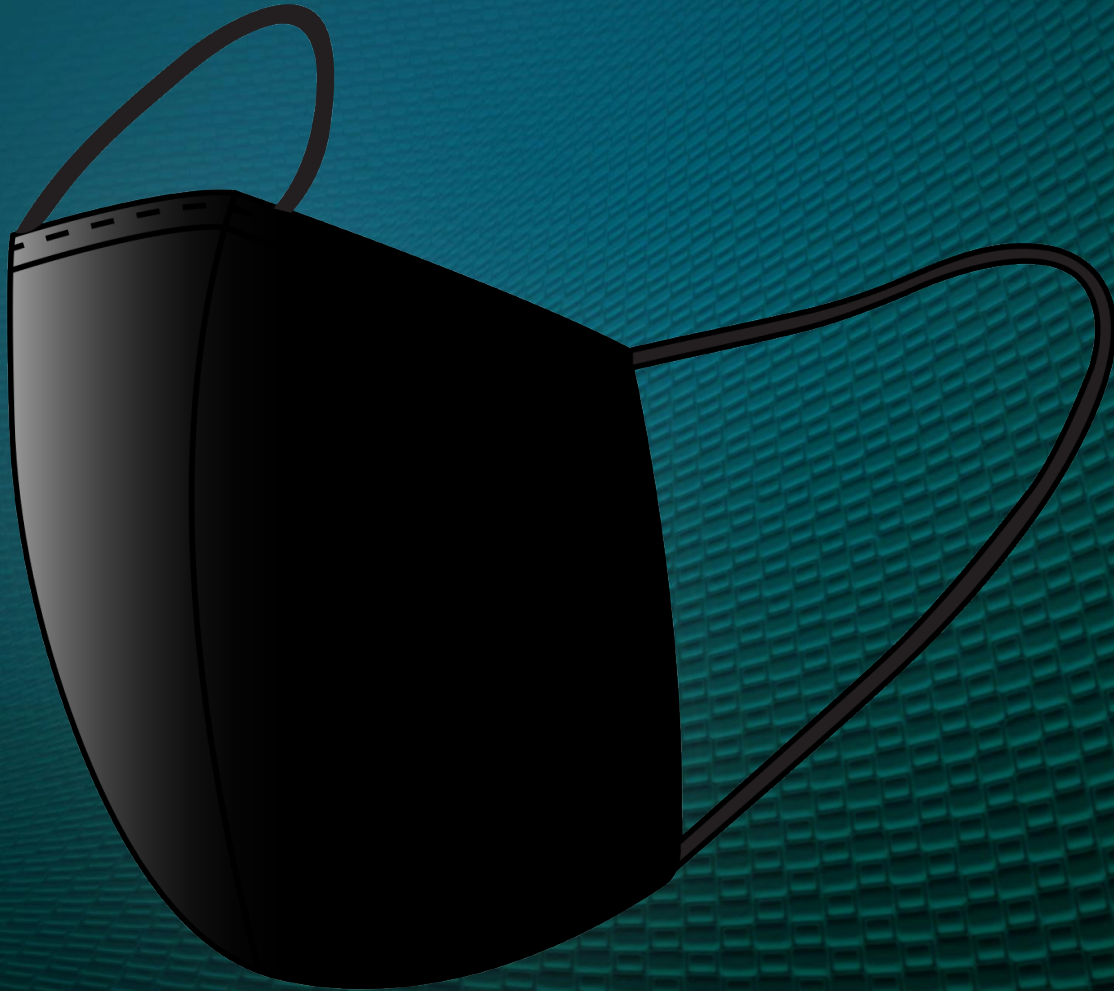


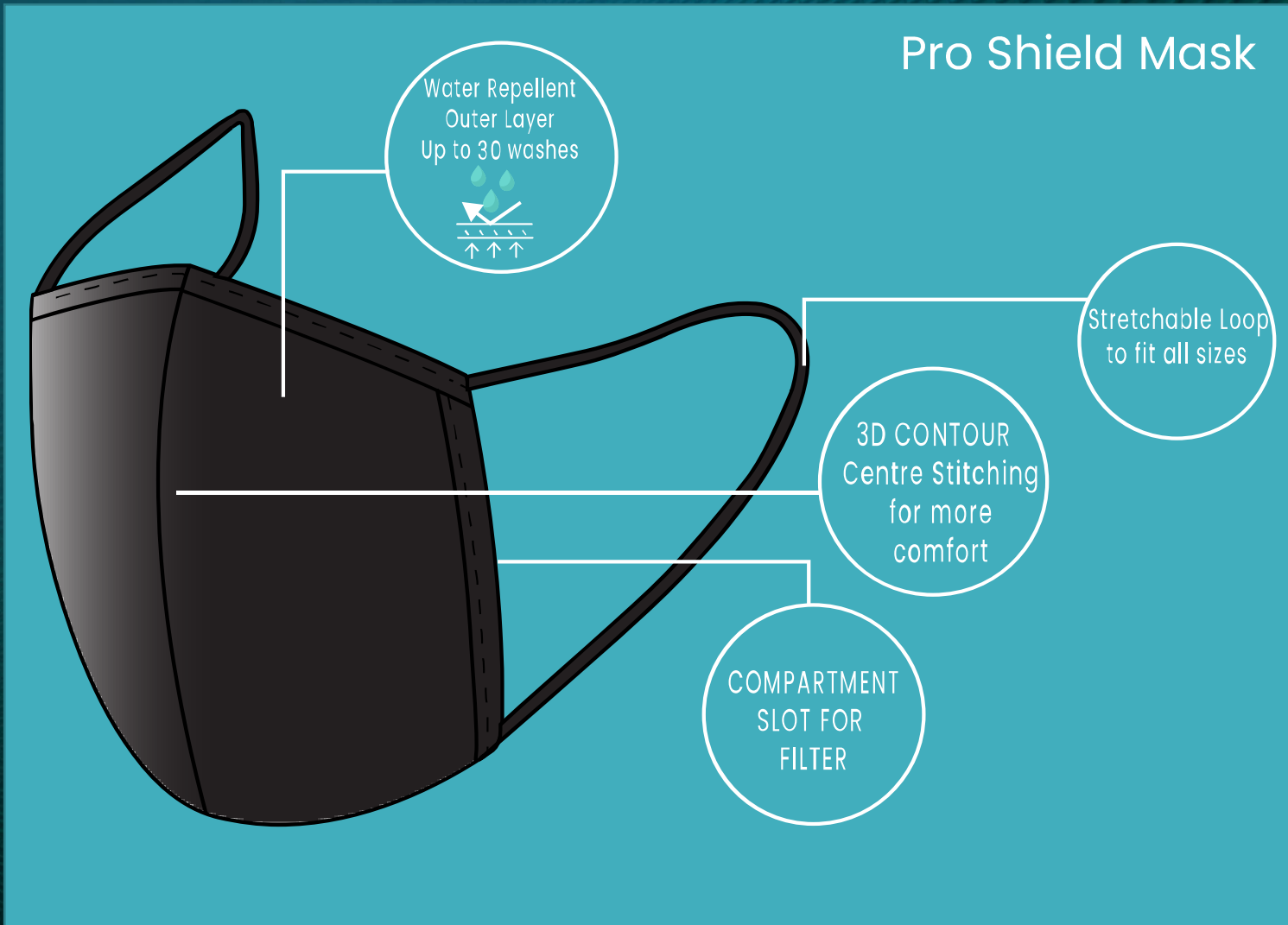
# PRO SHIELD

## Water repellent Face mask



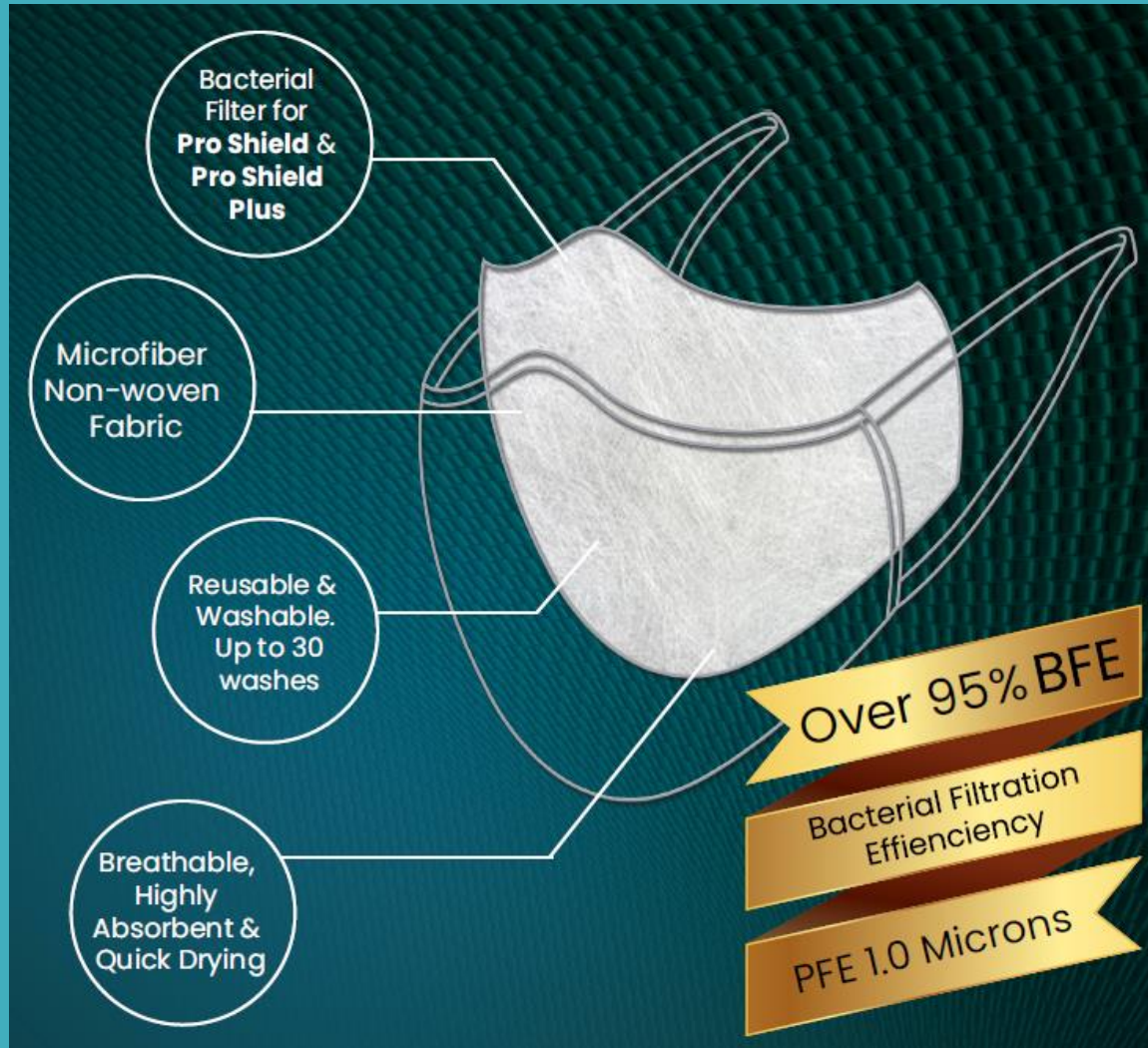
- ☑ ANTIBACTERIAL FUNCTION
- ☑ PREVENT WATER DROPLETS
- ☑ ONE SIZE FITS ALL
- ☑ WASHABLE & REUSABLE
- ☑ ANTI-ALLERGY
- ☑ SAFE FOR KIDS
- ☑ OVER 99% BFE (FOR PREMIUM RANGE)

