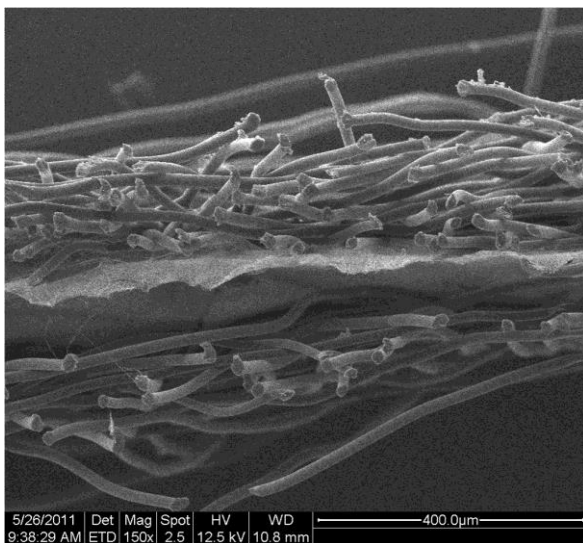
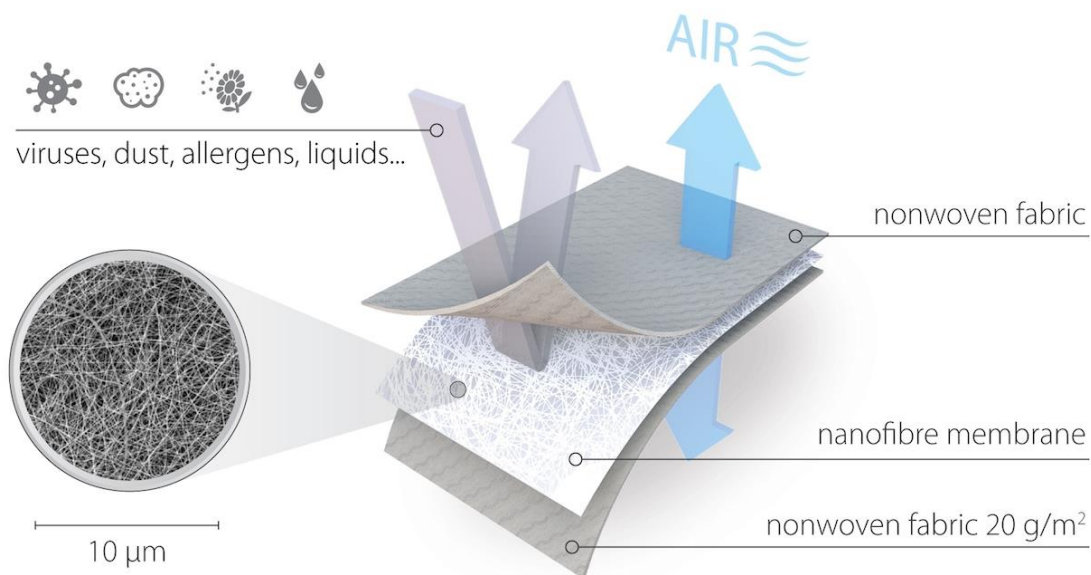


Technical Data Sheet ReSpimask®

The ReSpimask® face mask was developed as a device for protection of users from atmospheric particulate matter, bacteria, viruses, mildew spores, pollen and other allergens that can endanger human health. The functionality and mechanical filtration of dangerous particles is guaranteed by the Respilon® 57 membrane of which the face mask is made. The membrane is a three-layer laminate with an inner layer formed by high-density nanofibers. The efficiency of the filtration of microorganisms and allergens has been tested and proven by Nelson Laboratories. Despite the high density of nanofibers, Respilon® is quite air-permeable and vapor-permeable, which increases the comfort of the product and enables easy breathing of the user.

