

Innovative virus destroying Wearables can turn people into 'human virus neutralisers'

Is becoming a 'variant factory' inevitable? No – there's an alternative. They call themselves 'Transmission Hackers' and they're democratising PPE for the masses. A virus reducing partner in 'Covid World' to outsmart Covid.



Buckinghamshire, Milton Keynes, Jul 18, 2021 ([Issuewire.com](https://www.issuewire.com)) - Ground-breaking anti-viral wearables developed by [Akhand Armour](#) in Milton Keynes can help turn people into 'Human Sanitising Shields' to deactivate the virus by stealth as they walk through the community...

As soon as infected droplets land on the wearables which are impregnated with the virus destroying tech, the outer wall of the coronavirus is destroyed rendering it useless.

Akhand Armour's Meena Hanspal explains "Our methodologies neutralise the landed virus and bacteria. Killing it off means it cannot infect and cannot mutate. Not only do we mitigate contact-based transmission, but we also mitigate the likelihood of variants developing. By moving over to these wearables we can help reduce background virus transference by removing landed infected droplets from circulation."

"This means we've got 'human virus neutralisers' moving through the community" says Meena. "In the same way as people can become 'virus transmitters', we can turn them into 'human virus neutralisers'. There will be strength in numbers - the more people using the tech, the greater the community shielding effect".

These virus-destroying [wearables](#) are the brainchild of Hanspal, a Strategist specialising in hacking growth for businesses. They now call her a 'Transmission Hacker'.

The tools interrupt the transmission journey of the virus and provide immediate intervention. The result is a virus destroying “self-sanitising eco-system” which continuously neutralises infected droplets as they land.

“No shortcuts” they say, Akhand has [developed a dual pathway system](#) for enhanced virus destruction which has been tested and certified at MSL, a microbiological testing laboratory based in the UK. They are the first to achieve an ISO certification for non-medical face masks and wearables - scientifically confirming the landed virus is destroyed on contact with the fabric.

[Proven effective against coronaviruses](#), the flu, and bacteria as well as a multitude of other germs the “self-sanitising eco-system” includes [face masks](#), [sanitising face mask pocket cases](#), [glasses cases](#), [shopping bags and mobile phone cases](#). They have also developed [scarf-mask hybrids \(called a Scarsk™\)](#) for people who cannot get on with masks and a baby changing blanket for use in public baby changing rooms or when travelling.

“Virus neutralising technology has been around for decades,” says Akhand “This is well tested, robust tech which we have repurposed to support communities to reduce contact-based transmission”.

“I realised at the height of the pandemic that expertise here in the UK was being underutilised – it’s as though the information needed by the public in order to better protect themselves, was being withheld from them. We’ve now democratised PPE. We’ve opened it up for the general public and we manufacture here in the UK.”

The issue with ordinary face coverings is they can become an infectious surface and need to be worn with care. This is especially true when the virus is airborne.

Dr. David Greensmith, one of Akhand’s scientific advisors and a leader in Infectious Diseases at the University of Salford points out that face coverings can become contagious surfaces by collecting microbes through use. He adds “...a covering which is designed to *prevent* transmission may, after time, *facilitate* it.” Dr. Greensmith goes on to say “...a face-covering augmented in the way Akhand Armour has developed, can ultimately reduce the likelihood of microbe spread between individuals...and effectively contribute to a respective reduction in R-value.”

Akhand explains “With mixed messaging around masks throughout the pandemic, the public was being ‘penalised’ for seemingly not knowing how to wear masks properly – but this is an unfair interpretation of what’s really happening out there.”

“Expecting the general public to wear masks in the same way as one would in medical settings is an almost impossible task. Good mask hygiene means you’ve got to be fully aware at all times that infected droplets can settle on the outside surface. In the real world, people find themselves having to re-use the same mask multiple times a day. It’s usually stuffed in a pocket and re-worn whilst rushing about living busy lives”.

“We take the stress out of masking. By moving over to wearables which destroy the virus on contact, we are helping to make the process of covering up less perilous” says Akhand.

“We’ve engineered wearables fit for ‘Covid World’ ” say Akhand, “We disguise it as everyday wear, make it easy to use whilst at the same time make sure it works by self-sanitising on the fly. We make it easy for the user and easy for the people around the user”.

The T4 uses two different virus destruction technologies to self-protect whilst the sanitising face mask pocket case also continues to destroy virus on both the mask and your pocket between uses. Remaining active for the life of the textile makes these wearables much more sustainable to our planet than disposable face masks with each T4 Quad-lock saving upwards of 400 disposable masks per person.

They look and feel like a luxurious fabric and are engineered to fit in with life as we live it. “Even as restrictions are removed, many people will be hesitant about the potential risk since Covid numbers are rising steeply. Using an anti-viral wearable when you go out will dramatically reduce those risks, helping to neutralise the virus within the community.”

Switching from widespread use of disposable face masks or cloth face coverings to widespread use of these anti-viral wearables means we may also be able to subvert the danger of becoming a ‘variant factory’. Ordinary face coverings leave the virus to be transferred from surface to surface whilst the active particle dies a very slow death. This gives the virus a chance to mutate and puts the wearer in a state of fear as they worry about touching a potentially infectious surface.

“We remove the panic. The tools work with you to continue to neutralise infected droplets in the background so you can get on with whatever you’re doing. We’re like your virus reducing partner – we support your journey instead of interfering with it – we can help people to start socialising more freely”.

All of the products have been engineered to be diversity friendly with ‘2nd Skin Form Fit’ accommodating multiple face shapes, hats, turbans, beards, headwear, and hearing aids.

The solutions, termed by Akhand as “Adaptive Non-Medical PPE™”, can add an extra layer of protection as societies start opening back up to socialise and travel.

Tested to 50 washes the T4 Quad-Lock System and wearables not only outsmart the virus but also outsmart ordinary face coverings.



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