# WHAT DOES OUR MASK FEATURE?



- Water repellent to prevent water droplet is approved by OEKO-TEX Standard 100 & Bluesign.
- Stretchable, breathable and comfortable.
- AntiBacterial function compliance with BPR Regulation and REACH Regulation.
- Gentle to the skin and dermatologically tested by The British Allergy Foundation.
- Oeko Tex 100 and Bluesign certification Is safe for children that harmful chemicals and substances are not present in the fabric used.
- Washable and reusable. Prevent wastage of surgical mask.
- Quick Dry Technology.
- Over 99% BFE by Intertek Microbiology Laboratory Achieves Bio-Safety Level 2. (For Premium range Only).

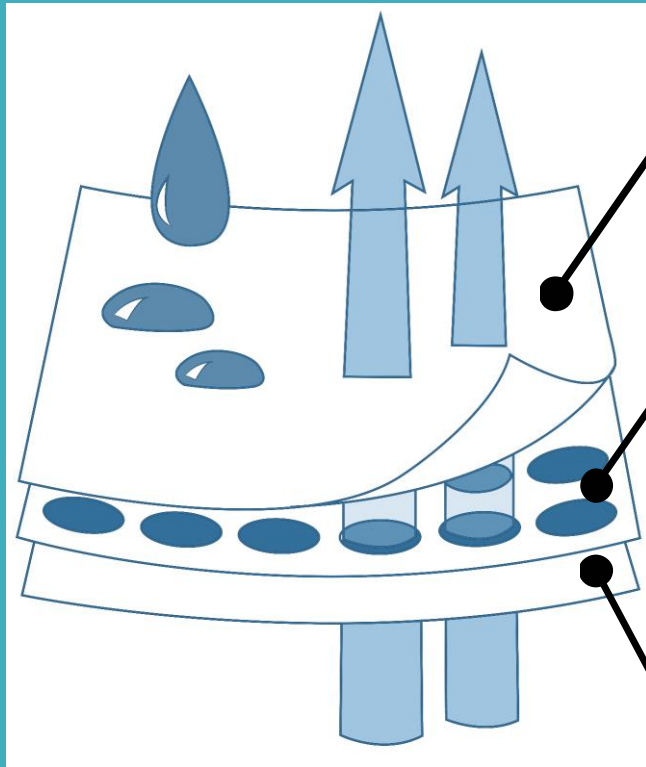
# WHAT DOES OUR FILTER FEATURE?



