# COMMUNITY MASK<sup>+</sup>

## **ANTIBACTERIAL & ANTIMICROBIAL** PROTECTION







#### **HEIQ VIROBLOCK IS SWISS TECHNOLOGY AWARD 2020 WINNER**



## COMMUNITY MASK PLUS **BREAK THE CHAIN:**

membranes of the other person.

Break the chain with us. Unleash your Nature.



In order to protect others from infection, you have to wear a face mask. The recommendation is for as many people as possible to wear a face mask, because this at least enables droplets and particles of mucus to be caught to some extent. The chain of infection is broken.

When sneezing, virus droplets can reach a speed of around 45 metres per second without a face mask and fly quite a long way. Generally speaking, people are infected if an infected person speaks, sneezes or coughs in their vicinity. The virus then passes through the air directly onto the mucous

This is why UYN® has decided to take action and to create a new version of our Community Mask powered by HeiQ Viroblock, an advanced textile technology that makes the mask resistant to microbes, germs and bacteria.





## INNOVATION.

Since we have our own production facilities and collaborate closely with AREAS (Academy for Research and Engineering in Apparel and Sport) and CeRiSM, we are able to respond quickly and flexibly. We collect valuable data in our own laboratories while at the same time carrying out sports medical examinations to test the suitability of innovative products.

Research and development in the textile sector has reached a whole new level. Laboratory results can be directly incorporated in the development process. Internationally proven testing equipment is used to carry out tests on fibres, threads and fabrics so as to determine and continuously improve response under load.

So in times of need, we have channelled our entire expertise into developing the Community Mask. We believe the results are very impressive. Try it out for yourself.

# UNLEASH YOUR NATURE

#### research center - Rovereto (TN) CeRISM sport mountain health







#### COMMUNITY MASK PLUS

## **MULTIFUNCTIONAL**

The UYN® Community Mask Plus reduces the risk of infecting others because it can shorten the range of the droplets that are ejected when people cough, sneeze and speak. The right fit and a comfortable product are crucial to promote a sense of well-being so the mask is not felt to be a foreign body.

#### Breathable

The three-dimensional knitted structure is more densely knitted in the mouth and nose area: this reduces the speed of respiratory flow and saliva/mucus droplet ejection. But the UYN® Community Mask Plus still allows you to breathe easily, so the mask can be worn during sports activities, too.

#### With Swiss technology HeiQ Viroblock

We have added the advanced technology HeiQ Viroblock to the fabric of the UYN® Community Mask Plus. This technology makes the fabric resistant to microbes and it has been certified as safe and sustainable.

#### **Ergonomic and lightweight**

The UYN® Community Mask Plus fits perfectly around mouth and nose, sealing nicely at the edges and interrupting the airflow. The ergonomic three-dimensional shape allows you to breathe comfortably without feeling boxed in.

#### Water-repellent

Thanks to processing with Texlyte Nano, the UYN® Community Mask Plus is moisture-repellent. The water-repellent property of the yarn is permanent and is not affected by repeated washing. Texlyte Nano does not store moisture but dries very quickly. For pleasant wear comfort.



#### "WASHABLE AND REUSABLE"

The UYN® Community Mask Plus is not a disposable product. Once purchased, the mask can be used again and again. It is important to wash the mask at 60° after every use. The mask is designed for personal use only: it should not be passed around within the family, for example.







#### HEIQ VIROBLOCK

## **ANTIBACTERIAL & ANTIMICROBIAL** PROTECTION

HeiQ Viroblock is an intelligent Swiss textile technology that is added to the fabric of the UYN® Community Mask during the final stage of the manufacturing process. This technology protects the mask against contamination by microbes and germs. The active ingredient is silver chloride.

## **TESTED EFFECTIVE** AGAINST SARS-COV-2

HeiQ Viroblock is among the first textile technologies in the world tested effective against SARS-CoV-2\*, the virus causing Covid-19, in independent third party institutes of virology.

\*M.J. (2020) Report on Viral Stability and Persistence of SARS-CoV-2 on Treated Material. Doherty Institute forInfection and Immunity, Australia





#### **HOW IT WORKS**

HeiQ Viroblock combines HeiQ's specially engineered antimicrobial silver technology and uses vesicle technology as a booster for a robust and rapid efficacy. This combination allows HeiQ Viroblock to inhibit growth and persistence of microorganism on the fabric surface.



#### DURABLE

HeiQ Viroblock provides durable surface protection. The treatment lasts at least 30 gentle washes at 60°C

#### more information on HeiQ Viroblock on heig.com

heiq.com





#### **CERTIFIED AS SAFE AND** SUSTAINABLE

HeiQ Viroblock technology is certified as safe and sustainable. It uses only bio-based and recycled ingredients. HeiQ Viroblock technology done not irritate the skin and it is non-toxic.



