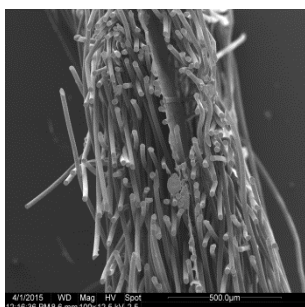




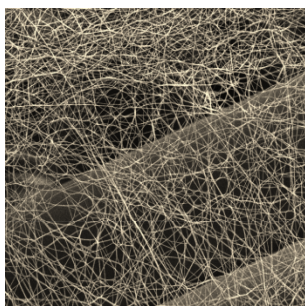
Nanovia AntiAllergy NW40



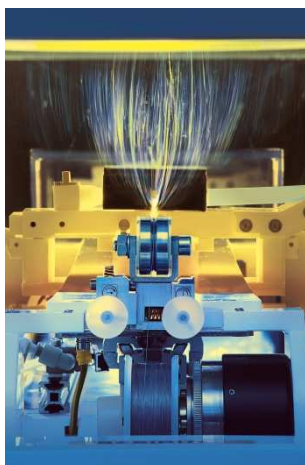
The material provides maximum possible efficiency at capture the allergens and excellent physiological comfort for consumers.

Nanovia AntiAllergy membrane - barrier according allergens penetration

laminated fabric that prevents penetration of dust mites and their produced allergens based on a mechanical collecting principle. Pore size in nanofibers structure is significantly smaller than the size of mites and their produced allergens.



Nanovia AntiAllergy membrane are the only 100% effective fabrics barrier against penetration of allergens. This material 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 breathable and permeable to water vapor.



Composition of Nanovia AntiAllergy NW 40 fabric

three-layered textile laminate:

outer layer: Polypropylene Spunbond 20 g/m²

inner layer: nanofibers layer

outer layer: Polypropylene Spunbond 20 g/m²

www.nanovia.cz

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Technical specifications

Nanovia AntiAllergy NW 40			
Physical properties	Value	Unit	Testing Method
Area weight	56	g/m ²	EN 12127
Strength in longitudinal direction	65	N	EN 13934 - 1
Air permeability	30	l/m ² /s	EN ISO 9237
Water vapour resistance	1,2	Ret (Pa.m ² .W ⁻¹)	EN ISO 11902
Filtration efficiency for particle size 750 nm	99,99	%	EN 779
Resistance to water penetration	23	mm H ₂ O	EN 811
Skin irritability	no response	-	EN ISO 10996-10
Flaming, smouldering	non-ignition	-	EN 597 – 1,2

Protocols of testing are available on request.

Nanovia AntiAllergy material and products made from it can be washed repeatedly at 60°C, ironed at lower temperature or dry cleaned.

Material **Nanovia AntiAllergy NW 40** 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)
154-157	200	18
230-240	200	28

Recommended usage:

Material **Nanovia AntiAllergy NW 40** is suitable for manufacturing barrier covers for bedding (pillow and blanket covers) or for manufacturing of beddings for people with allergies. Material can be used also as a part of a mattress cover.