# WATER REPELLENT AND BREATHABLE OUTER LAYER

Water  
Resistant

Breathable

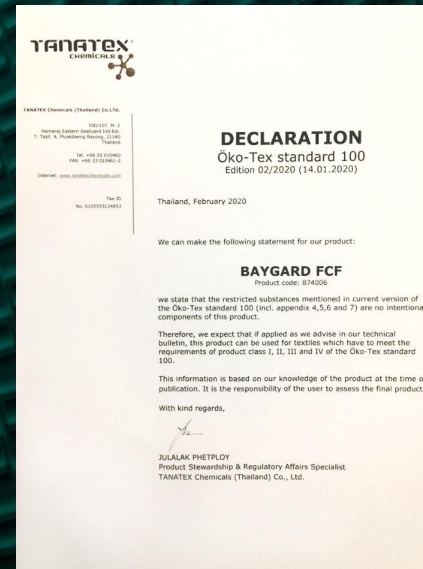


Anti-bacterial  
Outer Layer

Membrane  
100% waterproof  
100% breathable

Anti-bacterial  
Inner Layer

- Water repellent layer can used up to 30 washes.
- High concentrated, very effective, nonionic, C6 based repellent agent with good oil- and optimum **water repellency**.



# ANTI BACTERIAL FUNCTION

Sanitized® products are in compliance with the current BPR regulation

SANITIZED AG ensures the compliance of our Sanitized® products with the Regulation (EU) No 528/2012, the BPR.

All Sanitized® products comply with Commission's decisions concerning the non-inclusion of sub-stances.

Sanitized® products are in compliance with the REACH regulation

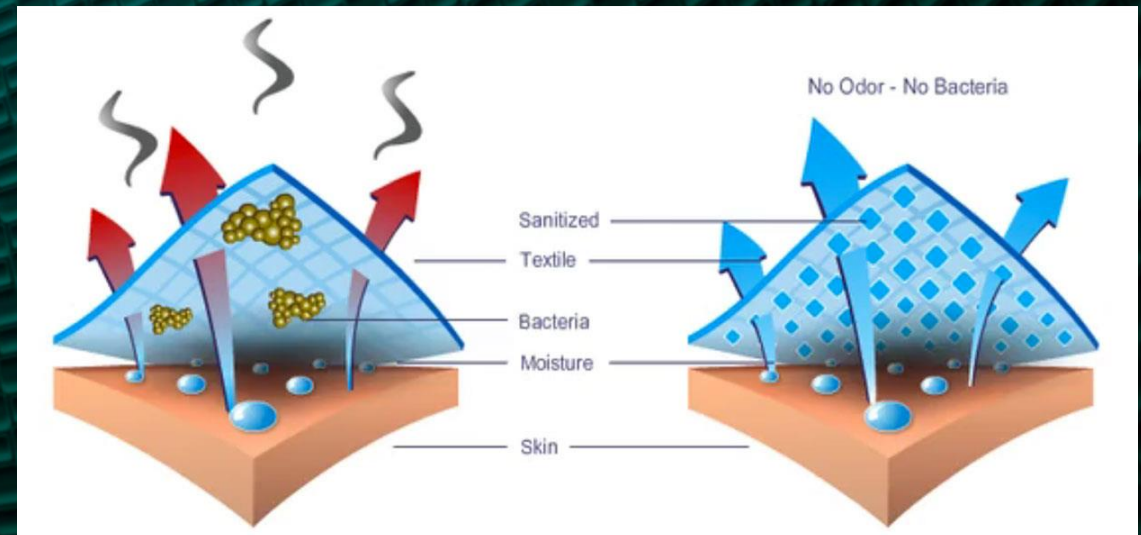
Active substances, exclusively produced or imported for use in biocides are considered registered according to article 15 paragraph 2 of the REACH regulation concerning chemical substances. All products of the Sanitized® range are biocides in the sense of the European BPR. REACH compliance is insured for additives which are not subject to the regulations of the BPR and are used in Sanitized® formulations.

Sanitized® products do not contain SVHC

The Regulation (EU) No 528/2012, the REACH Regulation, defines Substances of Very High Concern (SVHC) in Article 57.

SANITIZED AG confirms herewith that all Sanitized® products do not contain SVHC as published by ECHA up to 16.12.2013 (Press Release).

Excepted is SANIPROT 89-08 which contains the SVHC candidate 1-Methyl-2-pyrrolidone (CAS No 872-50-4).



# Over 95% BFE (Bacterial Filtration Efficiency)

For Premium Range only

The Bacterial Filtration Efficiency (BFE) test is performed on filtration materials and devices that are designed to provide protection against biological aerosols, such as face masks, surgical gowns, caps, and air filters.

