

HeiQ Viroblock NPJ03

Antiviral and antibacterial protection

HEIQ
VIROBLOCK

Effective in minutes

- Strong antiviral and antibacterial effect against enveloped viruses (incl. coronaviruses) and bacteria
- Tested effective against SARS-CoV-2 (COVID-19)
- Suitable for all fiber types, from medical nonwovens (e.g. face masks) to fabrics for clothing and home textiles
- Residual virus infectivity tested according to a modified ISO 20743 method (Sendai), rapid antiviral effect demonstrated within 2-5 minutes
- Hypoallergenic, provides self-sanitizing and germ resistant surface
- Patent pending antiviral and antibacterial technology
- For standard N95 or FFP2 disposable masks: Increases the protection of the mask by more than 30 times
- For washable fabrics: Lasts at least 30 gentle washes at 60°C (140°F)
- Regulatory coverage: EU BPR and EU REACH compliant, main ingredient registered with US TSCA and US EPA, Oeko-Tex conform

SARS-CoV-2
(COVID-19)

99.99%*
reduction



H1N1

>99.99%*
reduction



H5N1

>99.99%*
reduction



RSV

>99.9%*
reduction



* Based on mask studies. Treated masks reduce virus and bacteria infectivity by more than 30 times compared to untreated masks

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100 

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What problems does HeiQ Viroblock NPJ03 solve?

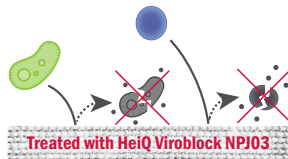
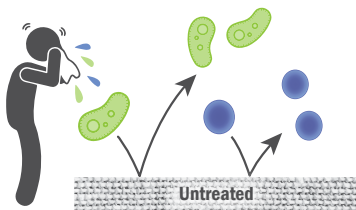
Textiles are an infection and transmission risk

- Textiles provide a large hosting surface area for bacteria and viruses, benefiting their carryover
- Viruses and bacteria can remain active on textile surfaces from days to months ¹⁾
- Human coronavirus (SARS-CoV) can persist for up to 2 days on surgical gowns at room temperature ²⁾

1) A.Kramer et al (2006): "How long do nosocomial pathogens persist on inanimate surfaces? A systematic review"

2) G.Kampf et al (2020): "Persistence of coronaviruses on inanimate surfaces and its inactivation with biocidal agents"

HeiQ Viroblock NPJ03 helps reduce the infection and transmission risk



- Textiles treated with HeiQ Viroblock NPJ03 actively inhibit viruses and kill bacteria upon contact
- HeiQ Viroblock NPJ03 treated textiles help to minimize the potential for re-transmission of pathogens from textiles

HeiQ Viroblock NPJ03 application areas



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HeiQ Viroblock was further developed from:

viroblock 

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