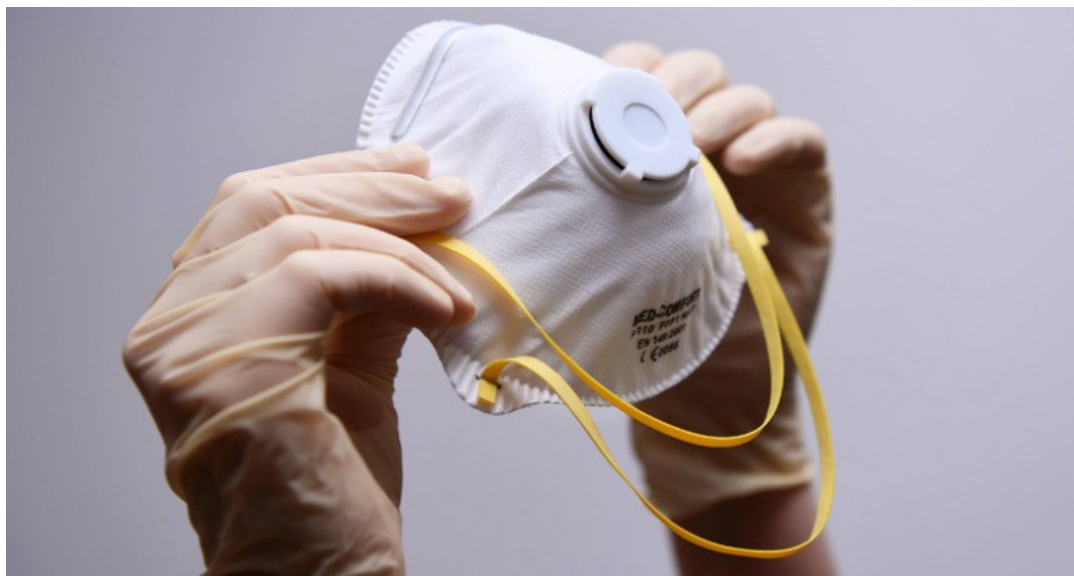


10.12.2020

## Fake and defective FFP2 facial masks harm our lives



(images | photothek | ULMER press picture agency)

### Increased number of faulty KN95 masks from China in Europe

Just a few months ago, not many people around the world were thinking about facial masks. Today, people are well informed about **FFP2**, **FFP3**, **N95**, and **KN95**. But are they really? The so-called KN95-masks (an equivalent of the US standard N95 but produced in China), theoretically stand for a 95% safety against viruses such as Covid-19. While the N95 masks are approved by the FDA (U.S. Food and Drug Administration), the **KN95 masks are not**. The world incl. Europe has been flooded with these masks.

The European standard (tested and approved) is called FFP 2 (Filtering Face Piece, category 2), filtering min. 94% of viruses such as Corona for the breather and the surrounding. They carry a CE approval and norm (EN 149:2001+A1:2009, which are the German equivalent to DIN EN 149:2009-08) all over Europe.

According to "Report Mainz" (ZDF) now, the so-called **KN95** masks from China, with the protection standard comparable to FFP2 masks, were examined by an expert for protective equipment as well as by DEKRA laboratory, the certified German test center. The results: **the masks lack the necessary filter functions**; it would allow **42.8 percent** of viruses to pass through, while just 6 % is allowed as a maximum. It has been recommended to replace defective filter masks immediately as it puts the wearer in danger!

Prof. Dr. Günther Layer, Medical Director of Klinik Ludwigshafen, confirms that they have suffered a high number of Covid-19 (SARS-CoV-2) infections of hospital personnel due to using these Chinese masks. Furthermore, according to "Tagesschau" News, at the peak of the corona pandemic, European authorities and medical professionals bought millions of low-quality protective masks, which appeared to be fraudulent with faked certificates. Millions of masks have therefore already been confiscated in several EU countries to avoid further medical risks. Additionally, according to Christian Kühn, an expert on protective gear, mentioned: A vast number of Chinese respirator masks purchased by the German government (Gesundheitsministerium) are affected by this fraud since the material they use only have a **filter capacity of 15% of viruses, instead of required 94%**.

Due to using Chinese FFP2 respirator masks, nurses and doctors at hospitals across Europe have been heavily exposed to the Covid-19 virus since May of this year, meaning that millions of **fake FFP2 and KN95 masks in circulation** at the moment in Europe and abroad could be problematic. Soon the Federal Ministry of Health plans to supply more than 27 million people at risk with FFP2 masks. How exactly this should be done and how to ensure that no defective masks are issued has not yet been answered by the Federal Ministry of Health.

### **What can you do?**

To be on the safe side: Expandeers is a preferred supplier of protective wear for the Ministry of Health and supplies (genuine) masks to governments, medical agencies, and institutions around the world. We provide the global markets, e.g., Europe, UAE and North Africa, ASEAN, Central America, with **original and CE certified FFP2** Facial protection masks (94% virus protection).

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