



Washable Silver ION 30ppm (KILL Virus) Antimicrobial Knitted Smart Fabric Mask

1. Above >99% (inner & outer layer) antibacterial & antiviral
2. REMOVE Odor, lasting fresh
3. Dust resistant
4. Wash resistant- durable for long term use (cost saving & eco-friendly)
5. Water resistant
6. Light resistant - anti-UV UPF50
7. Heat resistant (up to 130°C)
8. Soft, comfortable, sensitive skin friendly
9. HIGHLY Breathable
10. Safe & reliable- 5 unique international safety certificates (Japan SEK, REACH, Oeko-Tex, US EPA, BPR)



Empowered by
DUPONT





ISANI[®]
Silver Ion Mask

Wear Smart, Cost Saving with Best Protection



ISANI Silver Ion antimicrobial smart fabric mask infused with Silver Ion 30ppm that able to Kills viruses instantly by using **SILVADUR** patented antimicrobial technology and empowered by **DUPONT**.

This high quality mask brings the best protection to you and your family against virus with extra comfort, softness, odorless and highly breathable that keeps your mask stay fresh and free from virus.

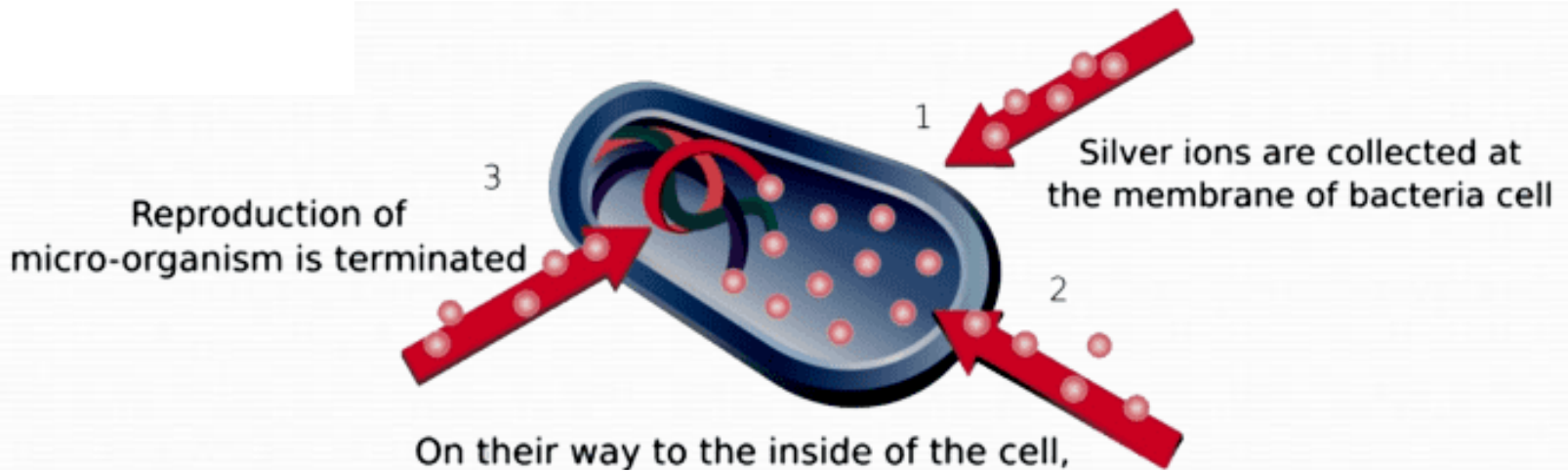
www.ISANI.com.my

Empowered by

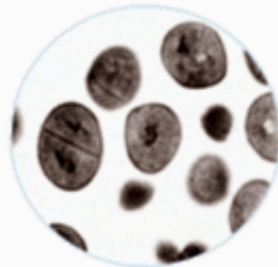




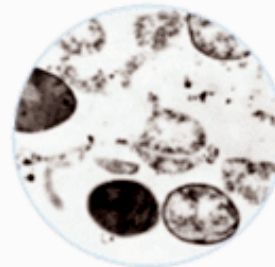
Antibacterial Mask polymer-containing silver technology releases silver ions to **neutralize odor-causing bacteria and tested to kill 99.9% of germs, bacteria & virus**