Used as filter medium for washable masks or surgical masks.  
Reusable & washable at 95°C with no degradation to texture.  
Class A Performance for

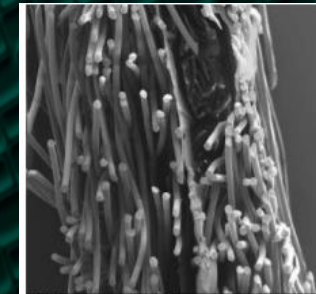
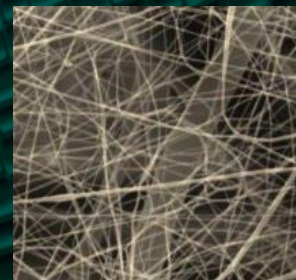
- Dimensional stability to washing (*ISO 6330:2000*)
- Colorfastness to washing (*BS EN ISO 105 C06:2010*)
- Rubbing (*BS EN ISO 105 X12:2016*)
- Pilling (*ISO 12945-2:2000*)

Allergy Relief Material (ECARF)

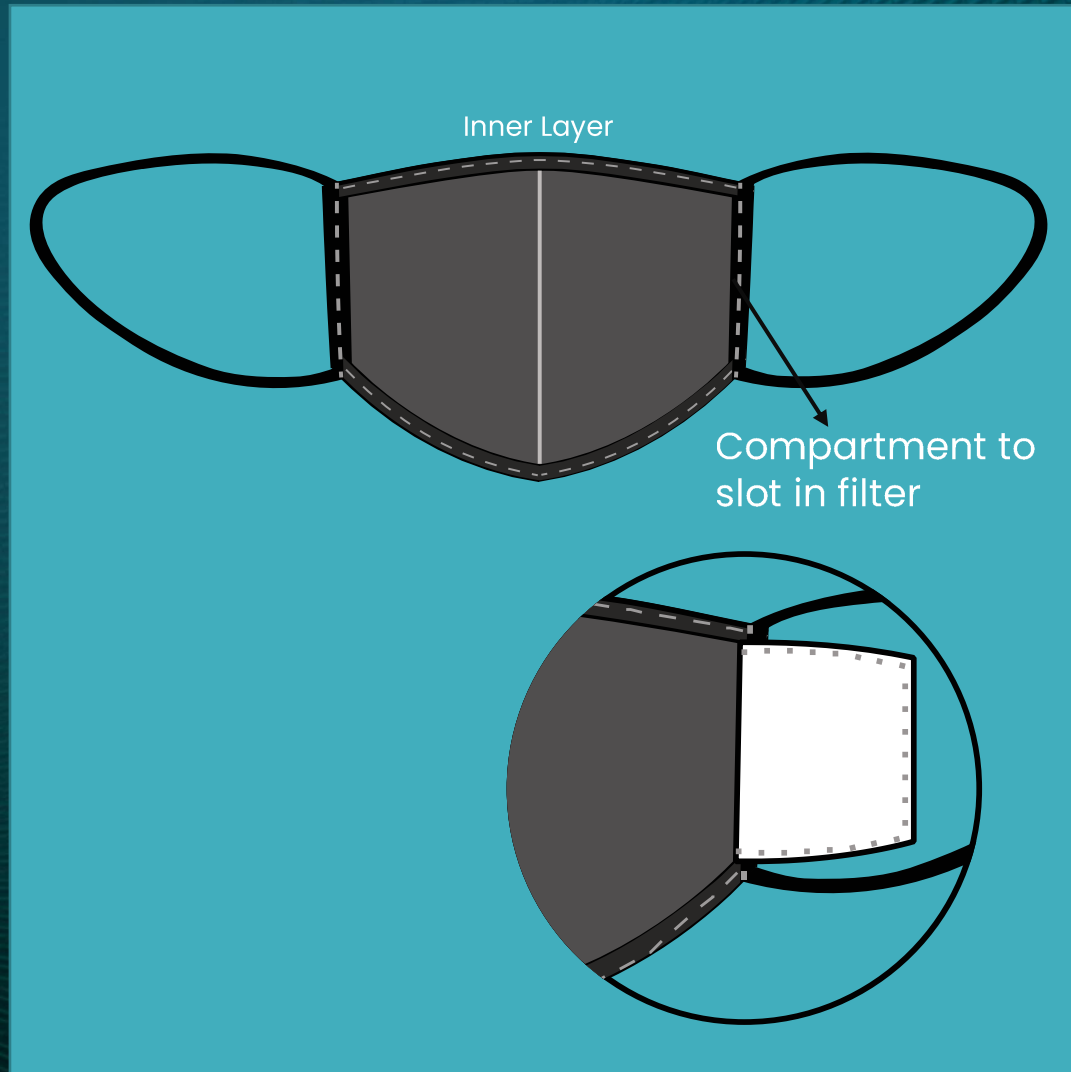
- Skin friendly' and an anti-allergenic and non-toxic fabric.
- ECARF certification for 'Allergy-Friendly Products and Services.

Suitable for Babies and Young Children  
(*OEKO-TEX® Standard 100 Class 1*)  
Breathable , Highly Absorbent & Quick Drying.

Awarded Certifications: ISO 9001 (Quality) ,  
ISO 14001 (Environment),  
OHSAS 18001 (Safety)  
ISO 50001 (Energy Management Systems)



# Filter Compartment Available (If Required) and How to Use



# TESTED & CERTIFIED PRODUCT

## QUALITY GUARANTEED



### ANTI-ALLERGY GENTLE TO THE SKIN AND DERMATOLOGICALLY TESTED

ProShield help people with allergies living more easier. It has been reviewed, tested and approved by ARL.



