

## Technical Data Sheet

# HeiQ Viroblock Community Mask

## Multi-hi-tech comfort & protection

With antimicrobial surface

Conform to Swiss national COVID-19 Science Task Force Community Mask Guidelines (tested by TESTEX)

### Uses

Textile washable face masks treated with an antimicrobial technology HeiQ Viroblock NPJ03 giving the mask extra resistance against viruses and bacteria.

Covering the mouth, nose and lower part of the jaw, which is suitable for filtering solid, liquid, or liquid and solid non-oily particles (such as dust, droplets, pollen, willow home, haze etc.) suspended in air under special operations or everyday conditions.



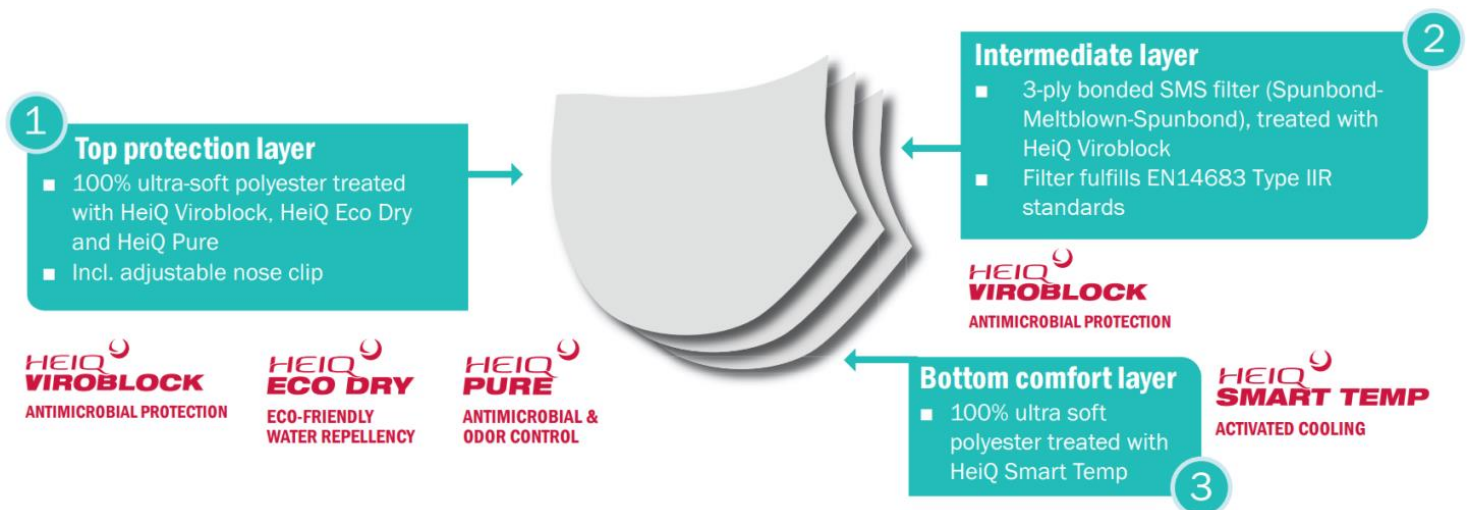
### Benefits and Characteristics

- ✓ **HeiQ Viroblock, HeiQ Pure, HeiQ Eco Dry, HeiQ Smart Temp**
- ✓ Three-layer construction
- ✓ Ultra-soft inside layer
- ✓ Bacterial filtration efficiency (BFE) >70% after washing: PASS
- ✓ Breathability (Differential pressure: <70 Pa/cm<sup>2</sup>: PASS
- ✓ Splash resistance: no liquid penetration at 16 kPa: PASS
- ✓ Surface treatment gives the material an extra antiviral and antibacterial protection
- ✓ Washable with 40°C, 30 times
- ✓ Adjustable ear strap
- ✓ Adjustable nose clip

