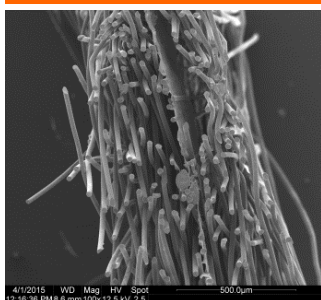


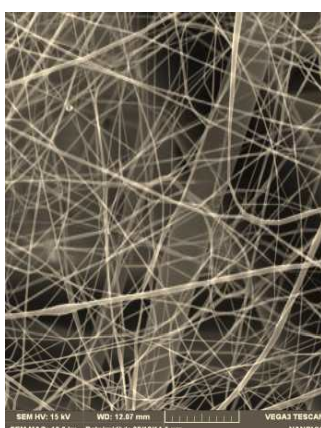
# Filter EPA E11



**The textile filter media with filtration efficiency class E11 according EN 1822.**

## Filter E11 - laminated textile filtering material

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 with lower pressure drop compared to materials in the same category of filtration efficiency. On the same principle can be prepared the filter media in the category E10 and E12 (EN 1822).



## Composition of the fabric Nanovia Filter E11

four-layered textile laminate

outer layer: PP spunbond/meltblown 37 g/m<sup>2</sup>

inner layer: nanofibers layer of polymer

outer layer: PP spunbond 20 g/m<sup>2</sup>

## Technical specifications

Nanovia Filter E11			
Physical properties	Value	Unit	Testing Method
Area weight	60	g/m <sup>2</sup>	EN 12127
Strength in longitudinal direction	85	N	EN ISO 13934-1
Filtration class	E11		EN ISO 1822
Filtration efficiency for particle size 0,4 $\mu$ m	$\geq 95,0$	%	EN ISO 1822
Air permeability	190	l/m <sup>2</sup> /s	EN ISO 9237

Material **Filter E11** is available for customers in a form metrage roll of wound up on paper tube of 76 mm diameter. Material comes in white colour

Typ	Width (cm)	The length of material on the tube	Weight of the wound up roll (kg)
Nanovia E11	96 (until the end of 2015)	300	19
Nanovia E11	155 (from 2016)	200	20

*Recommended usage:*

Material **Filter E11** is suitable for production of pleated filter class E11 according EN 1822. On the same principle can be prepared the filters in the category E10 and E12.