NANOFIBER FACE MASK / RESPIRATOR / FILTER

by SPUR a.s.

PRODUCT DESCRIPTION:

SPUR face masks are made of a recently developed nanomaterial that efficiently collects small particles, such as those of coronavirus. The material has a virus filtration efficiency of 70 to 95 % with a very low pressure drop of 45 to 85 Pa – this essential feature minimizes air-leakage around the mask. Masks are suitable for general protection. FFP2 and FFP3 respirators and mask filters for more advanced protection are currently under development.



COMPANY PROFILE:

SPUR deals with the production of plastic products based on its own research and development activities. Since 2012, the company has been active also in the field of nanotechnology. In February 2020, SPUR developed a special nanomaterial SpurTex VS, which meets the standards for the production of medical face masks.

- available by May 2020 (face masks)
- production capacity: 1,000,000 pcs per month (face masks)
- respirators and filters expected by July 2020
- EN 14863 (masks), EN 140 and EN 149 certified, CE by May

WEBSITE:
www.spur.cz

DIRECT CONTACT:
rudolf.dittrich@spur.cz

Czech Republic
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