

## BeSo<sup>®</sup> GUARDED

TOGETHER  
AGAINST  
COVID-19  
FROM PROFESSIONALS  
FOR PROFESSIONALS



- ▶ Effective against microbials (99.99%)
- ▶ Antimicrobial activity on finished textiles approved (ISO 18184)
- ▶ Protect yourself and your environment

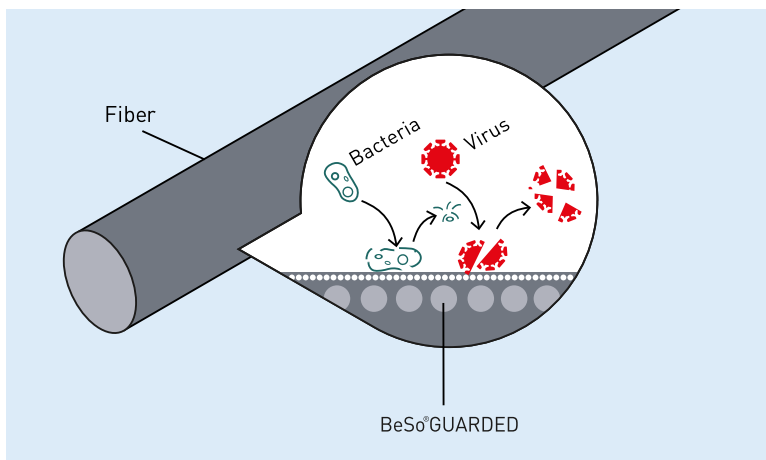
**Smart effects with character**

# BeSo® GUARDED – antimicrobial treatment for protective equipment

The new coronavirus, COVID-19, has changed the whole world. The pandemic is affecting our daily lives and has put the global economy on hold. Besides washing our hands regularly and maintaining social distancing, we can also protect ourselves and others with personal protective equipment, such as face masks. To overcome the shortage of face masks, many companies have started to manufacture face masks made of textile fabric. To prevent contamination of protective equipment, BeSo® GUARDED is effective against viruses and bacteria with an over 99.99% reduction. BeSo® GUARDED is CHT's **best solution** for an antiviral and antibacterial effect on different substrates.

BeSo® GUARDED – just one of our smart effects with character.

## How does BeSo® GUARDED work?



Solution 1	Solution 2
<b>iSys AG and ECOPERL</b>	<b>HeiQ Viroblock NPJ03 by CHT</b>
Antibacterial properties	Antiviral, antibacterial, and antiyeast
	Inactivates enveloped pathogen viruses within 2 minutes
Both solutions	
Prevents unpleasant odors	
Wash durable (ISO 6330)	
Suitable for nonwovens and various textile fibers, e.g., face masks, gowns, bedsheets, towels, etc.	

## How does BeSo® GUARDED perform?

Study ID	Agent	Log reduction			% reduction	
		Control	Viroblock	Improvement	Control	Viroblock
798-112	<b>229E</b> (Human coronavirus)	2.90	4.48	>30x more effective	99.874%	99.997%

### ► How can BeSo® GUARDED be measured?

- Silver content measurement
- Antibacterial test ISO 20743/AATCC 100/JIS L 1902/ASTM E2149
- Yogurt bac test
- Antiviral test ISO 18184

## BeSo® GUARDED



### The BeSo® GUARDED effect is equipped with:

Selected auxiliaries from the following product families:  
iSys AG, ECOPERL, TUBIGUARD, and HeiQ Viroblock NPJ03 by CHT\*.



Our products meet the highest standards.  
Find out more at:  
[www.cht.com/beso-guarded](http://www.cht.com/beso-guarded)