

FRAUNHOFER ADDITIVE MANUFACTURING ALLIANCE

PRESS RELEASE

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»Fraunhofer vs. Corona«

5000 3D-printed protective visors for the Johanniter-Unfall-Hilfe e.V.

The Fraunhofer Generative Manufacturing Alliance is participating in the "3D Printing Fights Corona" initiative as a partner of the Medical goes Additive network.

Of the 5000 visors produced in a first delivery by network members, the Fraunhofer GENERATIVE Alliance contributes more than 500 shields as part of the Fraunhofer Anti-Corona Program. The individual components were produced in the past few days on 3D printers at six different Fraunhofer sites. The Fraunhofer Institutes EMI, IAPT, IGCV, IPA, IPT and IWU used various production processes and starting materials for this purpose: for example, filament 3D printing with polyethylene terephthalate (PET), thermoplastically robust acrylonitrile-butadiene-styrene (ABS) or polylactides with regenerative components as well as polyamide (nylon). Numerous other visor holders were also made from polyamide by means of selective laser sintering.



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