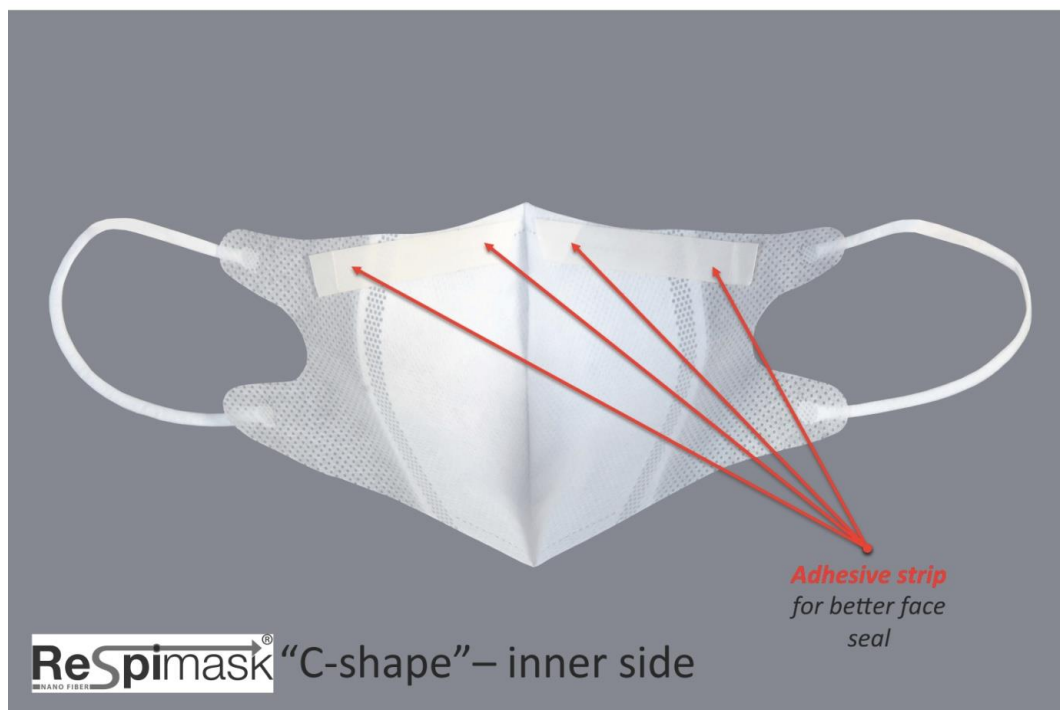


Structure of four-layered laminate RESPILON 57.

Technical data for Respilon®57.

RESPILON®57			
Technical parameter	Reading	Unit	Testing method
Area weight	60	g/m ²	
Bacterial filtration efficiency	99.9	%	ASTM F2100
Viral filtration efficiency	99.9	%	ASTM F2100 EN 14683
Breathability	44	ΔP (Pa/cm ²)	ASTM F2100 EN 14684
Skin irritability	0	-	EN ISO 10993-1

ReSpimask® is anatomically shaped and is available in different sizes to fit the shape of the user's face perfectly. In the part that touches the nose, ReSpimask® has an adhesive strip which ensures a clean seal in this critical area. Thanks to this unique combination of a protective element and shape, the dangerous particles cannot penetrate around the mask and, therefore, there is no risk of irritation or endangering of respiratory organs. The face mask is also equipped with rubber bands that are fixed behind the ears and, therefore, fix the mask to the face.



Location of the adhesive strip on ReSpimask®.

The ReSpimask® face masks serve for one-time use as a preventive device for the protection of users from airborne infections, allergens and other air pollution.

The face masks are packed individually.

Comparison Chart.

	Staphylococcus Bacteria Size 3µm	PM2.5 Particle Matter 2.5µm	Avian Flu Virus Size 0.05–0.12 µm
Cotton Masks	X	X	X
Surgical Masks	✓	X	X
PM2.5 Masks	✓	✓	X
Nanofiber Masks ReSpimask®	✓	✓	✓

ReSpimask® is available in several varieties. L, M for adults, S for children from 2,5 to 5, S+ for children from 5 to 10; ReSpimask® Pregnant adapted especially for pregnant women.



ReSpimask® varieties.

Supplier:

RESPILON Group s.r.o.
 Cejl 12, Brno, Czech Republic
 Phone: +420 530 332 163
 E-mail: info@respilon.com
www.respilon.com

Last revision: 2.1.2018