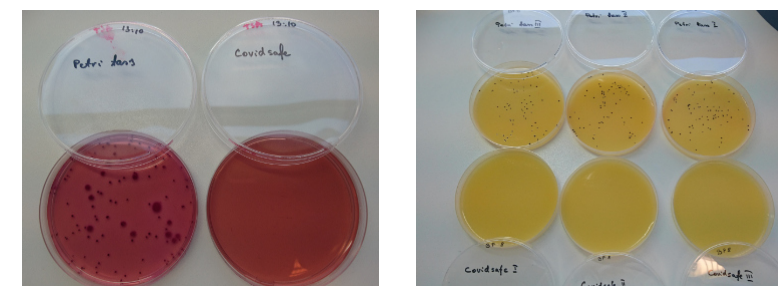
Project name: Disinfectant sticker COVIDSAFE				Reference			
Sample number		041844	041845				
Sample name		Sample from Covidsafe surface	Sample from Petri dish surface				
Sampling date		8.10.2020	8.10.2020				
Analysis started		8.10.2020	8.10.2020				

ANALYSES

Hygiene sample: E coli	cfu / swab	<1	100				ISO 18593:2018
Hygiene sample: Coag. positive staphylococci	cfu/100cm ²	<1	240				NMKL 66:2009

Net-Foodlab Oy

Ülle Hödrejäär
Laboratory manager, microbiologist
Approved 13.10.2020



More info 100µl of test bacteria were transferred to Covidsafe sticker. For comparison surface of clean Petri dish was also challenged with same bacteria. After 10 minutes sample was taken from test material and analyzed according to NFLE lab procedure.

Used bacterial cultures:
Escherichia coli ATCC 8739
Staphylococcus aureus ATCC 25923

Test results apply only to the tested materials. Test report shall not be copied except in total. Measurement uncertainty information of the microbiological methods available upon request.

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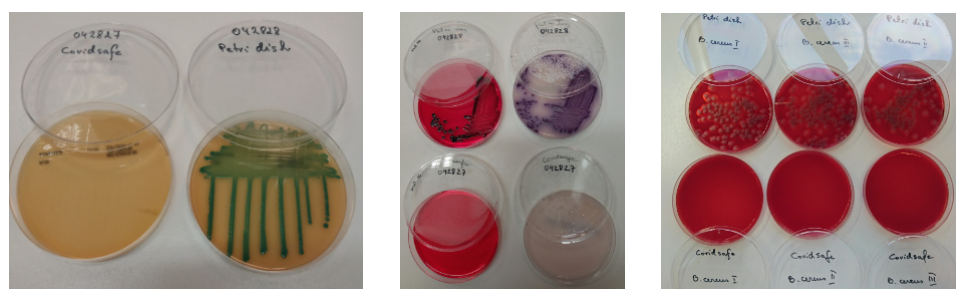
Project name:	Disinfectant sticker COVIDSAFE					Reference
Sample number		042827	042828			
Sample name		Sample from Co-vidsafe surface	Sample from Petri dish surface			
Sampling date		15.10.2020	15.10.2020			
Analysis started		15.10.2020	15.10.2020			

ANALYSES

Hygiene sample - Listeria monocytogenes		Not detected	Detected			Listeria ALOA, in-house method
Hygiene sample: Salmonella spp.		Not detected	Detected			ISO 6579-1:2017/Amd 1:2020
Hygiene sample: Bacillus cereus		<1	400			NMKL 67:2010

Net-Foodlab Oy



Ülle Hödrejäv
Laboratory manager, microbiologist
Approved 19.10.2020



More info 100µl of test bacteria were transferred to Covidsafe sticker. For comparison surface of clean Petri dish was also challenged with same bacteria. After 10 minutes sample was taken from test material and analyzed according to NFLE lab procedure.
Used bacterial cultures:
Bacillus cereus ATCC 11778
Listeria monocytogenes ATCC 13932
Salmonella abony NCTC 6017

Test results apply only to the tested materials. Test report shall not be copied except in total.
Measurement uncertainty information of the microbiological methods available upon request.