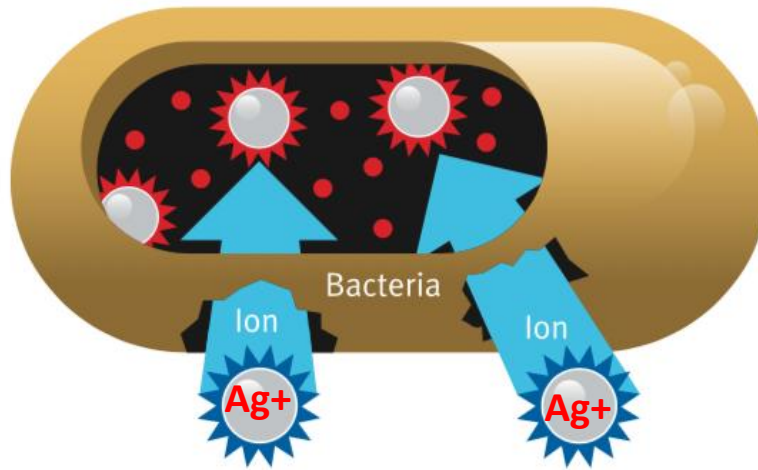


Bacteria before the effect of silver ions



Bacteria after the effect of silver ions





Silver ions destabilise cell membrane, stop respiration and inhibit cell division, whilst blocking the replication of DNA

Kill Rate

Pathogen	Control	Structured Silver
Staphylococcus aureus	0%	99.90%
MRSA	0%	99.89%
Pseudomonas aeruginosa	0%	99.93%
E-coli	0%	99.91%
Salmonella	0%	99.99%
Candida albicans	0%	99.97%
Streptococcus	0%	99.99%





Lasting antibacterial properties of different fabrics

30ppm Ag, 50 home washes, ISO 20743-2007 antibacterial test

SampleID	100% Cotton			
	Initial	5 home washing	20 home washing	50 home washing
SILVADUR 900	>99.9%	>99.9%	>99.4%	>99.0%
SILVADUR 961	>99.9%	>99.9%	>99.0%	>99.4%



