

Prolexus launches antiviral face mask ProXmask in Malaysia

17 August 2021 | News

ProXmask™ micro-filtration technology enables ? 95% PFE (Particle Filtration Efficiency) and BFE (Bacteria Filtration Efficiency).



ProXmask™ is the first antiviral face mask mass-produced in the Asia Pacific by Prolexus Group. The antiviral face mask is created by Prolexus Group, a globally renowned sports apparel with highly innovative fabric technologies ahead of conventional reusable face masks in the market.

The U.S. CDC conducted experiments highlighting the importance of a good fit to maximize mask performance and effectively control the spread of COVID-19. ProXmask™ is positioned as virus protection essential by being embedded with a high-quality filtration structure. Its ergonomic design will enable a better-sealed fitting with ease of breath.

ProXmask™ mask is tested to be 99% antiviral in its function against coronaviruses and bacteria. The water repellency feature enables effective shielding from respiratory droplets containing viruses and bacteria. ProXmask™ micro-filtration technology enables ? 95% PFE (Particle Filtration Efficiency) and BFE (Bacteria Filtration Efficiency). It is Washable and reusable up to 60 times, which makes it an environmentally friendly product.

The innovative and cutting-edge antiviral technology is supported by a well-known European textile chemical manufacturer, HeiQ Materials AG, whereby the fundamental of the antiviral technology involves the presence of active positive charges on the fabric, as binding sites for viruses. Upon contact with the fabric, virus cells that are negatively charged are neutralised, leading to the rapid destruction of their glycoprotein layers and the release of non-infectious ribonucleic acid (RNA).

ProXmask™ is registered with FDA and CE and is also the first fabric mask in Malaysia to obtain product certification from SIRIM QAS International recognizing its product quality control. The face mask is also accredited by internationally renowned labs from Interlek, TÜV SÜD, NIOSH, and more.