Net-Foodlab Eesti OÜ


	Organization unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document title:	Antimicrobial Coating Effectiveness Longevity Test Report	عنوان الوثيقة:	
	Document ref.:	DM-DCLD-F-CP-2161	رقم الوثيقة:	

Request number	CPTR-2020-0071-M	Report number	TR-1552-2020	Test start	23/09/2020
Request date	22/09/2020	Report date	29/09/2020	Test completion	29/09/2020

Customer information

Name	AAKL BEVERAGES L.L.C		
E-mail	8mujahid@gmail.com	Phone No.	055 7622422

Product information

Name	Disinfectant sticker			
Manufacturer	CTM-Clean Touch Medical Finland	Bar code	-	
Brand	COVIDSAFE	Date of manufacture	-	
Country of origin	Finland	Batch / Lot.	-	
Quantity	6	Unit	Pc	
Volume	-	Unit	-	

Laboratory information

Chemistry Laboratories Unit, Consumer products and commodities Laboratories Section, Dubai Central Laboratory
Department, Dubai Municipality, Al Karama Area, Dubai, U.A.E
P.O. Box 67 Dubai, Tel. No.: 00971-4-3027007, Fax: 00971-4-3362696 E-mail: info@dm.gov.ae Website: www.dm.gov.ae

Test description	Antimicrobial Coating Effectiveness longevity					
Test method	DM-DCLD-SOP-CP-2030*					
Test condition	The test product Covidsafe Disinfectant sticker has been challenged with known quantity of test bacteria and allowed to dry in room temperature (10 minutes) at the area of 65 mm diameter and measured the number of surviving bacteria by surface contact plating and calculated the reduction for a period of time along with control sample.					
Test microorganisms	Sampling location	Initial bacterial concentration (CFU/0.1ml)	Duration	Number of bacteria after 24 hr at 35°C		Antimicrobial activity
				Control (CFU/ Plate)	Test (CFU/ Plate)	Reduction percentage (%)
Staphylococcus aureus ATCC 6538	Covidsafe Disinfectant sticker	784	10 seconds	748	<1	99.9
			30 seconds	732	<1	99.9
			1 minute	720	<1	99.9
Escherichia coli ATCC 10536	Covidsafe Disinfectant sticker	814	10 seconds	806	<1	99.9
			30 seconds	792	<1	99.9
			1 minute	788	<1	99.9

Remarks:

Based on the test conducted it has been observed that there is a complete reduction of test bacteria on the Covidsafe Disinfectant sticker in 10 seconds after drying of inoculum.

Note:

- Abbreviation indications: SN = Serial Number, NA = Not Applicable, NC = Not Conducted, ND = Not Detected, NR= Not Requested, LOR = Limit of Reporting, Uexp % = Expanded Uncertainty Percent, DCLD = Dubai Central Laboratory Department.
- The expanded uncertainty is based on a coverage factor k=2, at a confidence level of 95%.
- The results contained herein apply only to the sample submitted and to the specific tests carried out and to the product information provided by the customer.
- (*) Indicates that the test is not accredited by EIAC (Certificate No. 205-LB-TEST).
- For any report that does not have an authentication QR code, do not hesitate to contact cpsreport@dm.gov.ae for clarification.
- This report cannot be used for advertisement, campaign, and legal purpose without our permission.