silvadur.
Smart antibacterial fabric

Fabric Specification

Stay Fresh/Wash Less/More Safe

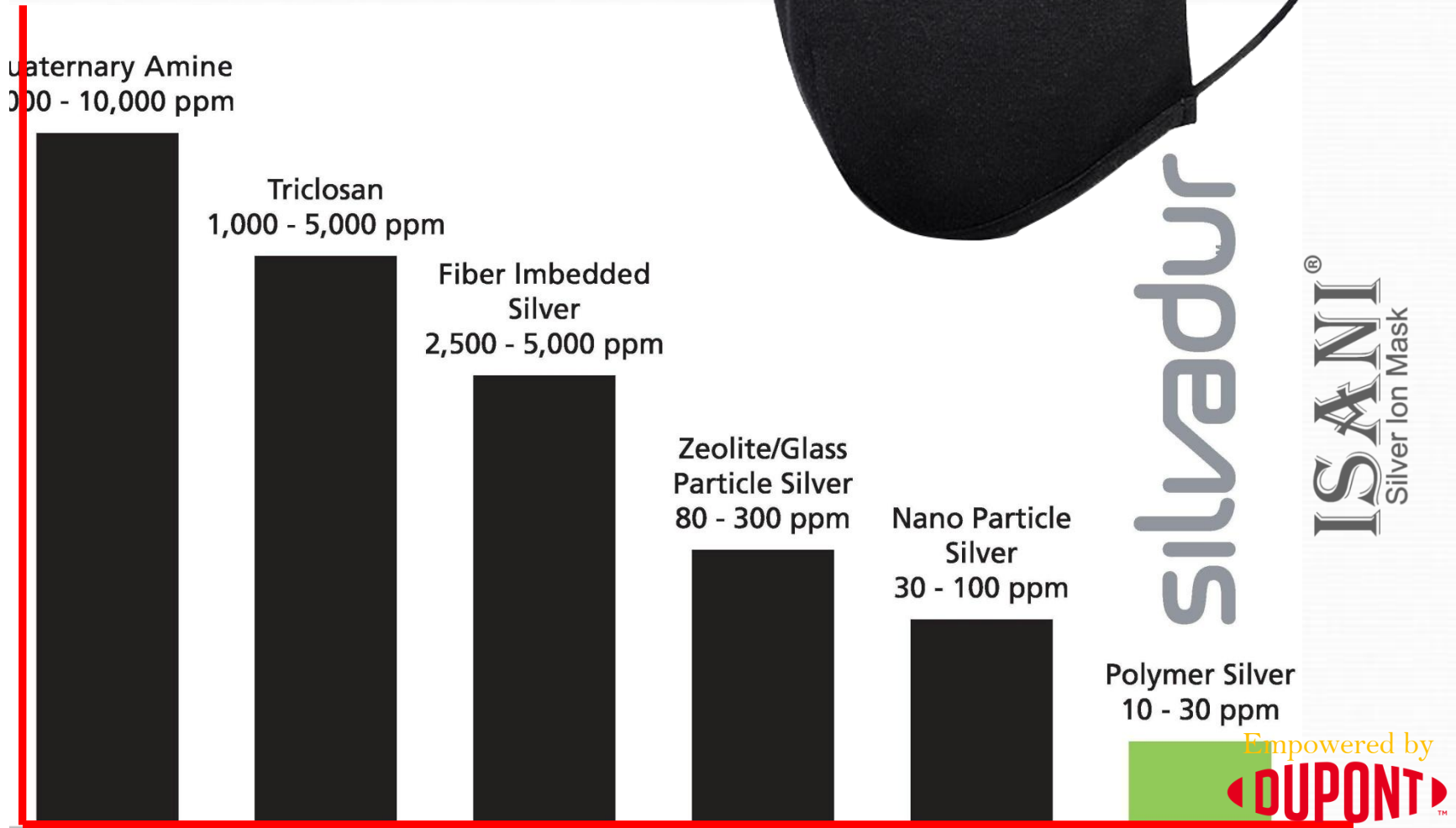
Product name	Cloth number	Raw material	Effective width(cm)	Gram weight gm/m2	Ingredient	Stock color
Plain weave	XR1172AT	26S/1 Cotton	183	160	100% Cotton	Black/white



Amount of Active ingredient (ai) required on Fabric



Amount of Active Ingredient (ai) required on Fabric



silvador.
Smart antibacterial fabric

ISANI[®]
Silver Ion Mask



Lasting Protection /

Up to the national "FZ T 73023 Antibacterial Knitwear"
AAA level standard

Heat resistant , Wash , Resistance to light

Durable: Over 50 times Powerful: Anti-bacterial>99%

Odor Control /

Smart fresh antibacterial technology can provide
fresh feeling all day

Safe and reliable /

Through various international authoritative certifications,
the **five unique safety certifications** ,
also strictly control the products in accordance
with the cosmetic grade testing standards.



5 Unique International Safety Certifications



Tested Japan **SEK** Antimicrobial Finished Product



Passed **REACH** Safety Certification



Have joined the international Environment Textile Association (**International Oeko-Tex Association**) Recommended antibacterial product list



Registered with the US Environment Protection Agency (US EPA)

- ✓ Human risk assessment by U.S. EPA
- ✓ Risk assessment for worst-case antibacterial treatments
- ✓ The fabric processed by **SILVADUR**, after soaking in sweat the concentration of free silver ions is far below the risk threshold



Bluesign Systempartner
Passed **Biocidal Products Regulations (BPR)** security certification

AAA LEVEL STANDARD

Double Protection

Up to the national "FZ T 73023 Antibacterial Knitwear"



ISANI[®]
Silver Ion Mask

silvadur
Smart antibacterial fabric

Empowered by
DUPONT[™]





