

PRESS RELEASE
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MAPA AND PYLOTE LAUNCH ALTO 405 ACTIVATED , A NEW ANTIMICROBIAL LIQUIDPROOF PROTECTIVE GLOVE



As part of their strategic partnership signed in December 2022 to develop and market antimicrobial protective gloves, MAPA, a leading player in the protective glove market, and PYLOTE, a key player in industrial mineral chemistry, are today launching *Alto 405 Activated*, a unique antimicrobial liquidproof glove that limits the cross-contamination by viruses and bacteria.

These new chemical protection gloves will offer companies an unprecedented means of preventing the risk of transmitting microbes. They embed PYLOTE's antimicrobial mineral technology, derived from green chemistry, in a single manufacturing step using only air, water and heat, without any organic solvents, and generating no waste. What's more, this technology contains no metals or nano particles and its permanent mechanism of action is release-free to kill micro-organisms.

Already industrially qualified, *Alto 405 Activated* gloves have been tested for their virucidal action on SARS-Cov2 (the virus responsible for Covid-19) at the INSERM COFRAC-accredited microbiology laboratory at Limoges University Hospital. Efficacy was demonstrated to ISO 21702 standards, with over 99% destruction of viruses. In terms of bacterial efficacy, *Alto 405 Activated* gloves tested to JIS Z 2801 showed a reduction in bacteria of over 99.99%.

In addition to this new antimicrobial protection, which limits the transmission of microbes by protecting the glove surface thanks to a unique technology combining efficiency, permanence and safety, *Alto 405 Activated* gloves combine comfort and perspiration absorption thanks to the cotton flock lining, tactile sensitivity thanks to the glove's thinness, and good grip thanks to the embossed texture. They are mainly used in environments where hygiene is paramount and where cross-contamination is a key issue.

Bertrand Genuyt, President of MAPA SPONTEX, commented: *"I am extremely pleased to announce today the launch of the Alto 405 Activated, an antimicrobial protective glove unique on the professional market to date. After months of research and testing with our partner PYLOTE, we have succeeded in integrating their patented antimicrobial mineral technology into the manufacture of our glove. This product is a real innovation that meets the specific needs of the market and is perfectly in line with our Corporate Social Responsibility approach. I'm convinced that this launch will be a success, and that our partnership with PYLOTE will continue to open up new opportunities for growth and innovation. Together, we have developed a product that will make a difference in the lives of our customers."*

Loïc Marchin, CEO of PYLOTE, added: *"I'm delighted that PYLOTE and MAPA are today launching this unique new antimicrobial glove to help limit the risk of germ transmission. After more than 10 years' effort developing our innovative technology, it's a success for us every time our partner brands follow through by deploying our technology in their products to bring prevention to the hands of every user"*.

ABOUT PYLOTE - Founded in 2009 and based in Toulouse, France, Pylote is a key player in the cleantech industrial mineral chemistry, recognized worldwide for its sustainable disruptive patented innovation commercialized in the market since 2020 in different markets such as healthcare, cosmetic, building and consumer goods. Pylote helps protect people and their well-being by reducing the transmission of contamination and the risk of infection by activating continuously shared surfaces and repeatedly used products to kill microbes. Pylote deploys its preventive approach by integrating regulatory, marketing and industrial steps in its offer to generate a powerful value proposition in a rapid time-to-market, without any investment or change in the product manufacturing process. The efficacy of Pylote natural antimicrobial technology has been tested through independent laboratories and has demonstrated its effectiveness on a very large number of microorganisms specific to the technology's applications sectors, in vitro and in real life. More information about Pylote in our website: www.pylote.com.



ABOUT MAPA PROFESSIONAL - Founded in 1978, MAPA PROFESSIONAL is a brand specialized in the development and manufacturing of synthetic protective gloves and recognized by professionals in the PPE market. The brand's vision is to protect the well-being of employees around the world and keep their work environments clean, safe and healthy. The company's mission is to be the leader in the protective glove market through: innovation, differentiated product technology, efficient distribution and understanding of end-user needs. With a complete range of highly technical products, we tackle the risks linked to the hand, meeting professional requirements. But beyond our products, MAPA PROFESSIONAL is committed to a Corporate Social Responsibility initiative, "Our caring actions", aiming to protect our users of course, but also our employees and the environment. For more information about MAPA PROFESSIONAL, please visit our website: www.mapa-pro.com

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