### SUSTAINABLE GLOBAL TEXTILE , SAFE FOR KIDS

ProShield Face Mask are not resource-intensive and are manufactured with minimal harmful substances to ensure that they are sustainable and do not harmful our planet.



### OUR COMMITMENT TO SUSTAINABILITY

ProShield Face Masks seek to align themselves with the global chemical industries initiative. To drive continuous improvement in health, safety, and environmental performances.



### ANTI-BACTERIAL FUNCTION

ProShield Face Mask ashere to BPR and Reach Regulations and do not contain SVHC.



### SUSTAINABLE WATER REPELLENT FINISHES

ProShield Face Mask have water-repellent finishes that allow users to use it anytime, any day and any weather.



### Over 90% BFE BACTERIAL FILTRATION EFFICIENCY Over 99% ANTI-BACTERIAL FUNCTION


Pro Shield Face Mask has similar components to medical face mask as it comprises 4 Ply Construction which ensures 90% Bacterial Filtration Efficiency. It's still effective to wear after 20 washes to prevent the spread of aerosols from sneezes and coughs tested by Intertek.



# TESTED & CERTIFIED PRODUCT

## QUALITY GUARANTEED

### WATER REPELLENT CERT



TANATEX Chemicals (Thailand) Co., Ltd.  
506/107 M. 2  
Hemraj Eastern Seaboard Ind. Est.  
T. Taat A. Phukdaeng Raying, 21140  
Thailand  
Tel. +66 33 010460  
FAX. +66 33 010461-2  
Internet: www.tanatexchemicals.com  
Tax ID  
No. 010555314853

### DECLARATION

Öko-Tex standard 100  
Edition 02/2020 (14.01.2020)

Thailand, February 2020

We can make the following statement for our product:

### BAYGARD FCF


Product code: 874006

we state that the restricted substances mentioned in current version of the Öko-Tex standard 100 (incl. appendix 4,5,6 and 7) are no intentional components of this product.

Therefore, we expect that if applied as we advise in our technical bulletin, this product can be used for textiles which have to meet the requirements of product class I, II, III and IV of the Öko-Tex standard 100.


This information is based on our knowledge of the product at the time of publication. It is the responsibility of the user to assess the final product.

With kind regards,



JULALAK PHETPLOY  
Product Stewardship & Regulatory Affairs Specialist  
TANATEX Chemicals (Thailand) Co., Ltd.

### ANTI-MICROBIAL CERT



CH-Burgdorf, 20.12.2013

### Sanitized® products in compliance with BPR and REACH

Sanitized® products are very widely used on a great variety of materials. As responsible specialists for antimicrobial finishing with a broad spectrum of applications, we attach great importance to the safety of all Sanitized® products for man and environment.


As responsible specialists for antimicrobial finishings, SANITIZED AG only applies active substances or additives fulfilling the requirements of Regulation (EU) No 528/2012 (the Biocidal Products Regulation, BPR) and Regulation (EC) No 1907/2006 (REACH).

**Sanitized® products are in compliance with the current BPR regulation**  
SANITIZED AG ensures the compliance of our Sanitized® products with the Regulation (EU) No 528/2012, the BPR.  
All Sanitized® products comply with Commission's decisions concerning the non-inclusion of substances.


**Sanitized® products are in compliance with the REACH regulation**  
Active substances, exclusively produced or imported for use in biocides are considered registered according to article 15 paragraph 2 of the REACH regulation concerning chemical substances. All products of the Sanitized® range are biocides in the sense of the European BPR.  
REACH compliance is insured for additives which are not subject to the regulations of the BPR and are used in Sanitized® formulations.

**Sanitized® products do not contain SVHC**  
The Regulation (EU) No 528/2012, the REACH Regulation, defines Substances of Very High Concern (SVHC) in Article 57.  
SANITIZED AG confirms herewith that all Sanitized® products do not contain SVHC as published by ECHA up to 16.12.2013 (Press Release).  
**Excepted is SANIPROT 89-08 which contains the SVHC candidate 1-Methyl-2-pyrrolidone (CAS No 872-50-4).**

SANITIZED AG



Dr. Peter Stutte  
Head of Technical Department



Carmen Schneider  
Regulatory Affairs Specialist

Please note: this statement is valid for one year

SANITIZED AG | Lyssaachstrasse 95 | P.O. Box 1449 | 3401 Burgdorf | Switzerland | info@sanitized.com | www.sanitized.com 1/1

### ANTI-ALLERGY / SUSTAINABILITY / SAFE FOR KIDS CERT








- › Gentle to the skin and dermatologically tested.
- › “Allergy UK”, “OEKO-TEX Standard 100”, “bluesign®”, and “Responsible Care” approved.
- › Gives consumers peace of mind.
- › Saves energy and water during the entire life cycle of the article.

