

# Anti-virus film



## Overview

The product has a global certificate. The factory behind the innovation is a long-term partner of Samsung and LG. Samsung and LG will start using this film on their mobile phones. The development of the anti-virus film started in Korea five years ago due to the SARS epidemic. The product has been on the market for a few months and it is now commonly used in Korea in e.g. hospitals, different touchscreens (self-service cash registers and ticket sales), public spaces to cover railings and protecting elevator buttons.

The film's thickness is 150 microns which guarantees its functionality even in heavyduty use. The active ingredient in the product is copper mixed into the film. Coronavirus can remain infectious on various surfaces for multiple days; however, on a copper surface the virus becomes inactive in 30 minutes. The continuous back-and-forth movement of electrons triggers an antimicrobial effect in the metal which eventually kills 99.9% of the germs. The film is sticky on one side which makes it easy to attach to different surfaces. It stays functional for years and requires no special maintenance. The product is affordable, harmless for humans and the environment and recyclable.