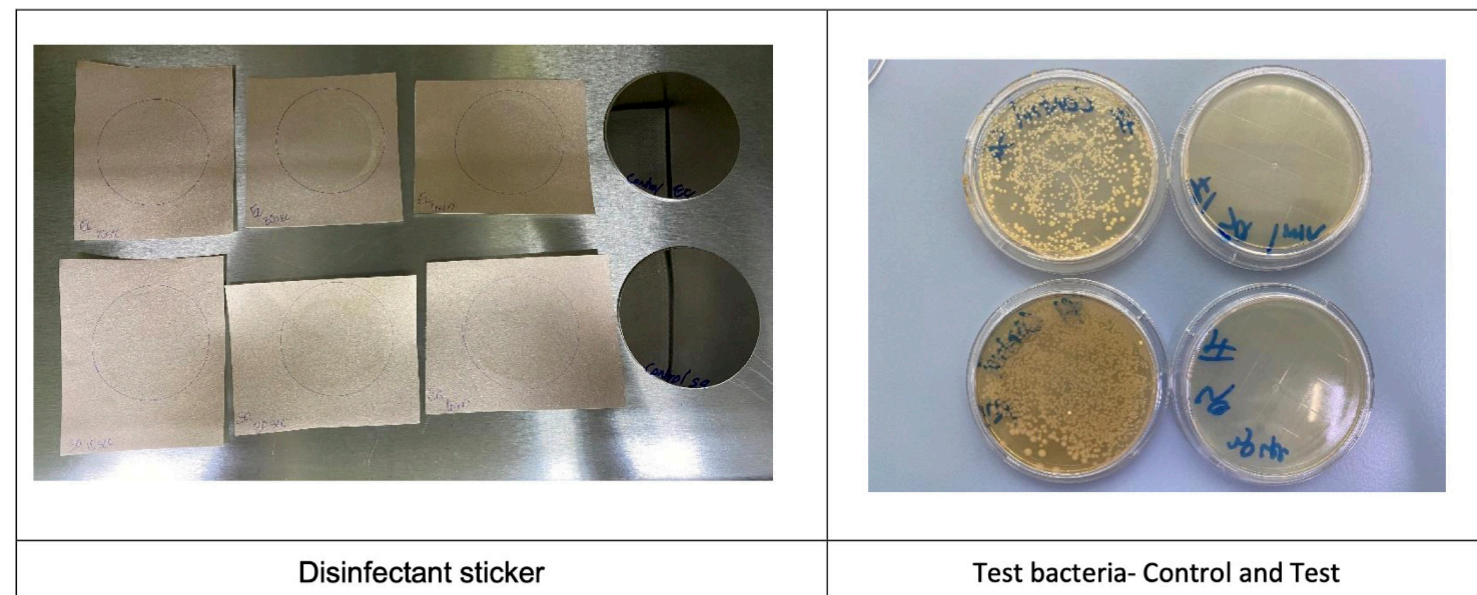
The report is generated and approved electronically and does not require a signature or stamp.

- © 2012-2020 DCLD UAE, all rights reserved. This report shall not be reproduced except in full and with the written approval of the laboratory.

Approved by

Engr Abdulrahman Mohammed Abdulla Al Ali

Consumer Products & Commodities Section Manager

Test photos

Disinfectant sticker

Test bacteria- Control and Test

-END OF REPORT-

The report is generated and approved electronically and does not require a signature or stamp.



FIELD TESTING

Field tests show CovidSafe's efficacy also in heavy use

BEFORE (CovidSafe installed)



AFTER 5 WEEKS



FIELD TESTS IN SUPPORT OF LABORATORY TESTS

Despite the top notch results of laboratory tests, we want to constantly test our product more. Field tests are important to us as they provide the best information on product performance and durability. The results of the field tests will also guide our dealers and installers to better installation and help us further expand our product range.

To test the efficacy and durability of CovidSafe temporary protective coatings, we utilize, e.g. one public transport bus, from which contact surfaces we regularly take bacterial samples. This bus is normally in service on busy routes in the city centre, so the microbial load is significant.

The results of the samples taken from the bus are staggering; the most common disease-causing bacteria are eliminated on the surface of CovidSafe within a few seconds!

The results of the samples taken from the bus are staggering; the most common disease-causing bacteria are eliminated on the surface of CovidSafe within a few seconds!