Antibacterial



Safety



Repeated washing



Block dust



High elastic mounting ears



Soft and breathable



silvador.
Smart antibacterial fabric

Smart antibacterial technology

Revolutionary technology, known as the "Innovation Oscar" in the technology industry

SILVADUR-Innovation in
Textile Antibacterial Technology



Exert greatly natural power of silver ions

- Intelligent control of silver release
- Silver Lithium + Intelligent Controlled Tilling Group
- Up to the national "FZ T 73023 Antibacterial Knitwear" AAA level standard, antibacterial effectively
- Heat-resistant, wash-resistant, light-resistant, keep the bacteriostatic rate above 99% after washing more than 50 times
- Safe and reliable
- Remove odor, lasting fresh

ISANI[®]
Silver Ion Mask

Empowered by
DUPONT[™]





SPECIFICATIONS/ SIZES



ADULT size



KIDS size
(3-10 years old)



BABY size
below 3 years old



Empowered by
DUPONT[™]

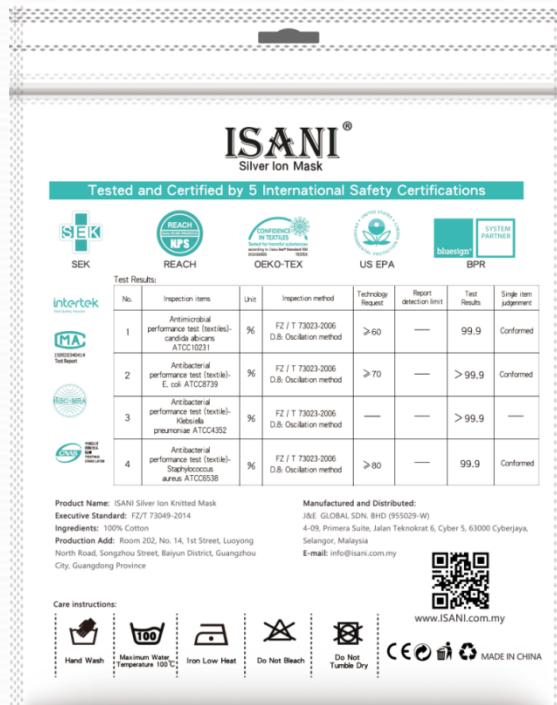




Washable Silver ION 30ppm (KILL Virus) Antimicrobial Knitted Smart Fabric Mask



Actual Packaging View



NO.1

4 Dimensions View





中国认可
国际互认
检测
TESTING
CNAS L0139

Report No.: SHOJ20004160002

Sample name	Judgement standard	Conclusion
Polyester cotton knitted antibacterial fabric XR205SAT	FZ / T 73023-2006 D.8: Oscillation method	See individual judgment

Test Results:

No.	Inspection Items	Unit	Inspection method	Technology Request	Report detection limit	Test Results	Single item judgement
1	Antimicrobial performance test (textiles)-candida albicans ATCC10231	%	FZ / T 73023-2006 D.8: Oscillation method	≥60	—	99.9	Conformed
2	Antibacterial performance test (textile)-E. coli ATCC8739	%	FZ / T 73023-2006 D.8: Oscillation method	≥70	—	> 99.9	Conformed
3	Antibacterial performance test (textile)-Klebsiella pneumoniae ATCC4352	%	FZ / T 73023-2006 D.8: Oscillation method	—	—	> 99.9	—
4	Antibacterial performance test (textile)-Staphylococcus aureus ATCC6538	%	FZ / T 73023-2006 D.8: Oscillation method	≥80	—	99.9	Conformed

Remarks:

- The testing sample has been washed 50 times before testing.