#### **SWISS TECHNOLOGY AWARD 2020** WINNER

HeiQ Viroblock has been awarded with the first prize in the Swiss Technology Awards 2020, the top technology prize in Switzerland.



## **TEXLYTE NANO**

#### Extremely light fibre

What makes Texlyte Nano so special is its weight: it is lighter than water, 34% lighter than polyester and 20% lighter than nylon, so it provides more volume and less weight. In addition, Texlyte Nano is water-repellent, as well as being recyclable and environment-friendly.



**TEXLYTE NANO IS MADE OF** POLYPROPYLENE, ONE OF THE LIGHTEST SYNTHETIC FIBRES ON THE MARKET.



## MATERIAL **PROPERTIES**



#### Healthy

The Texlyte Nano used for the Community Mask Plus has been certified and produced in Europe according to Oekotex Standard 100 and Bluesign. It does not cause any allergies and is therefore particularly suitable for articles with high hygiene standards.



#### Thermo-regulating

Texlyte Nano has a very low conductivity so it guarantees an exceptionally high level of insulation - which makes for excellent thermal comfort.

#### Light

Texlyte Nano is 50% lighter than cotton and 34% lighter than polyester, so of all synthetic fibres this material is very well suited for use as a mask.

#### Dry

Texlyte Nano is hydrophobic by nature. The water-repellent property of the yarn is permanent and is not affected by repeated washing. Texlyte Nano does not store moisture but dries very quickly. For pleasant wear comfort.

#### Ecological

The production and maintenance of Texlyte Nano requires 30% less energy than for polyester. No pesticides or toxic dyes are used. For this reason, experts consider it to be one of the most environment-friendly synthetic fibres. Furthermore, Texlyte Nano is 100% recyclable.



durability of Texlyte Nano.

#### Easy-care

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Due to the hydrophobic property of Texlyte Nano, the material is insensitive to dirt, can be washed at 60°C and dries within a short time. Ironing is not necessary. The mask can be used again after a short time.



Abrasion, tension and tearing is no problem for Texlyte Nano. Its abrasion resistance is 2.5 times higher than that of cotton. Even sweat, sun and moisture have no effect on the



## DESIGN ERGONOMIC

Its fit makes the Community Mask Plus the new darling among mask wearers because its ergonomic design and anatomically shaped mouth section are combined with a tight-fitting but elastic neck section. As a result, the Community Mask stays firmly in position and provides protection for others while at the same time allowing freedom of movement.

- 1. Highly elastic ergonomic nose shape
- 2. Flex Ribs for a perfect fit
- 3. Flexible and soft ear loops
- 4. Breathable 3D breathing ribs let the skin breathe
- 5. Particularly densely knitted mouth and nose sections
- 6. Highly elastic band at the neck for optimum wear comfort



## FOR EVERYDAY USE: **DOUBLE COLOR**

The fabric and elastic structure with contrasting colours make the UYN® Community Mask Plus even more versatile. You can wear it both with your UYN sportswear and a casual outfit for everyday use.

This mask expands UYN's offer by adding new colorways. In times of social distancing, we miss a sense of closeness to other people and this impacts negatively on our mood. UYN® deliberately counteracts this by injecting colour into everyday life.





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![](_page_7_Picture_7.jpeg)

#### **"NOT A MEDICAL PRODUCT** - NOT A PIECE OF PROTECTIVE EQUIPMENT"

The Community Mask Plus is not a medical product and does not provide protection from infection.

The required distance of one to two metres and regular hand washing are still the best protection from infection.

#### UYN UNLEASH YOUR NATURE

![](_page_8_Picture_4.jpeg)

Masks can support awareness of social distancing and health-related behaviour, both for ourselves and in our interactions with others. Nonetheless, protective instructions such as maintaining a distance of 1-2 metres and hand washing should never be neglected.

#### 1

Since you touch your face when putting on the mask, your hands should be thoroughly washed or disinfected beforehand.

#### 4

Pull the mask into position. It must sit well over the nose and close off under the chin.

### 2

Cover your mouth and nose with the mask. The UYN® logo must be visible on the outside.

#### 5

Press the mask tightly once and check that it fits well. Do not touch the mask with your hands while wearing it.

#### 3

Attach the straps well behind the ears.

#### 6

Remove the mask from your face using the straps at the sides (from back to front), but do not touch the mask.

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This mask complies with the recommendations for minimal specifications for the community masks of the Suries National COVID-19 Science Task Force (NCS-TF) and with the ANNOR SPEC ST6-001-UNIST or UNIS

www.uynsports.com

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