**CATEGORY**

PERFORMANCE

STATUS

Available

TREATMENT SUB-CATEGORY

WELLNESS WEAR

Our Wellness wear sub-category is dedicated to fabric treatments or to the use of yarns that provide an advantage in terms of physical well-being for the wearer.

FUNCTIONALITY

VIROFORMULA™ fabrics offer effective protection against viruses and bacteria, thanks to the application of HeiQ Viroblock technology. This cutting-edge technology prevents the fabrics from becoming a host for harmful viruses and bacteria and as a consequence reducing the risk and speed of contamination and re-transmission, without altering in any way the physical and mechanical properties of the fabrics. The product is effective against the main types of viruses: H1N1, H5N1, H7N9, RSV and Coronavirus (229E), which also include SARS-CoV-2, the coronavirus that causes Covid-19.

TECHNICAL INFORMATION

The chemical-textile elements allow to destroy viruses thanks to the breakthrough combination of:

- silver-based technologies which generate antiviral reactions by attracting viruses and permanently binding them to their sulfur groups;
- the fatty vesicle technology (Liposomes) which works as a booster that destroys viruses by depleting the viral membrane of its cholesterol content.

HeiQ Viroblock NPJ03 was a textile treatment originally innovated for face masks. In face mask testing, it is proven to greatly reduce the infectivity of viruses and bacteria.

ATCC VR-740 (Human Coronavirus)	> 30 times more effective
H1N1 (Human Influenza A)	> 50 times more effective
H5N1 (Avian Influenza A)	> 100 times more effective
H7N9 (2013 Influenza A virus)	> 200 times more effective
RSV (Respiratory Syncytial virus)	> 50 times more effective
Mycobacterium terrae (ATCC 15755)	> 50 times more effective

WHAT CAN YOU OBTAIN AS A CLIENT?**DOCUMENTS**

1. ISO 20743, ISO 18184, AATCC 100 tests by HeiQ, for the antiviral and antibacterial properties of the chemical-textile auxiliary.
2. ISO 20743, ISO 18184:2014, AATCC 100 tests on Albini fabric.

COMMUNICATION TOOLS

LABEL

(work in progress)

REQUIREMENTS

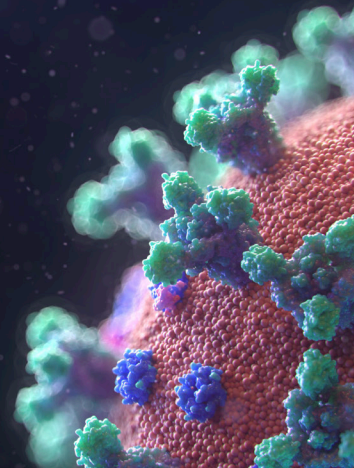
1. Purchase of a fabric where the ViroFormula treatment is proven to be applicable.
2. Signed document (indemnification) for labelling liability (see disclaimer).

REQUIREMENTS

1. Signed document (indemnification) for labelling liability (see disclaimer).
2. Eligibility according to our loyalty program status.

DISCLAIMER

The requirements for labelling of articles treated with an antimicrobial and/or biocidal technologies can vary from country to country. Several countries have specific regulations for such treated articles. It is the brand's responsibility to ensure labels and claims which accompany their products are fully compliant with local laws of all markets where the products are sold into. Cotonificio Albini Spa fully disclaims itself from the brand's labelling and underlines that it will only provide general (i.e. claimless) labelling. Albini is of course at your disposal to support you with further information. Furthermore, Cotonificio Albini Spa, clearly informs that the technology is not intended to prevent disease and is only offering extra safety to the product. Each person is still required to take the opportune, necessary and legal safety measures.



RECOMMENDED TEXT FOR HANGTAGS AND COMMUNICATION MATERIAL

The following text has been legally controlled and can be reported on hangtags and any other communication tools that accompany products made with ViroFormula fabrics.

This product is treated with a biocide to preserve it from the contamination by microorganisms on its surface, such as viruses and bacteria. It contains silver chloride. WARNING: The biocidal properties of this garment persist up to a maximum of 30 washes. This product has no primary biocidal function and does not replace the ordinary norms of prevention of bacterial or viral infections.

This text is valid only in EU / EEA / UK. For other countries the client needs to check the legality of the text in compliance with what is indicated by local laws. Albini provides an illustrative and non-binding compendium in support of the customer, also remaining available for any other clarifications.

FABRIC APPLICABILITY

VIROFORMULA™ fabrics have been created for all types of clothing, making them ideal for the production of shirts, jackets and trousers, as well as for masks, gowns and any other garment. The ViroFormula technology is applicable on all our cotton and linen qualities both in terms of structures (Poplin, Twill, Oxford, ...) as well as in terms of weights (Shirts, Jackets and Pants).

WHERE TO FIND IT

In the face of all the positive tests, the ViroFormula finishing can be ordered as an exclusive. Once industrialized, we plan to include the treatment both in the collection proposals and in some of the Service Program selections.

EXTRA

The auxiliary at the base of the ViroFormula treatment has been carefully tested for the safety of people, for whom it has been considered as dermatologically non-irritating, harmless to the skin and body. It is also environmentally sustainable.

From the first tests, the garments maintain the technical antiviral characteristics even after 30 washes at a mild temperature.

To know more: www.albinigroup.com/en/viroformula/