SHOJ20004160002



Report ended
Page 2 of 3

Intertek Testing Services Ltd, Shanghai
上海天祥质量技术服务有限公司

6/F, No.2 Building, Shanghai Comalong Industrial Park, No.889 Yishan Road, Shanghai, 200233, China
中国上海市宜山路889号开米工业城2号楼6层

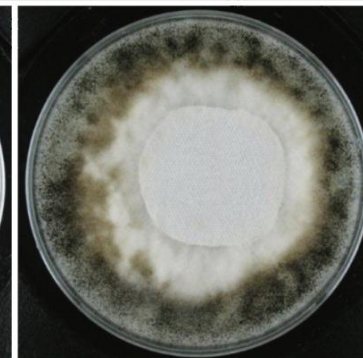
Tel +86 21 5339 6658
Fax +86 21 6495 4500
intertek.com.cn
intertek.com



SILVADUR™ Mildew Resistance



NO SILVADUR



SILVADUR (30 ppm silver)

AATCC Test Method 30-2004, Test III, Agar Plate, *Aspergillus niger*. Mineral salts agar with additional 3% glucose was applied. Cultured for 7 days.



Certificate of Compliance



No. 4W200407F.GBA0S28

Certificate's Holder: Guangzhou Baiyun Area Etai Garment Factory
Room 202, No. 14, 1st Street, Luoyong North Road, Songzhou Street, Baiyun District, Guangzhou

Certification ECM Mark:



Product: Fashion cotton mask
Model(s): Etai009
Verification to: Standard: EN149:2001 + A1:2009
related to CE Directive(s): R 2016/425 (Personal Protective Equipment)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products according to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:



The manufacturer is responsible for the CE Marking process, and if necessary, must refer to a Notified Body. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01_ECM rev.3 available at: www.enteceerma.it

Issuance date: 07 April 2020

Expiry date: 06 April 2025

Reviewer
Technical expert
Amanda Payne



Approver
ECM Service Director
Luca Bedonni



Ente Certificazione Macchine Srl

Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 ☎ +39 051 6705156 ✉ info@enteceerma.it 🌐 www.enteceerma.it

ISANI[®]
Silver Ion Mask



Certificate of Compliance

SILVADUR[™]
Quality Assurance Certification Program

Certificate of Compliance Certificate Number: 033020-01

Issue Date: 3/30/2020

Expiration Date: 3/29/2021
*Renewal Required Post this Date**

Issued To: Foshan TARA Textile LTD for Five Men

Product Certified: 100% Cotton Jersey for Apparel
Treated with Silvadur supplied by Higoal
Segmentation ID: 10011
DuPont ID: 2020040601, IAC Verification ID: 086-02-001378

According to the terms of SILVADUR[™] Certified testing, **Foshan TARA Textile LTD for Five Men**

is granted authorization to use the SILVADUR[™] brand, trademark and/or logo.

The results of the testing, according to DuPont Nutrition & Biosciences standards, have shown that the above mentioned product meets targeted specification of all tests as presently established.

Test Standard	Performance Specifications	Pass - Fail	
Antimicrobial Analysis	ASTM E3160-18	Greater than 99% reduction vs. Control after 20 simulated washes	PASS
Laundering Durability	ASTM E3162-18	4 cycles (20 simulated launderings)	PASS

The holder of this certificate is authorized to use the SILVADUR[™] logo only in conjunction with the product outlined above upon submission and approval of the the SILVADUR[™] Trademark License Agreement.

Issued By:

Sheril V. Vaidhyan

Sheril V. Vaidhyan
Global Business Director

Anna Du

Anna Du, Ph.D.
Principal Scientist
DuPont

Emerentiana Sianawati

Emerentiana Sianawati, Ph.D.
Principal Scientist
DuPont

3/30/2020

Date

www.intelligentfreshness.com | www.SILVADUR.com Copyright © 2019 DuPont. All rights reserved. The DuPont Oval Logo, DuPont[™] and Arcelor[™] are registered trademarks or trademarks of E. I. du Pont de Nemours and Company or its affiliates.

Empowered by
DUPONT[™]





Washable Silver ION 30ppm (KILL Virus) Antimicrobial Knitted Smart Fabric Mask



Marketed and Distributed By:

J&E GLOBAL SDN BHD (955029- w)

Address: 4-09, Primera Suite, Jalan Teknokrat 6, Cyber 5,
63000 Cyberjaya, Selangor, Malaysia.

Mobile: +60 16 412 1321

Email: info@isani.com.my

Website: <https://www.ISANI.com.my/>

Facebook: <https://www.facebook.com/ISANI.Malaysia>

