

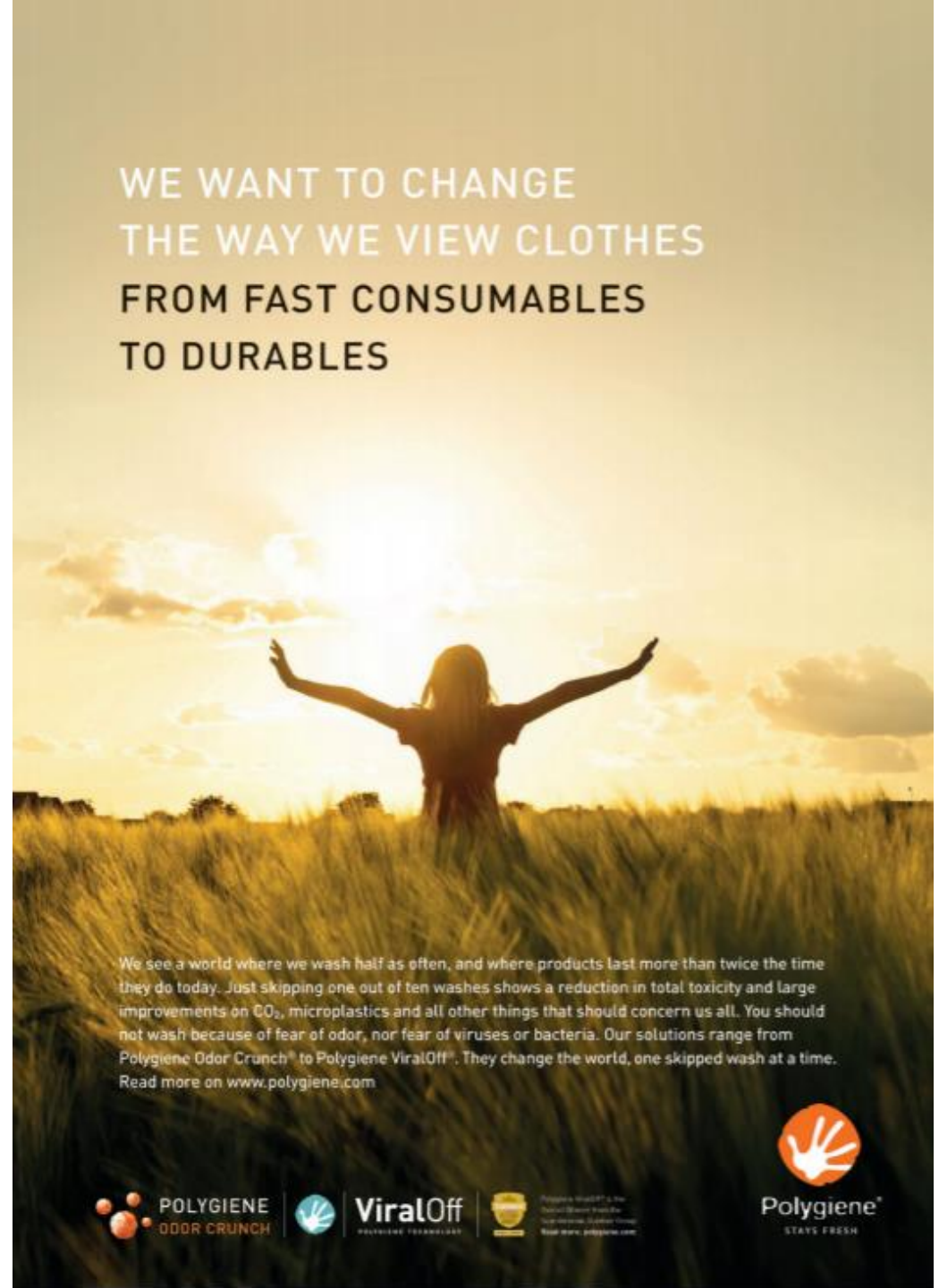


Polygiene®

UTM

UNITED TEXTILE MILLS

WE WANT TO CHANGE
THE WAY WE VIEW CLOTHES
FROM FAST CONSUMABLES
TO DURABLES



We see a world where we wash half as often, and where products last more than twice the time they do today. Just skipping one out of ten washes shows a reduction in total toxicity and large improvements on CO₂, microplastics and all other things that should concern us all. You should not wash because of fear of odor, nor fear of viruses or bacteria. Our solutions range from Polygiene Odor Crunch® to Polygiene ViralOff®. They change the world, one skipped wash at a time. Read more on www.polygiene.com



POLYGIENE
ODOR CRUNCH



ViralOff
POLYGIENE TECHNOLOGY



Polygiene StayFresh®
The Natural Odor Freshener
For Natural Fiber Textiles
Read more: www.polygiene.com



Polygiene®
STAYS FRESH

UNITED TEXTILE MILLS



Manufacture of
Finished Fabrics and Dyed Yarns,
Dyeing and Finishing of Fabrics and Yarns
with EN ISO 9001, EN ISO 14001
Certifications by TUV NORD, Oeko Tex
Standard 100 by TESTEX and Organic
Content Standard (OCS) by Control Union Certifications



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THE TEXTILE MAGAZINE

ASIA'S LEADING TEXTILE INDUSTRY MAGAZINE



VIRALOFF

99% reduction in virus in just 2 hours

Polygiene's innovation to Combat COVID

Special Edition on
Masks & PPEs
Antimicrobial
Finishes



Ulrika Björk, CEO, Polygiene



Focus on **Masks & PPEs / Antimicrobial Finishes**

Polygiene is overall winner in Scandinavian Outdoor Group (SOG) awards 2020

Each year a jury from the SOG reviews new products and technologies across several categories. This knowledgeable and competent jury picked Polygiene's ViralOff® as the best new technology of the year. ViralOff was also declared overall winner of 2020!

