

Your personal protection against COVID: INTERCEPT CU22™ Mouth-Nose-Mask

(with copper polymers)



Technical Description

YOUR Protection!

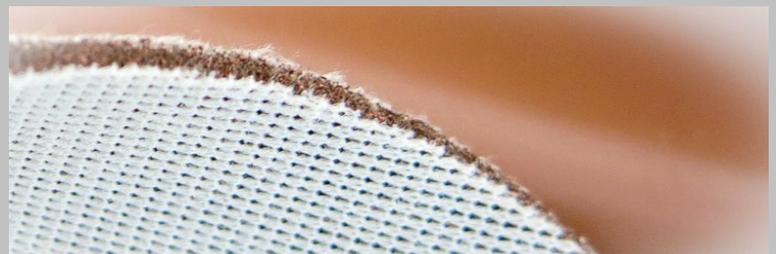
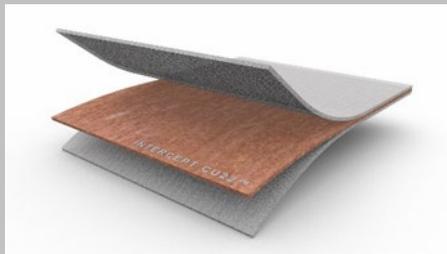
INTERCEPT CU22™ Mouth-Nose-Mask system uses the unique properties of the INTERCEPT polymerized copper structures to create a barrier against bacteria and viruses.

Copper is known scientifically to kill viruses and bacteria unlike silver or zinc bases systems, which only are effective against Bacteria. Unlike other technologies INTERCEPT polymerized copper does not release ions to cause this effect.



INTERCEPT has shown its barrier performance against the harshest of bacteria and viruses in reputable studies over the years and, very recently, also against the coronavirus strains.

The used INTERCEPT CU22™ replacement filter has a core made of Copper-Polymers, with confirmed killing properties of corona viruses (ISO 18184) and bacteria (JIS Z 2801), and is double sided laminated with filter textiles. Every drop that could contain bacteria or viruses adheres to the inner layer of INTERCEPT CU22™, which eliminates them by contact.



Only high-quality textiles and fabrics have been selected from European origin to assure that no loose fibers are inhaled (a real problem with cheap Asian products). INTERCEPT is an American Technology of highest quality standards.

The first protection system tested to the full extend for active virus/ bacteria killing performance.

Most masks and protection systems are designed to protect other people from your exhaled possible infections. INTERCEPT CU22™ is designed to protect you from such as well as others.

The size of the masks and filter have been selected to enable a high protection, but also to reduce the dangerous built-up of CO₂ inside the mask. This is a real problem in other system and it will lead to a low blood oxygen level. Our protection systems are carefully designed to allow to wear the masks over extended times with lesser CO₂ Build-up. The INTERCEPT CU22™ mask is washable at 60°C (140oF), which guarantees a long life time. Higher temperatures must be avoided as this will lead to de-lamination. The INTERCEPT CU22™ filter can be used for max. 4 weeks after which it need to be replaced.

For this product, we chose deliberately fasteners with cord stoppers (instead of rubber bands). Therefore, the mask can be adapted to any head shape and is individually adjustable. This ensures a very high wearing comfort without any pain.

If you do have any further questions, our experts are available to assist you at any time.

Do you require more information?

Please fill free to contact our experts for assistance.

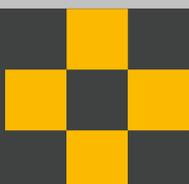
Your specialist and supplier

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Fit, Form and Function:

Materials

- Mask:** Stitched full-comfort Mouth-Nose Mask (black or white fabric)
Other colors and styles available on request.
- Filter:** Replacement filter TYPE 1: INTERCEPT CU22™ Core of copper polymers with confirmed killing properties of corona viruses (ISO 18184) and bacteria (JIS Z 2801) and double sided laminated filter textiles

Packaging & Storage Information

Masks and filter-sets will be supplied separately!

- Mask:** One tie-down mask with filter, two cord stoppers, one INTERCEPT CU22™ re-usable bag
- Filter-sets:** Five INTERCEPT CU22™ filters, one INTERCEPT CU22 re-usable bag
Expected usability: 5 months

Both mask and filters are supplied in INTERCEPT CU22™ bags. **DO NOT THROW THEM AWAY!** The bags are designed to kill surface viruses and bacteria while storing your mask/ filters when not using them. The polymerized copper structure will do its job and keep you safe.

Waste Handling Information

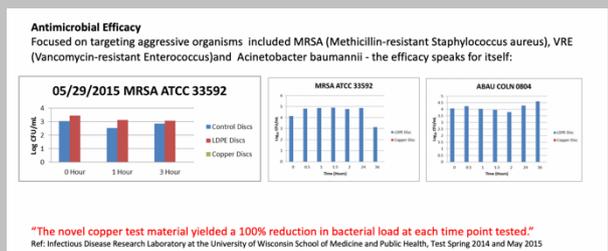
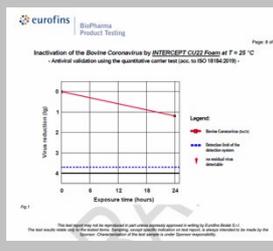
INTERCEPT CU22™ products should be disposed of with normal household waste schemes. It is not meant for recycling and is not hazardous waste.

Testing Completed

- Mask Properties:** DIN 14683: High Oxygen Availability
- INTERCEPT CU22™ Properties:** ISO 18184: Corona Virus Killing Properties, No Ion-Release
JIS Z 2801: Confirmed Bacteria Killing Properties

| Parameter | Value | Unit | Standard |
|--------------------|-----------------------------|------|----------|
| Material | Non-woven fabric | | |
| Color | Black/White | | |
| Weight | ~15g | | |
| Dimensions | ~18cm x 10cm | | |
| Filter Type | INTERCEPT CU22™ | | |
| Filter Material | Copper polymerized textiles | | |
| Filter Dimensions | ~10cm x 10cm | | |
| Filter Weight | ~5g | | |
| Filter Thickness | ~1.5mm | | |
| Filter Porosity | ~10% | | |
| Filter Efficiency | >99.9% | | |
| Filter Lifetime | 5 months | | |
| Filter Reusability | Yes | | |
| Filter Storage | In INTERCEPT CU22™ bag | | |
| Filter Disposal | Household waste | | |

| Parameter | Value | Unit | Standard |
|--------------------|-----------------------------|------|----------|
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| Filter Storage | In INTERCEPT CU22™ bag | | |
| Filter Disposal | Household waste | | |



Pictures and test results:
© INTERCEPT Technology GmbH

Delivery Forms

Standard deliveries for masks will be black/ white in color. For purposes of identification and liability for companies/ organizations or as a visual Corporate Identity, other colors and stitched or printed logos can be designed and manufactured. Please contact us for specific requirements and solutions. Made in Germany.



Legal Disclaimer

INTERCEPT CU22™ products have been carefully designed and tested beyond normal standards and are manufactured under the highest possible quality controls. We will however have to conform to legal requirements and state that our products are not considered Personal Protection Equipment (PPE) or medical devices. This technical description does not represent a warranty of any type given or implied. Our conditions of manufacturing, sale and delivery apply.

Do you require more information?

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