

# **PRESS RELEASE**

**IDEAL FOR SPORT AND LONG WEARING:  
NEW MEDICAL FFP2 HEALTH MASKSR WITH HIGH PROTECTION  
WITH LOW RESPIRATORY RESISTANCE**

**Hamburg, March 9th, 2021** - The Hamburg medical device provider CAPULUS Medical Services has added a new type of medical, ETO sterile FFP2 respirator to the range. It is individually packaged, CE / EN 149: 2001 + A1: 2009 - CE 2797 certified, according to the PSA 2016/425 regulations of the British manufacturer Mehma Medical. This mask ensures a high level of protection and comfort, while offering outstandingly low breathing resistance. This makes the new mask, made in Western Europe, particularly suitable for long periods of wear in hospitals, care homes and shift work. It is particularly interesting for use in sports, as the FFP2 mask, despite the increased breathing rate, significantly facilitates inspiration and expiration than when wearing conventional masks and that with a filtration rate of more than 97 percent. This is made possible by the so-called "Hydro Charging Meltblown Process": In conventional FFP2 masks, the main filter consists of electrostatic meltblown material, also known as electret, which is usually made of polypropylene. In order to achieve sufficient filtration efficiency, many polypropylene fibers must be stacked in these masks, which in turn results in high breathing resistance, which is uncomfortable for some wearers. It is also worth mentioning that the meltblown material of the Mehma Medical masks comes 100 percent from German production and is subject to strict test regulations.

With the hydro charging meltblown process of the Mehma FFP2 respirator, the polypropylene is passed through a special water electret device. A special drying process then creates a "current lock" within the meltblown material, which binds the smallest particles and liquid droplets through a permanent electrical field. In order to be able to guarantee the highest level of purity, the entire production is carried out in a clean room of the 100,000 class. The hydro charging meltblown process has clear advantages over conventional FFP2 masks: three times as much static electricity, the significantly higher filtration efficiency of more than 97 percent and pleasantly lower breathing resistance because only half as many propylene fibers have to be used as with conventional ones Procedure. The new FFP2 mask from the British manufacturer Mehma Medical currently costs from € nt. 0.85 pieces. The data sheet is now available for download from the website at [www.capulus-medical.de](http://www.capulus-medical.de).

**The Hamburg company CAPULUS Medical Services specializes in holistic hygiene concepts for companies, in the import and export as well as the own production of CE / FDA certified medical accessories according to DIN 14683: 2019 + AC: 2019 such as face masks, hand and surface disinfectants with 80% organic ethanol, disinfectant & euro dispensers, sterile PP / SMS surgical gowns and protective suits, antigen rapid tests and infrared clinical thermometers.**

**Customers include Klinikverbund Bremen, Deutsche Post AG, Veltins, Caritas Oldenburg, Hufeland Klinikum, St. Bonifatius Hospitalgesellschaft, Argentum Group, Pflegediakonie Hamburg-West / Südholstein, Federsse Health Center, Eichsfeldkliniken, Benevit Group, Evac Train or world market leader Gelita AG.**

**Contact**

CAPULUS Medical Services

P +49 40 307 772 15  
F +49 40 414 870 25  
E [info@capulus-medical.de](mailto:info@capulus-medical.de)  
W [www.capulus-medical.de](http://www.capulus-medical.de)