



LIFE'S WORTH IT

RESPILON has been helping people
to live better and healthier
lives since 2013.

TECHNICAL DATA SHEET

Respilon Nanofiber AC Filter deliver the filtration performance and can be easily used on air conditioner, air purifier, HVAC system with good airflow. Respilon Nanofiber AC Filter grant additional filtration and deodorising performance with anti-microbial action. It can help capture airborne particles including dust, lint, pollen, allergens and pet dander, removes Formaldehyde, Ammonia, Hydrogen sulfide, Methyl mercaptan and reduces bacteria Staphylococcus, Pneumococcus, E. Coli and Salmonella.

Non woven fabric suitable for filter media, PET, PP, PVDF, Zeolite; non toxic material (IEC 62321 test method)

**FILTERS
FINE DUST
AND POLLEN**

**UNIVERSAL
FOR ALL
AC**

**WEIGHT
22gsm**

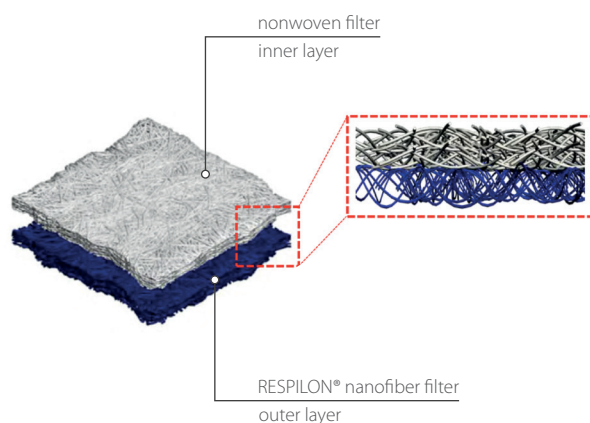
RESPILON® AC Filter

SIZE L (550mm x 550mm)

SIZE M (800mm x 1100mm)

MATERIALS:

The following materials are used in the production



	STRUCTURE	MATERIAL
1st Layer	Outer Layer	RESPILON® nanofiber filter
2nd Layer	Inner Layer	Non- Woven filter



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TECHNICAL DATA for **AC Filter**

FILTRATION EFFICIENCY	(ASHRAE Standard 52.1)
Dust	83,2%
ANTI – MICROBIAL FILTRATION	(KS K 0693 test method)
Staphylococcus aureus	99,9%
Pneumococcus	99,9%
DEODORIZATION FILTRATION	
Ammonia	99,8%
Trimethylamine	99,6%
Hydrogen sulfide	59,2%
Methyl mercaptan	18,4%
Formaldehyde	85,0%