"Although this is not a typical outdoor-product, Polygiene ViralOff deserves the Overall Award because it can impact developments way beyond the outdoor- or even apparel business. ViralOff is a treatment that kills 99% of the current viruses in two hours within a textile. When used in the facemasks, it will make lives for all of us a lot safer since you do not need to wash masks as often anymore. ViralOff contains silver salts and is considered not harmful for humans or for the environment" is the motivation from the jury. As Polygiene communicated recently, ViralOff has gone in just three months from a product mostly concerning masks and other protective gear in a niche market to a function – and ingredient brand – in all kinds of everyday use products like suits with Marzotto wools from premium brand manufactures, denim and casualwear from Diesel, and watches and wallets from Fossil. Antiviral treatments will be a key function of tomorrow's often-worn,



ViralOff
POLYGIENE TECHNOLOGY

often touched items. "We have been part of Scandinavian Outdoor Group for a long time. The SOG has many strong and global brands and collectively is an authority and source of

inspiration - we are proud to be a part of it. That SOG gave us this award makes us really happy. Super happy in fact. It is a recognition that Polygiene ViralOff will play an important part in

the fight against the current pandemic as well as being a sustainable solution that allows articles to be worn more and washed less" say Niklas Brosnan, Marketing Manager at Polygiene. •



99 % REDUCTION OF VIRUSES IN 2 HOURS
ISO18184:2019, ATCC VR-1679 (H3N2)

ViralOff
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ViralOff
POLYGIENE TECHNOLOGY

99 % REDUCTION OF VIRUSES IN 2 HOURS
ISO18184:2019, ATCC VR-1679 (H3N2)

Q&A – Skin Safety

ViralOff®– the textile treatment technology

May 2020

Is it safe to have close to the skin?

The component of Polygiene ViralOff is only active in the treated material and does not interfere with the natural bacterial flora of the skin. In addition, the ViralOff additive has been patch tested at the Kawai Institute of Industrial Dermatology.

Will silver chloride be transferred when breathing close to the treated fabric?

The silver chloride in the Polygiene ViralOff treatment is only active in the fabric or material by its intermolecular force, and is not transferred. Our technology is also certified for Eco Passports by OEKO-TEX®. This guarantees our additive is not harmful to human health.

Log Reduction	Percentage Reduction
0 log	0%
1log	90%
2log	99%
3log	99.9%
4log	99.99%
5log	99.999%
6log	99.9999%





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Centara Grand at CentralWorld



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Bangkok, Thailand



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ยับยั้ง ไวรัส

ด้วยหน้ากาก
ViralOff Fabric



ViralOff FABRIC 3D MASK



ผลิตจากผ้าที่มีคุณสมบัติ
ยับยั้งเชื้อไวรัสที่ก่อให้เกิด
ไข้หวัดใหญ่ (H3N2)

สามารถยับยั้งไวรัสได้ 99 %
ภายใน 2 ชั่วโมง



เนื้อผ้าแห้งไว
ระบายอากาศได้ดี



ช่วยป้องกันการกระจาย
จากการไอ หรือจาม



รูปแบบ 3D
มีโครงควดปิดจมูก
ใช้งานสะดวก



สามารถซักได้กว่า 20 ครั้ง
และนำกลับมาใช้ซ้ำได้

2/6

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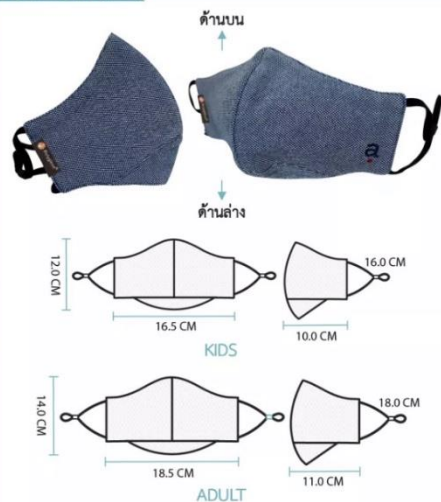


MASK

ViralOff Fabric



ขนาดหน้ากาก



คุณสมบัติ

- ผลิตจากผ้าที่มีคุณสมบัติยับยั้งไวรัสที่ก่อให้เกิดไข้หวัดใหญ่ (H3N2) อ้างอิงผลการทดสอบจากสถาบัน BOKEN Quality Evaluation Institute Osaka Function Textile Testing Center ประเทศญี่ปุ่น Test report No.BK20219067944-1 มาตรฐานการทดสอบ ISO18184:2019 ไม่มีผลต่อสุขอนามัยส่วนบุคคล
- หลังผ่านการซัก 20 ครั้ง ประสิทธิภาพยังคงอยู่
- ไม่ใช่ผลิตภัณฑ์ทางการแพทย์

คุณสมบัติ

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- ไม่ใช่ผลิตภัณฑ์ทางการแพทย์





BLUE BEAR



ViralOff
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**99% REDUCTION OF VIRUSES
ON THE FABRIC IN 2 HOURS**



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