INTERCEPT CU22™ FILTER
Personal Protection
Against COVID - 19

Technical Description

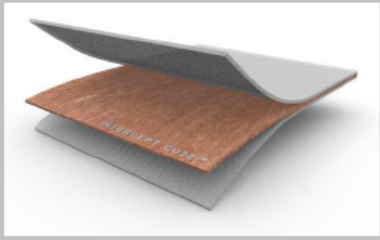
YOUR Protection!

INTERCEPT CU22™ Mask Filter 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, carbon or zinc based systems, which are only effective against bacteria. Equally as important, unlike other Copper technologies INTERCEPT filters do not release Copper ions.

INTERCEPT has shown its barrier and killing ability against the harshest bacteria and viruses in reputable studies over the years and, very recently, also against the corona virus strains. The test laboratory used for the most recent testing is a class 3 Lab (access to infectious viruses) in order to confirm testing against COVID 19.

The Filter textiles used have been carefully selected and by themselves pass the stringent FFP3 requirements. This means that the filter will block 99% of all droplets and particles from passing. Beyond that, any droplet, which could hold viruses or bacteria, will adhere to the INTERCEPT CU22™ inner layer and be killed by the Copper.



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

The first protection system tested against a full range of bacteria and viruses, including COVID 19, for filtration protection and 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 others as well as the wearer.

The filter size was selected to enable the greatest protection, and reduce the dangerous build-up of CO_2 inside the mask. This is a real problem for other systems where CO2 can result in low blood oxygen levels. Our protection systems are carefully designed to allow the masks to be worn over extended times with less CO_2 build-up. Re-usable masks should be washed daily at temperatures of at least 140oF. Make sure to remove the Intercept filter prior to washing the mask. After the mask is dry, simply put the INTERCEPT CU22 filter back into the mask pocket. The INTERCEPT CU22™ filter can be used for maximum of 4 weeks after which it needs to be replaced.

If you have any further questions or comments, our experts are available to assist you with further information

INTERCEPT CU22™ is designed to fit into most masks with side load pockets

Do you require more information?
Please feel free to contact our experts for assistance.

Developed in cooperation with C.H. Müller

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Fit, Form and Function:

Materials

Mask: Most masks, with the side loaded pockets for filter pads, can be used with our INTERCEPT CU22 Filter pad.

Filter: Three-layer laminate: Outer: fabric FFP3 conforming textile; Inner layer: PU open cell foam with INTERCEPT CU22™ coating

Packaging & Storage Information

Filter-sets are supplied separately!

Filter-sets: Two INTERCEPT CU22™ filters, one INTERCEPT CU22 re-usable bag
Expected usability: 2 months

Other Pack-outs can be arranged with sufficient volumes.

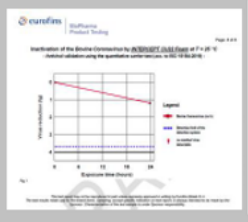
Filters are supplied in INTERCEPT CU22™ bags. DO NOT THROW THEM AWAY! The bags are designed to kill surface viruses and bacteria while storing your mask/ filters when not using them. The polymerized copper structure will do its job and keep you safe.

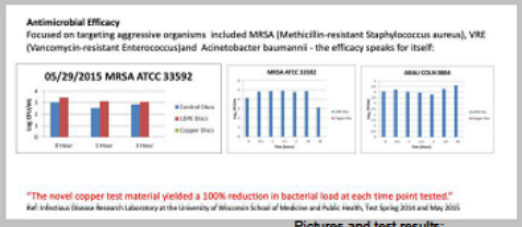
Waste Handling Information

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

Filtration Properties:	DIN 14683	"Confirmed FFP3 Compliant Testing"
INTERCEPT CU22™ Properties	ISO 18184	"Confirmed Corona Virus Killing Properties,93%/24hrs"
	JIS Z 2801	"Confirmed Bacteria Killing Properties,100%/20min"





Pictures and test results:
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For more information contact us directly: Jill.Koch@StaticIntercept.com

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Legal Disclaimer

INTERCEPT C22™ 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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