

DECLARATION



Manufacturer Dypromed s.r.o. **declares that the NANO+ scarfs comply** with the current effective emergency measures no.: MZDR 15757 / 2020-45 / MIN / KAN of 26 February 2021 with effect from March the 1st 2021.

The NANO+ scarf is a similar protective device without an exhalation valve, with a certified filtration ability against viruses and bacteria of 99.9%.

The extraordinary measure (hereinafter referred to as the MoD) **does not specify specific products**, eg. with the designation FFP2, KN95, N95, etc., it only specifies the minimum parameters that the product must meet. At a specific level, it can be said that a product bearing the designation nano - or other partial designation fulfilling the filtration efficiency of min. 94% (EU standard No. 149), or 95% (PRC standard GB 2626), etc., as stated in the MoD, so **this product can be used without difficulty.**

Scarf and nanofiber filter parameters:

- The certified capture efficiency of viruses and bacteria is 99.9%. Tested at Nelson Labs. The nanofilter material is suitable for the production of type II surgical drapes according to the EN 14683 + AC standard or respiratory masks for catching viruses and bacteria.
- Nanofilter composition: AntiMicrobe Web R membrane 99.9% polypropylene, 0.1% PVDF.
- The nanomembrane is a patented Czech product of Nano Medical s.r.o.
- Category: Community nanoscarf.

> 99,9% Bacterial and Viral Filtration Efficiency

ASTM 2100
ČSN EN 14683, type II
ASTM F2101
Tested in March 2020.

Nelson Laboratories
Salt Lake City, USA



| Physical properties | Values | Testing methods |
|--|-------------------------|---------------------------------|
| Basis weight | 85 g/m ² | |
| Bacteria Filtration Efficiency BFE | 99,9% | ASTM 2100 ČSN EN 14683 type II |
| Viral Filtration Efficiency VFE | 99,9% | ASTM F2101 |
| Partial Filtration Efficiency PFE (0,1 μm) | 99,79% | ASTM F2299 |
| Air permeability | < 60 Pa/cm ² | ASTM F2100 ČSN EN 14683 type II |

Manufacturer:
DYPROMED s.r.o.
Rozárčina 7
140 00 Praha 344 01

info@nanoscarf.eu
nanoscarf.eu



We are a proud member of the Czech Nanotechnology Industries Association and a part of the Czech is nano project.