## Product Information

Product name	HeiQ Viroblock Washable Mask
Mask standard	Community mask: Swiss Covid Task Force conform
Materials	<p>Top layer: 100% polyester, treated with <b>HeiQ Viroblock</b>, <b>HeiQ Eco Dry</b> &amp; <b>HeiQ Pure</b></p> <p>Intermediate layer: bonded 3-layer SMS filter: spunbond (PET), meltblown (PBT), spunbond (PET) with <b>HeiQ Viroblock</b></p> <p>Inner layer: 100% polyester, <b>HeiQ Smart Temp</b> treated</p> <p>Ear strap: Cotton spandex</p>
Sizes	L/M/S/XS (see size guide further down)
Manufacturer	<p>HeiQ Materials AG  Rütistrasse 12  8952 Schlieren  Switzerland</p> <p>Tel: +41 56 250 68 50</p>
Shelf life	7 years
Country of origin	Vietnam

### Description of layers



### **HeiQ Viroblock**

#### **Antimicrobial treatment**

Compliance

Compliant with EU BPR & US FIFRA

Tested with:

ISO 18184, ISO 20743, ISO 21702, ASTM E2149

Treated article claim

This innovative Swiss Technology makes the fabric resistant to harmful microbes. Treated with a biocide to protect it from microbes and germs. Active ingredient: silver chloride.

### **HeiQ Eco Dry**

#### **Eco-friendly PFC-free water repellent**

Compliance

Compliant with EU Reach, US TSCA, CADSL, AU AICS, CN IECSC, JP METI, KR KECL, TW TCSI, ZDHC and most RSL regulations, bluesign approved and OEKO-TEX conform

Tested with:

AATCC 22 Spraytest

Treated article claim

High-performing, sustainable, and durable water repellency. Exceptional efficiency and durability to washing.

### **HeiQ Smart Temp**

#### **Active cooling and moisture control**

Compliance

Compliant with EU REACH, US TSCA, JP METI, CN IECSC, KR KECL, ZDHC, most RSL regulations and are bluesign approved and OEKO-TEX conform

Tested with:

HeiQ Dynamic evaporation test, M&S P136B Vertical Wicking

Treated article claim

Keeps you cool and comfortable.  
Revolutionary, patented dynamic cooling technology for optimal cooling performance.  
Cooling is activated by rising body temperature and deactivated once your cooling is complete.  
Up to 2.5 °C/4.5 °F cooler fabric temperature (depending on fabric weight and composition).  
Exceptional efficiency and durability (100% cooling performance up to 40 washes).  
Independently tested as safe for the skin.

### **HeiQ Pure**

#### **Odor control**

Compliance

Compliant with EU BPR, EU REACH, US FIFRA, JP METI, JP SEK, CN IECSC, TK BPR compliant, EPA-approved, bluesign approved and OEKO-TEX conform

Tested with:

ISO 20743, ASTM E2149 *Staphylococcus aureus*

Treated article claim

Improved comfort, hygiene and freshness.  
Addresses body odors and bacterial derived odors on textiles.

## Usage instruction

1. After washing your hands open the mask with both hands
2. Hang the ear straps on both sides behind the ears.
3. Pull up and down the mask to fit tightly under your jaw and close the nose clip. The mask should completely cover the nose, mouth and chin.



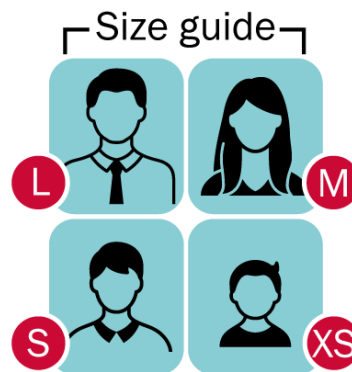
## Size specification

L: adult man

M adult lady

S: smaller adult or bigger kids

XS: smaller kids ca. 3-8 years old



## Washing instructions

The mask is washable for 30 times at 40°C (104°F) without significant loss of antimicrobial properties. Passing criterion: Log reduction  $\geq$  Log 3 initial and Log 2.2 after 30 washes according to ISO 6330 G4



- Gentle wash at 40°C (104°F)
- Do not bleach
- Do not tumble dry
- Do not dry clean

## Recycling

This product can be recycled as other textile products.

**ATTENTION:**

HeiQ Materials AG can make no warranties or representations, either expressed or implied, that these products will fully protect the user from exposure to blood or bodily fluids or risk of contracting infectious diseases. Evaluate the anticipated exposure to pathogens and contaminants and select the appropriate mask for the intended protection.

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HeiQ Viroblock +Multi Hi-Tech Washable Mask – ENG

Rev A: 21<sup>st</sup> December 2020

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