



- ✓ According to the Swiss Rule (SNR) SNR 30000:2021 - Swiss Association for Standardization (SNV)
- ✓ Reusable* textile mask
- ✓ STANDARD 100 certified by OEKO-TEX®

Textile masks with the «TESTEX Community Mask» label have been tested based on the Swiss Rule (SNR) SNR 30000:2021 from the Swiss Association for Standardization (SNV) (Source: www.snv.ch/en). The products are tested for splash / droplet resistance, particle filtration efficiency and air permeability. In addition to reusability*, they also offer testing for harmful substances according to STANDARD 100 by OEKO-TEX® to ensure maximum security in respect of harmful effect by chemicals. The protection is maintained over the lifetime of the mask according to the manufacturer's declaration, but at least for 5 washing cycles. The general rules of hygiene and conduct of your local health authorities must be followed.

Note: The products awarded the «TESTEX Community Mask» label are not respiratory masks (FFP1, FFP2 or FFP3) in accordance with the PPE Regulation (EU) 2016/425 and also not medical face masks in accordance with the Medical Device Directive 93/42/EEC or Regulation (EU) 2017/745.

Splash / droplet resistance, filtration efficiency & breathability

Textile masks, which are mainly aimed at source control, provide adequate protection against liquid droplets of various sizes, which occur when coughing or sneezing, and against aerosols (particle size of 1 micrometre). They must also have sufficient air permeability to minimise breathing difficulties and be able to be worn for a long time without impairment. The following tests are performed:

- Splash resistance: no penetration of liquid
- Particle filtration efficiency: $FE \geq 70\%$ at a particle size of 1 micrometre
- Air permeability: pressure drop $< 294 \text{ Pa}$ at $0,27 \text{ m/s}$ or $< 60 \text{ Pa/cm}^2$ for a testing area of $4,9 \text{ cm}^2$ at a volume flow of 8 l/min as given in EN 14683

Reusability*

Can be achieved by washing the mask, creating an antiviral surface, or a combination of both.

- Masks are tested for reusability based on the declaration of the manufacturers.
- Masks without antiviral properties must be washable at a minimum of 60°C with a powdered heavy-duty detergent
- Masks with antiviral properties undergo an evaluation process according to ISO 18184:2019. The antiviral properties are measured before and after the max. number of washing cycles specified by the manufacturer.
- Colour fastness to domestic washing (ISO 105-C06)
- Colour fastness to saliva (DIN 53160-1)
- Dimensional change max. $< \pm 10\%$ (EN ISO 3759 / 5077 / 6330), ≥ 5 cycles or according to manufacturer's specification at $\geq 60^\circ\text{C}$

STANDARD 100 by OEKO-TEX® Zertifizierung

The STANDARD 100 by OEKO-TEX® is a globally uniform, independent testing and certification system for textile raw materials, intermediate and end products at all stages of processing, including accessory materials. The strict tests for harmful substances and the comprehensive catalogue of measures of STANDARD 100 by OEKO-TEX® include:





- Important legal regulations such as banned azo colourants, pentachlorophenol, cadmium, lead, etc.
- Numerous chemicals that are hazardous to health, even if they are not yet regulated
- Numerous substance classes that are also relevant to the environment
- Requirements of Annex XVII and the ECHA SVHC candidate list



Dimensions and fit

The mask must be designed to cover the nose, mouth and chin.

It should ensure a tight fit at the sides and the user should be able to wear it comfortably for a whole day. A range of sizes allows appropriate and safe use for different individuals (children/adults, female/male).

			
Bigonial breadth	Chin-sellion length	Interpupillary distance	Bitragion chin arc
<i>Males</i> 120 - 140 mm	<i>Males</i> 123 - 135 mm	<i>Males</i> 65 - 71 mm	<i>Males</i> 330 - 355 mm
<i>Females</i> 110 - 125 mm	<i>Females</i> 113 - 124 mm	<i>Females</i> 62 - 68 mm	<i>Females</i> 305 - 328 mm

(Figure: Relevant dimensions for mask production according to ISO/TS 16976-2:2015, source: Publication on www.snv.ch/en)

User information

The manufacturer/distributor must provide instructions for use with the product. The instruction manual must include clear information about how to wash the mask, based on the criteria for reusability:

- Washing conditions, such as temperature and detergent to be used
- The minimum number of washing cycles, tested by TESTEX, after which the SNR requirements are still met.

The instruction manual must also contain a disclaimer that the mask is not considered a medical device or a personal protective equipment.

Manufacturer's declaration

On the basis of the test report and the manufacturer's declaration, the manufacturer, distributor, etc. are obliged to carry out production identically to the test sample. A change in the manufacturing process requires a new test.

Validity

The right to use the «TESTEX Community Mask» label is limited to one year and may be extended. TESTEX AG is entitled to carry out checks on compliance with market requirements and to charge the manufacturer for these checks.

Package price

CHF 1 920.-- (excl. costs for certification according to STANDARD 100 by OEKO-TEX®)

More information

www.testex.com | zuerich@testex.com | +41 44 206 42 42

TESTEX AG, Schweizer Textilprüfinstitut, Gotthardstrasse 61, 8002 Zürich, Schweiz