



LIFE'S WORTH IT

RESPILON helps people to live better and healthier lives since 2013.

## TECHNICAL DATA SHEET

RESPILON® RespiRaptor boasts a nanofiber filter that has several million pores on one square cm. It prevents viruses, bacteria, smog and dust from entering your mouth and nose.

RESPILON® RespiRaptor is a respirator that is capable of blocking harmful substances by using a high-efficiency nanofiber filter.

**FILTERS PM2.5  
SMOG  
PARTICLES**

**CERTIFIED  
FFP2  
RESPIRATOR**

**4,2g  
SUPER LIGHT  
RESPIRATOR**



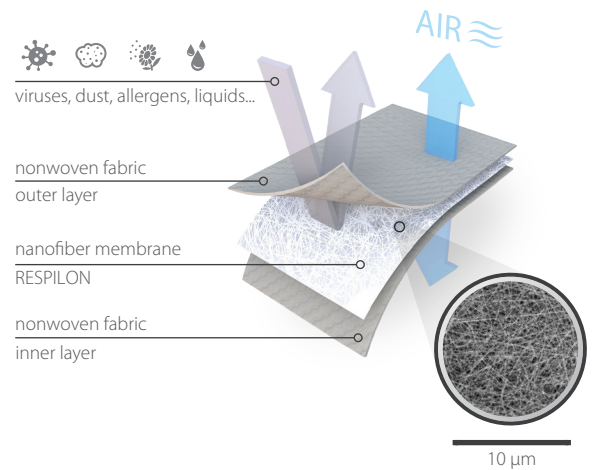
## RESPILON® RespiRaptor

**SIZE L/M** (>40kg)

**SIZE S** (>2,5 yrs, max 40kg)

### MATERIALS:

The following materials are used in the production of masks



INGREDIENTS	STRUCTURE	MATERIAL
1st Layer	Outer Layer	Polypropylene Spun bond (non-woven)
2nd Layer	Nano Fiber Laminate Layer	1. non woven 2. PAN nanofiber 3. meltblown
3rd Layer	Inner Layer	Polypropylene Spun bond (non-woven)
Other	Nose Clip	Polypropylene Coated Wire
Other	Ear Loop	Nylon(80%) + Spuntex(20%)
Other	Buckle	Polypropylene



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## TECHNICAL DATA for **RespiRaptor**

CONSTITUENTS	MATERIAL	g/m2	CONTENT
Inner Layer	Polypropylen Spunbound	17g/m2	26%
Nanofiber Filter Laminate Layer RNF	1. non woven 2. PAN nanofiber 3. meltblown	25g/m2 5g/m2 18g/m2	48g/m2 28%
Outer Layer	Polypropylen Spunbound	50g/m2	30%
Ear Loop	Nylon (80%) + Spuntex (20%)	0,3g	7%
Nose Clip	Polypropylene coated wire	0,5g	9%
Buckle	Polypropylene	0,5g	

according to Recommendation for use No. PPE-R/02.075

Breathing Exhalation Resistance	PA	160l/min	Products	Conformity (Pass)
			from 174 till 298	
Breathing Inhalation Resistance	PA	30l/min	products	Conformity (Pass)
			from 40 till 63	
		95l/min	Pre-treatment	
			from 139 till 209	
Filtration Efficiency	%	Sodium chloride 95l/min	Products	Conformity (Pass)
			from 94,32 till 97,32	
Filtration Efficiency	%	Parafin oil 95l/min	Products	Conformity (Pass)
			from 95,9 till 98,1	
CO2 Concentration	%		products	Conformity (Pass)
			from 0,24 till 0,26	



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## INSTRUCTION FOR USE :

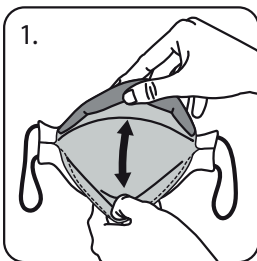
## RespiRaptor

RespiRaptor is an FFP2 certified respirator that protects the user and his surroundings from solid particles and aerosols. It prevents the spread of infectious agents to the environment.

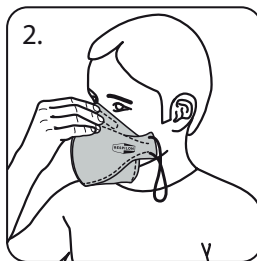
## CHECK BEFORE USE:

Before using the respirator, always check its condition, the integrity and strength of the ear loops, signs of suspicious discoloration, stains or other. In this case, do not use the respirator.

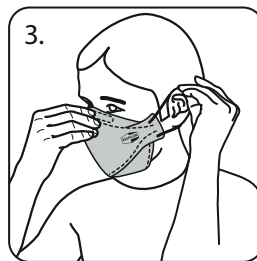
## HOW TO USE THE PRODUCT



1. Open the package, take out the respirator and unfold it.



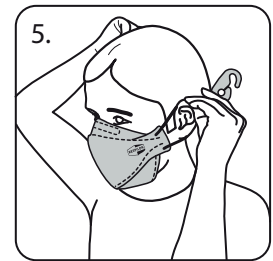
2. Place the respirator on the root of your nose and hold it with one hand.



3. Use your other hand to pull the ear loops behind your ears.



4. Press the nose clip firmly around the root of your nose.



5. Hook the plastic buckle around both ear loops and pull it over the back of your head.

## USEAGE

Do not use in an space with a lower oxygen concentration. The RespiRaptor respirator is certified as a single use FFP2 NR respirator for a single work shift. Do not use against gases, vapours, volatile substances and in explosive atmospheres.

If you protect with a respirator against viruses, always use a respirator after removing it from your face (there is a risk of contamination, if the respirator is carelessly stored outside the packaging).

In case of any health problems, stop using the respirator immediately.

Hair and/or facial hair may decrease the respirator's face fit, and thus reduce its protective properties.

If a breach of the original packaging is found, discard the respirator immediately and do not use it.

## SHELF LIFE

5 years from the date of production (when stored in undamaged packaging).

## STORAGE AND MAINTENANCE

Store in undamaged packaging in a dark and dry place.

Minimum storage temperature -10°C and maximum storage temperature +40°C. Maximum humidity 80%.

The nanofiber respirator can be sterilized by ethanol-based disinfection with concentration greater than 75%.

Do not use disinfectant with fragrant essences, that could clog the nanofiber membrane. Repeated sterilization can affect the breathability of the nanofiber membrane and its filtration efficiency. We recommend nanofiber respirators sterilize a maximum of three times.