



LIFE'S WORTH IT

RESPILON has been helping people from all over the world to live better and healthier lives since 2013

TECHNICAL DATA SHEET

Respilon Nanofiber AC Filter deliver the filtration performance and can be easy 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 bacterias Staphylococcus, Pneumococcus.

Non woven fabric suitable for filter media, PET, PP, PVDF, Zeolite; non toxic material.

**FILTERS
FINE DUST
AND POLLEN**

ANTIMICROBIAL

**WEIGHT
22gsm**

**UNIVERSAL
FOR ALL
AC**

DEODORISATION



Size M in the image

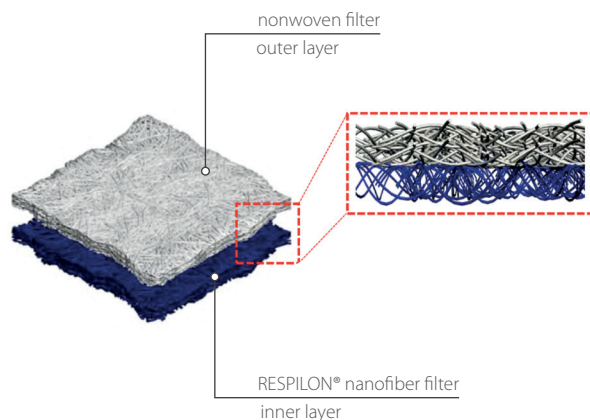
RESPILON® NANO AC Filter

SIZE M (550mm x 550mm)

SIZE L (800mm x 1100mm)

MATERIALS:

The following materials are used in the production



STRUCTURE	INGREDIENTS	MATERIAL
Outer Layer	PET 50% PP 48,5%	Non- Woven filter PP, PET
Inner Layer	PVDF 1,5%	RESPILON® nanofiber filter PVDF



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TECHNICAL DATA for AC Filter

FILTRATION EFFICIENCY	(ASHRAE Standard 52.1)
Dust	83,2%
ANTI – MICROBIAL REDUCTION	(AATCC TM100: 2019)
Staphylococcus aureus	99,9%
Pneumococcus	99,9%
DEODORIZATION EFFICIENCY	
Ammonia	99,8%
Trimethylamine	99,6%
Hydrogen sulfide	59,2%
Methyl mercaptan	18,4%
Formaldehyde	85,0%