

Ascend expands antimicrobial Acteev™ technology to combat COVID-19

11 September 2020 | News

New breathable, reusable masks fill the gap between uncomfortable disposable masks and high-demand N95s



US-based Ascend Performance Materials, a manufacturer of technology-forward textiles and engineered materials, has come up with a new line of face masks combining comfort with protection.

The brand's first product, the Acteev Protect™ Nonwoven Mask, is a reusable general-purpose mask that features powerful built-in antimicrobial technology to protect the mask from odor-causing bacteria and mold fungi in a soft, breathable, comfortable fabric that is gentle on the skin.

The Acteev Protect Nonwoven Mask is a reusable general-purpose mask that features powerful built-in antimicrobial technology to protect the mask from odor-causing bacteria and mold fungi in a soft, breathable, comfortable fabric that is gentle on the skin.

The mask is the first in a series of planned Acteev product introductions that will include a knit fabric mask and a sports gaiter.

The University of Cambridge has demonstrated that Acteev technology deactivates the virus that causes COVID-19, SARS-CoV-2, with 99.9 per cent efficacy on contact. Ascend is working with the US Environmental Protection Agency, the US Food and Drug Administration and other governmental agencies to obtain the appropriate regulatory clearances to make specific claims regarding the technology's antiviral properties.

Acteev Protect Nonwoven Masks are made with Acteev™ technology with active zinc ions in a polymer matrix to destroy microbes.

The Acteev Protect Nonwoven Masks are constructed with three layers of zinc-embedded materials.