Clean Touch Medical oy

Valuraudantie 5-7
00700 Helsinki

ANALYSIS CERTIFICATE

1(0)

Project: 203151
Printed: 23.9.2020

Project name:	Surface samples						Reference
Sample number		038659	038660	038661	038662		
Sample name		Sample 1	Sample 2	Sample 3	Sample 4		
Sampling date		15.9.2020	15.9.2020	15.9.2020	15.9.2020		
Analysis started		15.9.2020	15.9.2020	15.9.2020	15.9.2020		

ANALYSES

Hygiene sample: E coli	cfu / swab	<1	<1	<1	<1		ISO 18593:2018
Hygiene sample: Aerobic microorganisms	cfu / swab	60 est	<10	60 est	10 est		ISO 18593:2018
Hygiene sample: Enterobacteriaceae	cfu / swab	<1	<1	<1	<1		ISO18593:2018
Hygiene sample: Coliform	cfu/swab	<1	<1	<1	<1		NMKL 5:2001
Hygiene sample: Mould	cfu /swab	<1	<1	<1	<1		ISO 18593:2018

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Ülle Hödrejäv
Laboratory manager, microbiologist
Approved 21.9.2020

More info Sample 1 handrail situated in the middle of the center door
Sample 2 lower part of the center door handrail
Sample 3 uncovered amrest of the paired facing seats
Sample 4 handle of the first paired chair's backrest situated left hand of the center door

Samples have been taken from Tallinn City Transport after 5 weeks of use. Certificate issued 23.9.20 will replace Certificate issued 21.09.20. Sample locations in english and additional info about samples have been included. Samples have been taken according to the customer's sampling plan.

Test results apply only to the tested materials. Test report shall not be copied except in total. Measurement uncertainty information of the microbiological methods available upon request.

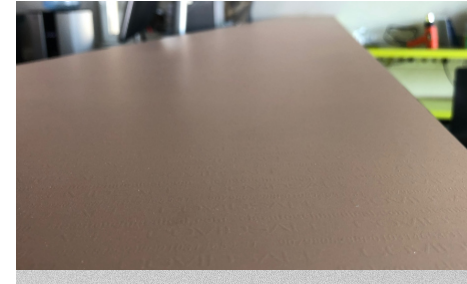
Net-Foodlab Eesti OÜ

REFERENCES

CovidSafe already protects people around the world

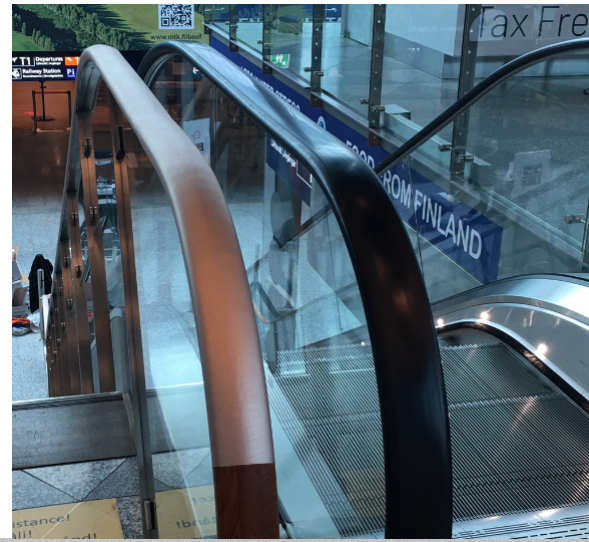


jamk | Jyväskylän ammattikorkeakoulu



CovidSafe temporary protective coatings have already been installed in schools, public spaces, shops, stores, offices, hotels, restaurants and public transport...

FINAVIA



coop



OPTIMIST / DIGITAL



SUOMALAINEN
KIRJAKAUPPA



COVIDSAFE

by clean touch medical

THE NEW STANDARD

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