HeiQ Viroblock NPJ03
Antiviral and antibacterial protection

Effective in minutes

- Strong antiviral and antibacterial effect against enveloped viruses (incl. coronaviruses) and bacteria
- 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 40 °C (104 °F)
- Regulatory coverage: EU REACH compliant, main ingredient registered with US TSCA and US EPA

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

Coronavirus (229E) >99.99%* reduction
H1N1 >99.99%* reduction
H5N1 >99.99%* reduction
RSV >99.9%* reduction

<99.99%* H1N1 reduction
>99.9%* RSV reduction
>99.99%* H5N1 reduction
>99.99%* Coronavirus (229E) reduction
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 \(^2\)


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

- Clothing
- Medical nonwoven
- Home textiles

HeiQ Materials AG
Ruetistrasse 12, 8952 Schlieren (Zurich), Switzerland
+41 56 250 68 50
info@heiq.com

www.heiq.com

Vers. 2020/04