

**FOR IMMEDIATE RELEASE**

**DOUBLE LAYERS OF GRAPHENE OXIDE MASK TECHNOLOGY TESTED BY  
KOREAN INSTITUTE COMPLIANT WITH THEIR FDA EQUIVALENT KOREAN  
ACCREDITATION SYSTEM DEMONSTRATES 99.9% BACTERIAL FILTRATION  
EFFICIENCY (BFE)**

**MYGO2MASK consists of 4 layers, 2 of the highest quality anti-viral, anti-bacterial Graphene Oxide, and filters particles 3 millionths of a micron, significantly smaller than a covid virus particle and significantly smaller than that of an N95 mask**

**Delray Beach, FL—February 26, 2021 G-MASKS, LLC,** —A new study conducted by the Korean testing and research company Kotiti, [www.kotiti-global.com](http://www.kotiti-global.com), validates that the Graphene Oxide technology applied to the MyGo2Mask, [www.mygo2mask.us](http://www.mygo2mask.us), provides a 99.9% Bacterial Filtration Efficiency (BFE). The Kotiti testing is compliant with the Korean Accreditation System's (KAS) requirements for such testing.

In specific, the Korea Accreditation System (KAS) is a national accreditation body established in 2001 within the framework of Korean Agency for Technology and Standards (KATS) which is a governmental body under the Ministry of Trade, Industry & Energy (MOTIE). The Administrator of KATS serves as the Head of KAS.

Most important, the scope of a Korean technical file is similar to a European technical file/design dossier or a US FDA 510(k) or PMA submission.

“These tests, results and requirements are in many ways identical to those sought by the authorities here in the US and are the most encouraging to date that continue to support the claim that the graphene oxide technology applied to the MyGo2Mask could very well be the best protection from the virus,” said Shep Doniger of G-Masks, LLC.

Studies from around the world prove that Graphene Oxide technology, particularly when used in a multi-layered lattice structure as is featured in the MyGo2Mask, provide the highest levels of filtration, breathability, absorption and antiviral and bacteriostatic qualities. Experts agree that the more layers and barriers the stronger the shield and MyGo2Mask is a full 4-ply super high-quality graphene-oxide coated face mask that traps 99.9% of particles at a size of .3 nanometers or smaller, including Covid-19 virus droplets and flu particles.

MyGo2Mask features superior filtration capabilities which is what experts recommend for maximum protection. Coronavirus particles are measured between .07 and .09 microns or 25-65 nanometers. While N95 masks filter 95-99% of particles, it only filters particles larger than 0.1 microns or 300 nanometers. MyGo2Mask is recognized as an N99 mask whose graphene oxide layers filter 99.9%, of particles measuring .3 nanometers or smaller (3 millionths of a micron) making it virtually impenetrable. (i.e. average human hair measures 75 microns which is 1000x's larger than a single nanometer). Simply put, the MyGo2Mask provides ideal Coronavirus filtration and the ability to destroy the virus and flu within minutes of contact whereas the N95 mask does not.

As stated in numerous independent studies, graphene oxide helps repel and “potentially kill or destroy” different types of viruses containing what scientists call micro droplets. According to studies done on graphene at MIT

[A Ivanoska-Dacikj, U Stachewicz - Reviews on Advanced Materials ..., 2020 - degruyter.com](#)

and Hong Kong’s Polytechnic University, the material is referred to as “super hydrophobic” and reduces the chance of infectious droplets adhering to it and according to experts, “rips coronavirus apart.” The following link discusses the special properties of high-quality graphene oxide:

<https://spectrum.ieee.org/nanoclast/semiconductors/optoelectronics/new-graphene-metamaterial-device-heats-to-160c-under-sunlight-in-seconds> (Please load in browser)

Additionally, the outlet Sci-Tech Daily reported in September, 2020 that in research conducted at The City University of Hong Kong, “Graphene’s sharp edge damages the bacterial cell membrane and kills the virus. It may also be killed by the hydrophobic (water repelling) property of graphene.” (The research was conducted by Dr. Ye Ruquan, Assistant Professor from City U’s Department of Chemistry, in collaboration with other researchers. The findings were published in the scientific journal ACS Nano, titled “Self-Reporting and Photothermally Enhanced Rapid Bacterial Killing on a Laser-Induced Graphene Mask.”)

Every MyGO2Mask is shipped hermetically sealed and features a unique and patented graphene oxide bonding system. Using the highest quality graphene from an internationally recognized producer of pure graphene oxide out of South Korea, the material is then further modified by a second patented process that enables it to destroy bacteria and viruses that come in contact with it. Studies show that less than .01% of a virus remains alive after contact with the graphene oxide enabled mask. The mask has earned a CE certification for meeting EU Standards, achieved a US Standard for a BFE of 99%, has an FDA Registration and has earned NSF Certification (National Sanitation Foundation, USA) and is accredited by ANSI (American National Standards Institute). (Citation--Volume 2020 |Article ID 7286735 | <https://doi.org/10.34133/2020/7286735>)

Ming Hui Chua, Weiren Cheng, Shermin Simin Goh, Junhua Kong, Bing Li, Jason Y. C. Lim, Lu Mao, Suxi Wang, Kun Xue, Le Yang, Enyi Ye, Kangyi Zhang, Wun Chet Davy Cheong, Beng Hoon Tan, Zibiao Li, Ban Hock Tan, Xian Jun Loh, "Face Masks in the New COVID-19 Normal: Materials, Testing, and Perspectives", *Research*, vol. 2020, Article ID 7286735, 40 pages, 2020. <https://doi.org/10.34133/2020/7286735>

Adding to the graphene oxide story is the fact that two 2010 Nobel Prize in Physics winning scientists have been associated with the company and the development of the product since the company’s founding. See the link below for the full details on their groundbreaking experiments regarding the two dimensional material graphene oxide:

<https://www.nobelprize.org/prizes/physics/2010/press-release/> (Please load in browser)

More information about the graphene oxide powered MyGo2Mask, including product certificates and supporting scientific studies can be found at [www.mygo2mask.us](http://www.mygo2mask.us). Media samples can be requested by contacting Shep Doniger directly at 561-637-5750 and [sdoniger@bdcginc.com](mailto:sdoniger@bdcginc.com).

**LIMITED MEDIA SAMPLES AVAILABLE**

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