

PROTECTIVE MASK

PRODUCT SPECIFICATIONS



PRODUCT SPECS

- INFUSED WITH **SILVERPLUS®** ANTIMICROBIAL TECHNOLOGY
- MADE FROM 100% MICROPOLYESTER
- ONE SIZE FITS ALL

KEY BENEFITS

- ANTIMICROBIAL TECHNOLOGY
- REUSABLE, MACHINE WASHABLE
- FADE & STAIN RESISTANT
- DURABLE PERFORMANCE
- EASY & QUICK TO PUT ON
- MOISTURE WICKING
- COMFORTABLE FIT
- MADE IN THE USA

SILVERPLUS® is the most intelligent and innovative manner for your textiles to economically and ecologically enter new fresh dimensions. The **SILVERPLUS®** finish protects your textiles from unpleasant body odours, even at low washing temperatures. The need to wash a textile due to unpleasant body odours, will disappear. This also prolongs its life span. This is why **SILVERPLUS®** is not only economical, but has indirect ecological effects during washing/textile care, wearing/using, drying and storing textiles.

SILVERPLUS® transfers the element silver into a silver compound which has been applied to microstructured substrates by means of highly innovative coating procedures. One gram of microstructured **SILVERPLUS®** active ingredient has a superficial area of ca. 600,000 cm². The advantage of the enlargement of the superficial area is that the consumption of resources can be minimised by the factor 100 compared with metallic silver. At the same time, the effects are maximised, similar to the mode of action of platinum in automotive exhaust catalysts.

Due to this highly innovative procedure a virtually infinite deposit is created from which highly effective positive silver ions are set free in small (some ppm) exactly dosed quantities whenever needed, i.e. in the presence of moisture.

Due to the triple effect mechanism of **SILVERPLUS®** many odour-causing bacteria cannot adapt to the effect of silver ions. The antimicrobial effect of the natural element silver is exclusively based on free silver ions. Due to a triple effect mechanism, silver ions with a positive charge have bacteriostatic effects.

More Information Available at: <https://www.rudolf.de/en/technology/silverplus/>

For More Information, Contact:
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