

# WE WISH MASKS WORKED TO STOP VIRUS SUCH AS COVID...

## The Facts about cloth Masks



You have a better chance of stopping a baseball dropped from a helicopter into the Astro's Minute Maid Park with a mask than a cloth mask stopping a COVID virus particle.

**Number of air particles in a single cubic inch:**

**500,000,000,000,000,000,000**

### **Size Comparisons for your reference:**

- 1) Micron is 1 millionth of a meter or 1000 microns in a millimeter
- 2) Human hair is 100 microns in diameter
- 3) Human blood cell is 7 microns in diameter
- 4) Bacteria is 1.5 microns average
- 5) Coronavirus is .1 micron diameter

Calculating thread count on cloth masks and the holes in cloth masks, the general conclusion is:

Square holes stack upon one another 7000 microns vertically and 7000 horizontally leaving a "hole" or clear unobstructed pathway for air particles to enter. Remember, air is made of particles...molecules, pathogens, dust and an array of air gasses

To fill that "hole" you could fit 49 million viruses packed side to side and top to bottom...

Masks are effectively a screen door in a dust storm.

This is difficult for many people to believe due to the massive PPE marketing program combined with the mass hysteria and fear of death portrayed in the media.

Rational, clear minded science is what is needed...so, here are the science facts and physics for your consideration:

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## What "N95" NIOSH mask means:

N = not approved for oils  
95 = it Will stop 95% of any particulates .30 microns & larger

**Coronavirus is .1 of a micron in diameter**

That raises a very important question:

**How is something .30 microns across going to block something only .1 micron?**

**Answer: it is not likely that it can be effective at all.**

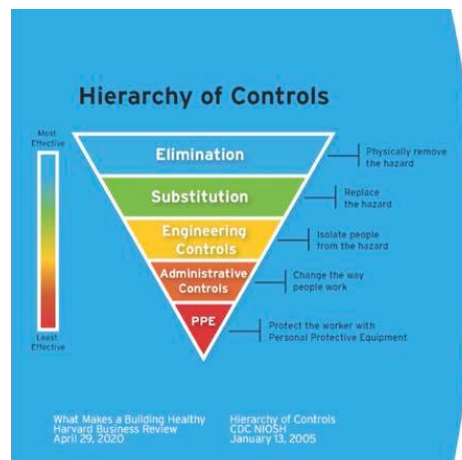
Masks may help you feel better, that you are doing something, but, have little effect on actually filtering particles as small as a virus. RNA Viruses such as COVID-19 are simply too small to be physically screened by cloth masks.

The Air Force & Auburn University study concluded that cloth masks were the least effective thing that you could do and page 20 states: "improper wear of PPE may actually do more harm than good by providing a false sense of security."

## What can be done?

From "Most Effective" to "Least Effective" things we can do:

- 1) Elimination of threat
- 2) Substitution of threat
- 3) Engineer Controls to mitigate threat
- 4) Administrative Controls to manage threat
- 5) PPE (Personal Protective Equipment)



## Protect

The case for clean air in our buildings

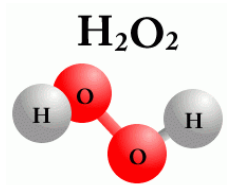
- The Human Biome and Infectious Aerosols
  - Analogy: Second-hand Smoke
- Hierarchy of Controls**
- Strategy for defeating COVID-19 in our facilities

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**Hierarchy of Controls Item 3 “Engineering Controls to Mitigate Threat” identifies items that are the highest and best use of our resources because there are things we can do and technologies we can deploy that greatly reduce the threat.**

The Air Force & Auburn University completed a study on this matter directly focused on the COVID-19 threat to the United States and what defenses as a nation we had at our disposal. This study completed in mid-July 2020 and was sent to Joint Chiefs at the White House for the President of the United States briefing.

The study's focus is Multi-layered Protection of Shared Air Environments; specifically evaluating resources and technology available from the Hierarchy of Controls 1-5 and identified H<sub>2</sub>O<sub>2</sub> DHP (Dry Hydrogen Peroxide) at .2 parts per million air particles as the very most effective means of pathogen mitigation. CIMR technology is the foremost H<sub>2</sub>O<sub>2</sub> generator available on the planet.



H<sub>2</sub>O<sub>2</sub> air gas is the most effective air pathogen seek and destroy method for scavenging all virus. At .2 parts per million, nothing seeks and destroys pathogens better, faster and ongoingly in the air or surfaces better than DHP (Dry Hydrogen Peroxide).

CIMR Scientific is the most effective H<sub>2</sub>O<sub>2</sub> air gas generator on the planet.

CIMR is safe for humans, animals & plants.

CIMR costs as little as \$1 per square foot averaged over 5 years warranted for 6 years.



Developed with the Army, Air Force and NASA with over 10,000 military installations globally and proven for more than 10 years as the most safe and effective bio-terror and epidemic control system available on the planet and space travel today.

**Note: These are easily verifiable facts of physics. We encourage you to use your resources and research each and every assertion made. If you can find a flaw in the science or logic, please provide it.**