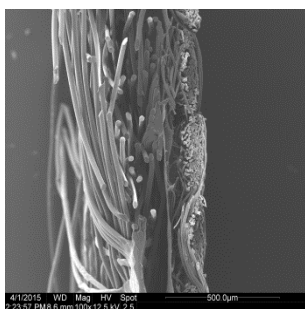




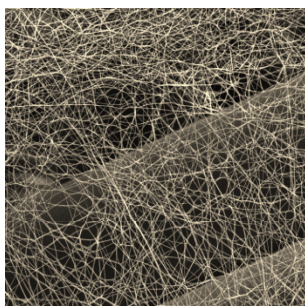
## Nanovia AntiAllergy W Micro



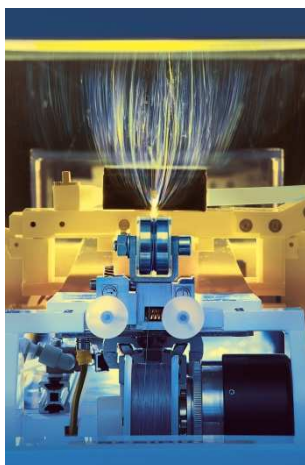
*The material provides maximum possible efficiency at capture the allergens and excellent physiological comfort for consumers.*

### **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 W Micro fabric**

three-layered textile laminate  
outer layer: Polypropylene Spunbond 20 g/m<sup>2</sup>  
inner layer: nanofibers layer  
outer layer: Polyester microfibre soft fabric 85 g/m<sup>2</sup>

[www.nanovia.cz](http://www.nanovia.cz)

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## Technical specifications

Nanovia AntiAllergy W Micro			
Physical properties	Value	Unit	Testing Method
Area weight	120	g/m <sup>2</sup>	EN 12127
Strength in longitudinal direction	200	N	EN 13934-1
Air permeability	38	l/m <sup>2</sup> /s	EN ISO 9237
Water vapour resistance	2,2	Ret (Pa.m <sup>2</sup> .W <sup>-1</sup> )	EN ISO 11902
Filtration efficiency for particle size 750 nm	99,97	%	EN 779
Resistance to water penetration	14	mm H <sub>2</sub> O	EN 811
Skin irritability	no response	-	EN ISO 10993-10
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 W Micro** 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 (m)	The length of wound up material on the tube	Weight of the wound up roll (kg)
155	100	20

### *Recommended usage:*

Material **Nanovia AntiAllergy W Micro** is suitable for manufacturing barrier covers for mattresses and bedding (pillow and blanket covers) for people with allergies.