# TESTED & CERTIFIED PRODUCT

## QUALITY GUARANTEED

### WATER REPELLENT TEST

#### Observations reported

Test Sample Id	Wetness on exposed side	Observations		
		Wetness on other side of masks	Formation of water droplet on the other side of masks	Others
Control (no mask) replicate 1	NA	NA	NA	NA
Control (no mask) replicate 2	NA	NA	NA	NA
Decks 1 -replicate 1	Wetness not obvious	wetness did not penetrate to the other side of the mask	Not obvious by naked eye; no droplet	
Decks 1 -replicate 2	Wetness not obvious	wetness did not penetrate to the other side of the mask	Not obvious by naked eye; no droplet	
Decks 2 - replicate 1 (with fleet)	Wet	wetness did not penetrate to the other side of the mask	Not obvious by naked eye; no droplet	
Decks 2 - replicate 2 (with fleet)	Wet	wetness did not penetrate to the other side of the mask	Not obvious by naked eye; no droplet	

Tester:

Bala, Agnes, Ashlynn

Date:

20-Mar-20

Confidential

3

### ANTIBACTERIAL TEST



#### TEST REPORT

NUMBER : SINT20802124  
DATE : 19-Mar-2020

TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

#### 1. Anti-Bacterial Finishes on Textile Materials (AATCC 100-2012)

Staphylococcus Aureus AATCC 6538 (CFU/Sample)

Requirement

0 Hour (B) 1.37x10<sup>5</sup>  
24 Hour (A) <100  
% Reduction (R) >99.93

-

#### REMARK:

CFU /SAMPLE = COLONY FORMING UNIT PER SAMPLE

(%) Reduction (R) = 100 (C-A) / C

#### WHERE:

(A) =THE NUMBER OF BACTERIA RECOVERED FROM THE INOCULATED TREATED TEST SPECIMEN SWATCHES IN THE JAR AFTER "24 hrs" CONTACT TIME

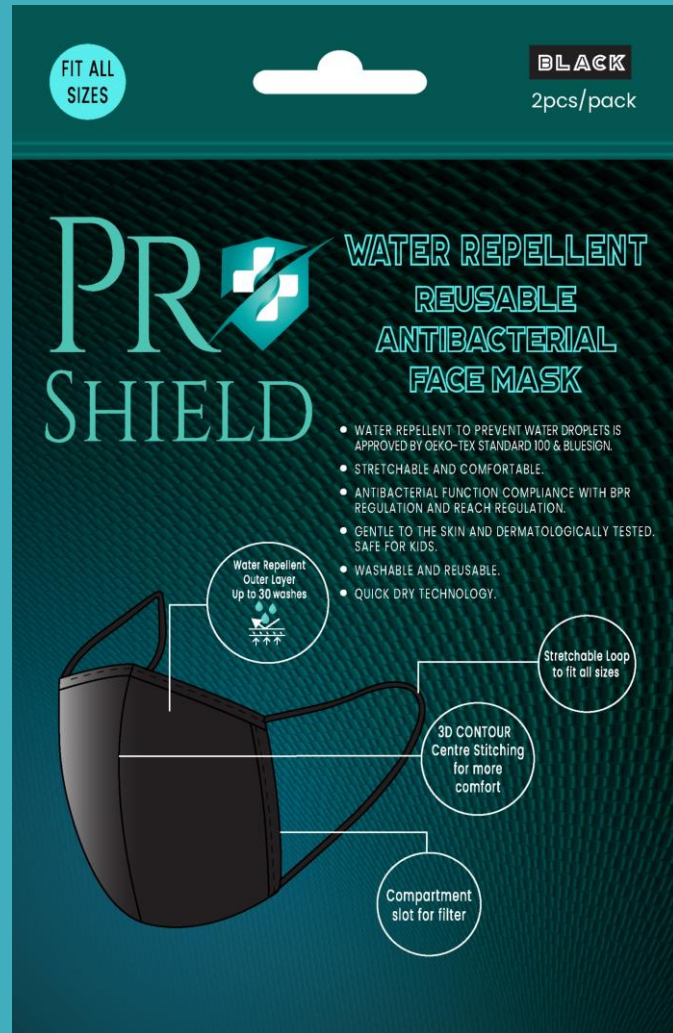
(C)=THE NUMBER OF BACTERIA RECOVERED FROM THE INOCULATED UNTREATED CONTROL SWATCHES IN THE JAR AT "0 hr" CONTACT TIME

