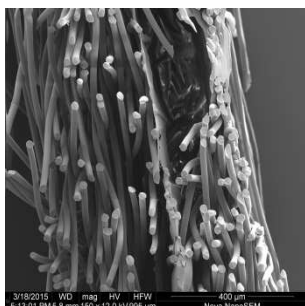
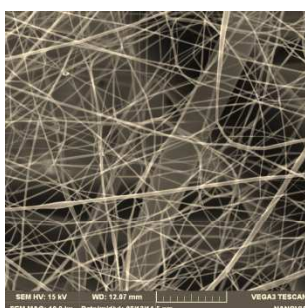




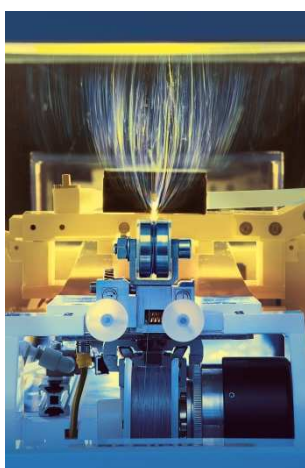
Nanovia Dust Protection NW 70



The material prevents the penetration of dust and pollutants from the air and prevents its inhalation. Filtration efficiency class F7 according EN 779. Filtration efficiency of the material corresponds to the category of face mask PM 2.5.



Nanovia Dust Protection NW 70 - textile filter media for face mask production provides filtration of any dust particles, mold or fungal spores size greater than 2.5 mm with 99,999% efficiency. This material is manufactured with using the most modern textile technologies takes advantage of the unique barrier quality of submicron fibers (nanofibers). By using nanofibrous structure material is highly permeable to air.



Membrane **Nanovia Dust Protection** is designed as a barrier against pollen, spores and dust in the air for applications in face mask.

Composition of Nanovia Dust Protection NW 70

three-layered textile laminate
outer layer: PP SB 35 g/m² (SB)
inner layer: nanofibers layer
outer layer: PP SB 35 g/m² (SB)

www.nanovia.cz

Nanovia s.r.o. | Podkrusnohorská 271, Litvinov, 436 03 | Czech Republic



Technical specifications

Nanovia Dust Protection NW 70			
Physical properties	Value	Unit	Testing Method
Area weight	75	g/m ²	EN 12127
Strength in longitudinal direction	200	N	EN ISO 13934-1
Filtration class	F7		EN 779
Filtration efficiency for particle size 2,5 µm	> 99,99	%	EN 779
Air permeability	300	l/m ² /s	EN ISO 9237
Steam permeability	81,6	%	
Skin irritability	no response	-	EN ISO 10993-1

Material **Nanovia Dust Protection NW 70** is available for customers in a form metrage roll of wound up on paper tube of 76 mm diameter. Material comes in white colour.

Width (cm)	The length of wound up material on the tube	Weight of the wound up roll (kg)
155	150	18

Recommended usage:

Material **Nanovia Dust Protection NW 70** against dust and pollen from the air. Filtration efficiency of the material corresponds to the category of PM 2.5.

Material **Nanovia Dust Protection NW 70** is suitable for production of pleated filter class F8 according to EN 779.