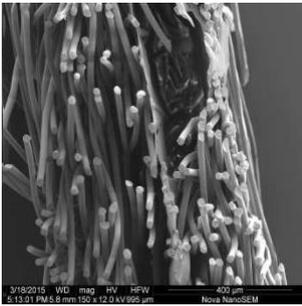


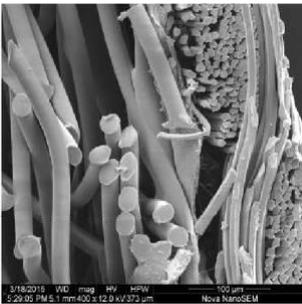


Nanovia AntiAllergy membranes allergen barrier for bedding and mattresses



Innovative textile material that prevents penetration of dust mites and their allergens through the material based on mechanical collecting principle.

The material also prevents migration of bed bugs and other parasites into the mattress and bedding.



Anti permeability of Nanovia AntiAllergy fabrics for dust mites, allergens and bed bugs is ensured by nanofibrous layer which is closed inside the textile membrane. Technically, the fabrics Nanovia AntiAllergy are three-layered sandwiches with middle layer of nanofibre structure.

Mutual cohesion of single layers is secured by lamination technology.



These materials are suitable for producing bedding, covers and mattresses for allergic people. Although the materials are due to structure impermeable to allergens and bed bugs are well breathable and steam permeable. This ensures good physiological comfort for users.

Nanovia AntiAllergy membranes are the only 100% effective barrier fabrics against penetration of allergens, bed bugs and other parasites from the bed and bedding.

Examples and concepts of the use Nanovia AntiAllergy membranes

Producers of **mattresses** could use the materials Nanovia AntiAllergy NW 40 or NW 70 as a part of the mattress cover (nonremovable or removable and washable). The material may be laminated with a conventional cover fabric (woven or jacquard fabric, knitted fabric, etc.).

Advantage of this concept: new mattress is protected against allergens and bed bugs contamination. By this way the long lasting health soundness and purity of the mattress is secured.

Producers of **pillows and blankets** from feather or synthetic fibers could use the Nanovia AntiAllergy membrane NW 40 upper fabric layer of the finished products, as an inner cover of the filling (feather, syntetic fibers). Membrane could be jointed with the upper fabric by sewing (blankets) or just loosely placed under the upper fabric and jointed only at the side seems (small pilows).



Advantage of this concept: new bedding is protected against allergens and bed bugs contamination. This way the long lasting health soundness and purity of the bedding is secured.

Nanovia AntiAllergy membranes NW 70 or W Micro or some their modification is suitable for the manufacturing of **bed covers** in which pillows, blankets and mattresses will be additionally enclosed.



Advantage of this concept: customer purchases only the functional barrier covers for new or older bedding or mattress.

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