



IMPATT



MyMask Certifications

1. **Weba** - OEKO-Tex Standard 100
- OEKO-Tex STeP - IGGY Water Repellent Finishing
2. **Evolon** microfilament textile
EVO 40 PK
3. HeiQ **Viroblock** NPJ03 Antiviral and antibacterial protection

www.impatt.ch/mymask

CERTIFICATE

Die Firma

weba Weberei Appenzell AG
Zielstrasse 38
9050 Appenzell AI
Schweiz

erhält nach STANDARD 100 by OEKO-TEX® die Berechtigung, gemäß unserem Gutachten, Nummer **ZH015 162966.1**, das STANDARD 100 by OEKO-TEX® Signet

für folgende Artikel zu führen:

Hemdenstoffe, Blusenstoffe, Gewebe für Taschentücher, HAKA und DOB aus 100% Baumwolle, Wolle, Seide, Leinen,LYOCELL® und sowie deren Mischungen mit Elastan und XLANCE®, roh, gebleicht, stückgefärbt, garngefärbt und ausgerüstet
(auf der Basis von teilweise nach STANDARD 100 by OEKO-TEX® vorzertifiziertem Material)

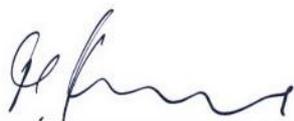
Die Prüfungen an o.g. Artikeln wurden nach STANDARD 100 by OEKO-TEX®, Anhang 4, **Produktklasse II** für Produkte mit Hautkontakt durchgeführt und haben ergeben, dass die derzeit in Anhang 4 geltenden humanökologischen Anforderungen des STANDARD 100 by OEKO-TEX® erfüllt sind.

Die zertifizierten Artikel erfüllen geltende Anforderungen des Anhangs XVII von REACH (inkl. Verwendung von Azofarbstoffen, Nickellässigkeit, etc.), die Amerikanischen Anforderungen zum Bleigesamtgehalt in Kinderartikeln (CPSIA, ausgenommen Zubehör aus Glas) sowie des chinesischen Standards GB 18401:2010 (Etikettierungsanforderungen wurden nicht überprüft).

Der Inhaber des Zertifikates hat sich dem Institut gegenüber durch eine Konformitätserklärung gemäß ISO 17050-1 verpflichtet, nur mit dem Prüfmuster konforme Ware mit dem STANDARD 100 by OEKO-TEX® Signet zu kennzeichnen. Die Konformität wird durch Audits überprüft.

Dieses Zertifikat CAA 15827 ist gültig bis 28.02.2021

Zürich, 11.02.2020



Matz Bachmann
Managing Director



Mary Rose Egloff
Group Product Manager



CERTIFICATE

The company

weba Weberei Appenzell AG
Zielstrasse 38
9050 Appenzell AI
Switzerland

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report **ZH015 162966.1**

for the following articles:

Fabrics for shirts and blouses, handkerchiefs, ladies' and men's wear made of 100% cotton, wool, silk, linen, LYOCELL® as well as their mixtures with elastane and XLANCE®, raw, bleached, piece-dyed, yarn-dyed and finished (based on material partly pre-certified according to STANDARD 100 by OEKO-TEX®)

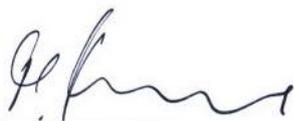
The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, **product class II** have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate CAA 15827 is valid until 28.02.2021

Zurich, 11.02.2020



Matz Bachmann
Managing Director



Mary Rose Egloff
Group Product Manager



CERTIFICATE

Company

weba Weberei Appenzell AG
Zielstrasse 38
9050 Appenzell
SWITZERLAND

is granted authorisation according to STeP by OEKO-TEX® to use the OEKO-TEX® mark for its facility.

OEKO-TEX®
CONFIDENCE IN TEXTILES

STeP 

13000104 TESTEX AG

Sustainable Textile Production
www.oeko-tex.com/step



Scope

Weaving (incl. sizing of warp yarns)

Auditing and assessment of above mentioned facility meet all requirements of STeP by OEKO-TEX®. The holder of the certificate has declared to the auditing institute

TESTEX AG

to run the production site according to the requirements of STeP by OEKO-TEX® and its 6 modules during the period of validity of this certificate: chemicals, environmental performance, environmental management, social responsibility, quality management and safety.

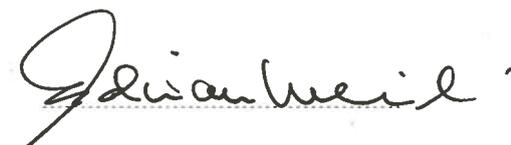
The certificate is valid until 31.12.2022

Zürich, 18.12.2019
OEKO-TEX® Association



Secretary General OEKO-TEX®
Georg Dieners

TESTEX AG, Swiss Textile Testing Institute



Lead Auditor for STeP by OEKO-TEX®
Adrian Meili

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OEKO-TEX®
CONFIDENCE IN TEXTILES
STeP 

13000104 TESTEX AG

Sustainable Textile Production
www.oeko-tex.com/step



Scoring Result

	Level 1	Level 2	Level 3
SCORING RESULT STeP			LEVEL 3 
CHEMICAL MANAGEMENT			
ENVIRONMENTAL PERFORMANCE			
ENVIRONMENTAL MANAGEMENT			
SOCIAL RESPONSIBILITY			
QUALITY MANAGEMENT			
SAFETY			