## END OF THE TEST REPORT ##

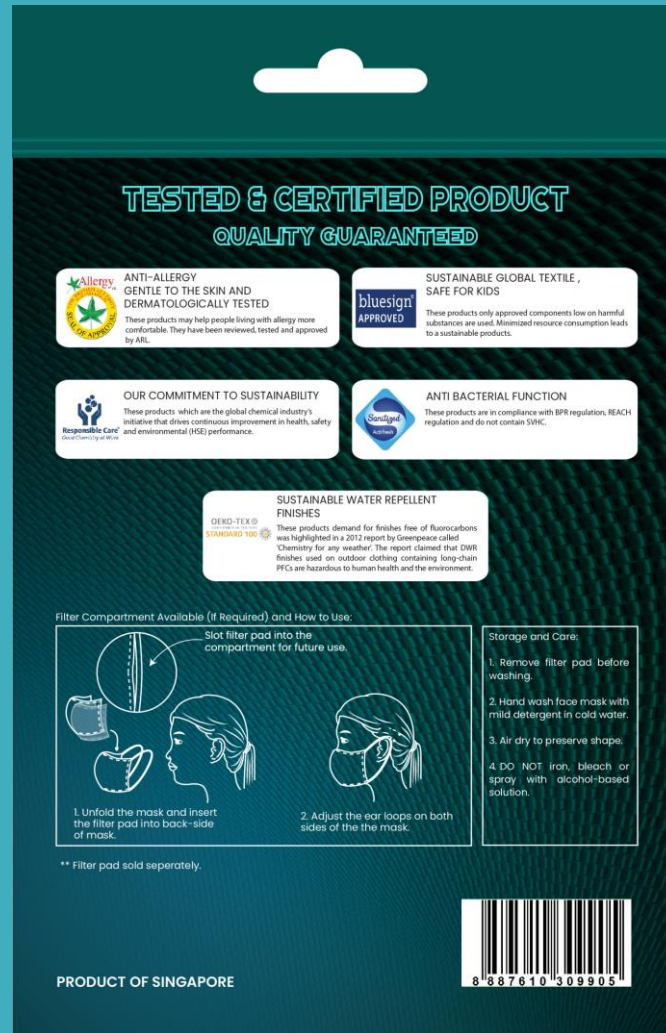
This report (including any enclosures and attachments) are prepared for the exclusive use of the Customer(s) named in the report and solely for the purpose for which it is provided and on the basis of instructions and information and/or materials supplied by Intertek's Customer. The test results relate only to the specific items tested and are not intended to be a recommendation for any particular course of action. Customer is responsible for acting as it sees fit on the basis of such results. Unless Intertek provide express prior written consent, no part of this report should be reproduced, distributed or communicated to any third party. Intertek do not accept any liability if this report is used for an alternative purpose from which it is intended, nor do Intertek owe any duty of care to any third party in respect of this report. Except where explicitly agreed in writing, all work and services performed is governed by Intertek Standard Terms and Conditions of Service which is available on request or can be obtained at <http://www.intertek.com/terms>.

# Pro Shield Packaging

133.6MM



FRONT



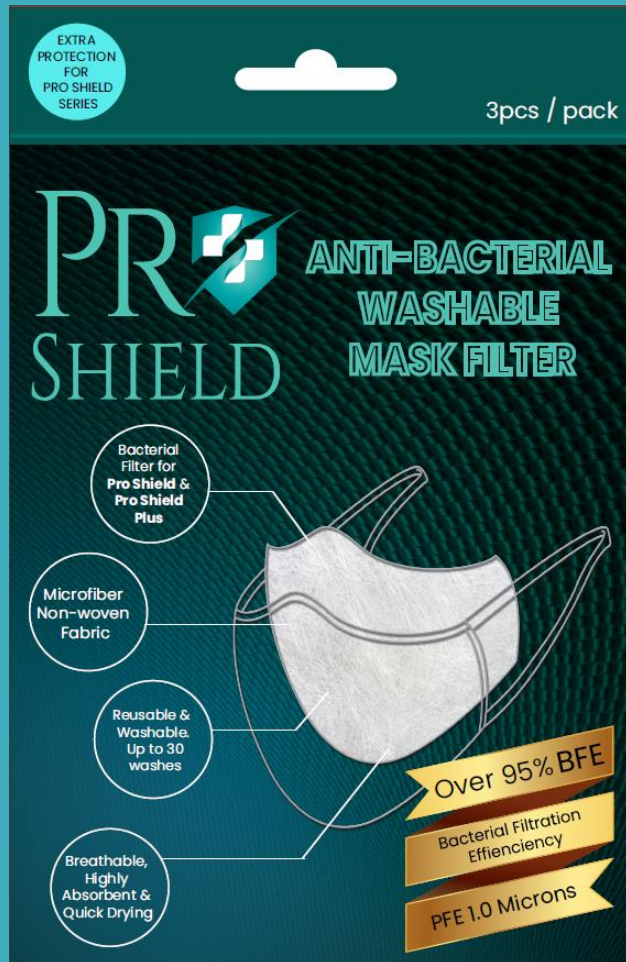
BACK

210MM

PRODUCT OF SINGAPORE



# Pro Shield Filter Packaging



FRONT



BACK