

Nano Copper Filter



5 / 10 / 25 Replacement filters included



Premium Bio-degradable Mask with 7 Layer Protection developed using state of the art and robust Patent pending Technology.



Antiviral



Antibacterial



Antipollution



Antidust



Affordable



Anti Odour



Changeable Filtrate



Hydrophobic



Sterilization Systems



Sweat Absorbent



Upto 25 Washes



Wickability

VIBE Usages

Personal



Outdoor Activities



Students & Senior Citizens



Shopping



Travel / Commute

Professional



Site Visit



Office



Toll Booth



Traffic Guards/ Security / Courier

7 Layer Protection

(Five layer Particulate filtrate)

Filter with Nano coating made out of Cellulosic material with 2 layers of treated Mask.



Layer 1 Sustainable woven – Super Hydrophobic

Sustainable Woven - Superior Quality tightly weaved diamond structured Fabric. Super hydrophobic coating finish for 20 Washes, restricts the entry of airborne particles and droplets into Mouth/Nose Area.

Layer 2 & 6 Particulate Filter

Airborne biological agents such as bacteria or virus can be filtered by this particulate filter. Also, it can filter the Particulate pollution in various industries, including welding, grinding, sanding, sweeping, bagging, dry chemical handling, and paper processing.

Layer 3 Fluid Resistance Filter

Virgin hydrophobic Non-Woven layer with high water resistance and will restricts the airborne fluid particles to a great extent.

Layer 4 Nano Film Filter

Made out of Biodegradable Cellulosic membrane Nano film, A natural polymer used in a wide range of medical applications, like tablet coating.

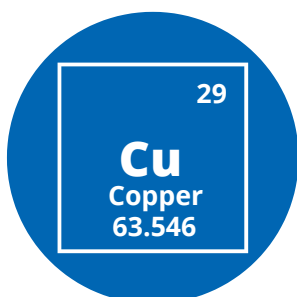
Layer 5 3D Crystal Filter

3D Crystal Layer Hydrophilic Virgin Non-Woven Fabric with 3D Crystal Coating. When the virus or bacteria containing droplet comes in contact with this coating surface, the water evaporates due to osmotic imbalance between the organism and the filter surface. Crystal Surface punctures the virus present, killing them instantly.

Layer 7 Skin Friendly Fabricwith Antimicrobial & Wicking

High grade Virgin synthetic fabric treated with N9 Pure Silver Finish, works as anti-odour agent. Also has a wicking property to absorb Sweat and Saliva inside the Mask

Why Copper ?



Copper is an effective antiviral metal, It has been proven multiple times by the scientist across the world in various studies that it deactivate Viruses including Human Corona Virus in few minutes of contact. We have extensively used Copper Nanoparticles in our Antiviral Filter, which is tested multiple times against human Corona Virus 229E.

VIBE Efficacy Chart

	Virus	Bacterial	Dust	Pollen
VIBE	95 %	>99 %	>99 %	>99 %
Surgical Mask (Medical Use)	95 %	80 %	80 %	80 %
FFP1 Mask (Isolate Suspended Particles)	95 %	80 %	80 %	80 %
Activated Carbon (Stop Odour)	10 %	50 %	50 %	50 %
Cloth Mask (DIY)	0 %	30 %	30 %	30 %
Sponge Mask (Fashion Use)	0 %	5 %	5 %	5 %

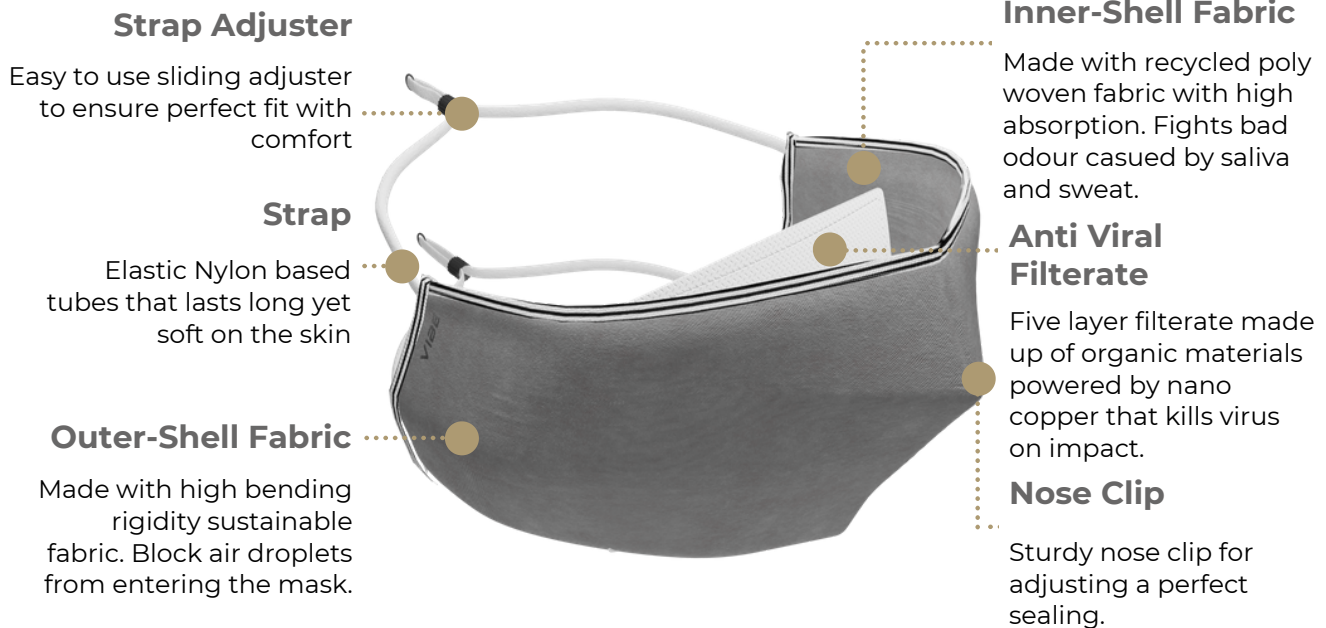


SDG Goals – Comparative Chart

Safety not at the cost of Environment

Goals	Detail	IN95	Top Branded Disposable Mask
SDG-3	Good Health & Well Being	✓	✓
SDG-6	Clean Water & Sanitation	✓	✗
SDG-9	Industry Innovation	✓	✗
SDG-11	Sustainable Cities & Communities	✓	✗
SDG-12	Responsible consumption & Production	✓	✗
SDG-13	Climate Action	✓	✗
SDG-15	Life on Land	✓	✗

Functionality to the Core



Certifications



- ✓ Antiviral - Filter - IS-18184
- ✓ Bacterial Filtration Efficiency - Filter - ASTM 2101 :2019
- ✓ Particulate Filtration Efficiency - Filter - ASTM F2299
- ✓ Water Resistance Impact Penetration - Outer Layer Fabric- AATCC - 42:2013
- ✓ Breathability Resistance Mask with Filter - IS-16289
- ✓ Wicking Ability - Inner Layer of Fabric- AATCC 197:2013
- ✓ Anti Bacterial Activity - Filter Layer - IS-20742: 2007
- ✓ Anti Bacterial Activity - Outer Layer of Fabric after 5/15 & 25 washes- IS-20743

- A PRODUCT DEVELOPED IN TECHNICAL CONSULTATION BY NID/INDIA.
- PRODUCED BY - GW IMPEX PVT LIMITED, - INDIA
- SPONSOR : INQ INNOVATION GLOBAL PTY LTD, SYDNEY, NSW 2000
- GMDNS CODE 12447
- ARTG ENTRY 342555