The certificate is valid until 31.12.2022

Security code: 5jejedjk

WEBA

Switzerland

IGGY WATER-REPELLENT FINISHING 91256/5758/0000

Item-Nr. : 91335 /W1	Description : IGGY				
Colour : 91256	Colour-description : 5857/0000				
Dessin/Colorit: 5857 / 0000	Dessin-description : 0000				
K: 100%CO NM135/2 ** S: 100%CO NM100/1					
Test / Method	Norm	Lower-	Upper Limit	A.V.	UM
Useable Width	DINEN1773	148		150	CM
Weight per Square Meter	DIN12127	0	0	119	G
Shrinkage 60°C air dry warp	ISO63302A			-0,5	%
Shrinkage 60°C air dry weft	ISO63302A			-1	%
Wash-and-Wear Effect: AATCC 1x washed	ISO7768	3		3	NOT
Elmendorf Tear Test: warp original	ISO13937-1	700		1008	G
Elmendorf Tear Test: weft original	ISO13937-1	700		670	G
Tensile Strength: SNV warp	DINENISO13934-1	200		877	N
Tensile Strength: SNV weft	DINENISO13934-1	200		218	N
Fabric Slippage Method 2.5 mm M&S: warp	M&SP12-M1	35		151	N
Fabric Slippage Method 2.5 mm M&S: weft	M&SP12-M1	35		124	N
Aqueous Liquid Repellency: original	AATCC193	1	8	5	NOT
Oil Repellency: original	AATCC118	3	8	4	NOT
Spray Rating: 1x original	AATCC22			100	NOT

Weba Weberei Appenzell AG

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www.facebook.com/webafabrics | [instagram.com/webafabrics](https://www.instagram.com/webafabrics)

www.linkedin.com/company/weba-weberei-appenzell-ag

TECHNICAL DATA

PROPERTIES		TEST METHOD	VALUES
Filament blend			PES / PA
Web bonding		EN 29092	hydrolace
Special characteristics			-
Mass per unit area	g/m ²	EN 9073-1	40
Thickness	mm	ISO 9073-2	0,20
Tensile strength Machine direction	N/5cm	EN 13934-1	80
Tensile strength Cross direction	N/5cm	EN 13934-1	60
Tear strength Machine direction	N	EN 13 937	4
Tear strength Cross direction	N	EN 13 937	4
Elongation at break Machine direction	%	EN 13934-1	30
Elongation at break Cross direction	%	EN 13934-1	50
Absorption of water	ml/m ²	DIN53923-78	330
Air permeability	l/m ² /s	EN 9237	upon request
Surface resistivity	Ohms	EN 100 015/1	upon request

STANDARD DIMENSIONS		VALUES
Standard width	mm	1990 / 2050
Standard length	lm	2000
Roll weight	kg	170
Roll diameter	cm	62
Core diameter	mm	152

Average values based on quality inspection results. Subject to change and normal production tolerances. Technical data on this data sheet refer to non-binding reference samples only. Binding specifications will be agreed separately. The customer is responsible for conducting his/her own tests to determine for him/herself the suitability of the products for his/her particular purposes. The customer is especially responsible for testing the suitability of the product for specific post-treatments before large-scale production.

HeiQ Viroblock NPJ03

Antiviral and antibacterial protection

HEIQ 
VIROBLOCK

Effective in minutes

- Strong antiviral and antibacterial effect against enveloped viruses (incl. coronaviruses) and bacteria
- Suitable for all fiber types, from medical nonwovens (e.g. face masks) to fabrics for clothing and home textiles
- Residual virus infectivity tested according to a modified ISO 20743 method (Sendai), rapid antiviral effect demonstrated within 2-5 minutes
- Hypoallergenic, provides self-sanitizing and germ resistant surface
- Patent pending antiviral and antibacterial technology
- For standard N95 or FFP2 disposable masks: Increases the protection of the mask by more than 30 times
- For washable fabrics: Lasts at least 30 gentle washes at 40 °C (104 °F)
- Regulatory coverage: EU REACH compliant, main ingredient registered with US TSCA and US EPA

Coronavirus
(229E)

>99.99%*
reduction



H1N1

>99.99%*
reduction



H5N1

>99.99%*
reduction



RSV

>99.9%*
reduction



* Based on mask studies. Treated masks reduce virus and bacteria infectivity by more than 30 times compared to untreated masks

SWISS
TECH
INSIDE

What problems does HeiQ Viroblock NPJ03 solve?

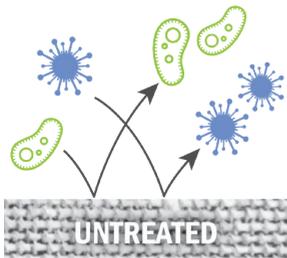
Textiles are an infection and transmission risk

- Textiles provide a large hosting surface area for bacteria and viruses, benefiting their carryover
- Viruses and bacteria can remain active on textile surfaces from days to months ¹⁾
- Human coronavirus (SARS-CoV) can persist for up to 2 days on surgical gowns at room temperature ²⁾

1) A.Kramer et al (2006): "How long do nosocomial pathogens persist on inanimate surfaces? A systematic review"

2) G.Kampf et al (2020): "Persistence of coronaviruses on inanimate surfaces and its inactivation with biocidal agents"

HeiQ Viroblock NPJ03 helps reduce the infection and transmission risk



- Textiles treated with HeiQ Viroblock NPJ03 actively inhibit viruses and kill bacteria upon contact
- HeiQ Viroblock NPJ03 treated textiles help to minimize the potential for re-transmission of pathogens from textiles

HeiQ Viroblock NPJ03 application areas



**SWISS
TECH
INSIDE**

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