



**aitex**

textile  
technological  
institute

# bioactivity

**CERTIFICATE NUMBER:**

**COMPANY:**

**2017AP0056**

**EUROALLERGY S.L.U.**


**certificate**

The woven and nonwoven materials referred to as "Euroallergy Encasing", analysed by AITEX have been tested in order to check their ability to block the allergenic particles pass, keeping breathability and moisture management properties:

<b>Particle retention rate according to ISO 11155-1</b>	Tests done before and after 10 washings to 90°C under ISO 6330:2012	
<b>Particle retention rate according to ISO 11155-1</b>	<b>Inflow velocity (cm/s)</b>	<b>% Retention</b>
	5 cm/s, particle size 1 µm	≥ 70%
	5 cm/s, particle size 5 µm	≥ 90%
	50 cm/s, particle size 1 µm	≥ 70%
	50 cm/s, particle size 5 µm	≥ 90%
<b>Resistance to moisture, Ret, according to EN ISO 31092</b>	<b>4.30 m<sup>2</sup>·Pa/W &lt; 20 m<sup>2</sup>·Pa/W</b>	
<b>Air permeability of the lying surface according EN ISO 9237</b>	<b>133 l/(m<sup>2</sup> x sec) ≥ 50 l/(m<sup>2</sup> x sec)</b>	

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Alcoy, January the 8<sup>th</sup> of 2018

  
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