

TECHNICAL DATA SHEET

RESPILON® RESPIRATORY SHIELD

RESPILON® RESPIRATORY SHIELD

ONE SIZE FITS ALL



Nose clip

to make sure
the scarf fits every
face perfectly

RESPILON® nanofiber filtering membrane

filters diesel fumes

PRODUCT NAME:

**RESPILON®
RESPIRATORY SHIELD**

COMPOSITION AND STRUCTURE:

LYCRA 175 g/M²
(90% POLYESTER, 10% ELASTANE)

RESPILON® 57 MEMBRANE

**PRINTING COLOURS ARE IN
COMPLIANCE WITH OEKO-
TEX STANDARD 100**

**NOT APPLICABLE TO
CHILDREN UNDER 2,5 AGE**

RESPILON® ANTISMOG SCARF WAS DEVELOPED AS A HEADWEAR FOR PROTECTION OF USERS FROM ATMOSPHERIC PARTICULATE MATTER, DIESEL FUMES, DUST, SMOG, 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 WHICH IS INCORPORATED INTO THE SCARF MADE FROM HIGH QUALITY COTTON.

FACE FIT

TO ACHIEVE THE BEST POSSIBLE PROTECTION, THE SCARF NEEDS TO FIT PERFECTLY OVER NOSE AND FACE. THIS IS ENSURED BY THE ADJUSTABLE NOSE CLIP WHICH MAKES SURE THAT ALL THE INHALED AIR GOES THROUGH THE NANOFIBER MEMBRANE. SCARF IS ALSO MADE AS ONESIZE FOR ADULTS AND CHILDREN AND THIS IS BECAUSE OF ELASTIC BAND AND PLASTIC SPRING CORD LOCK.

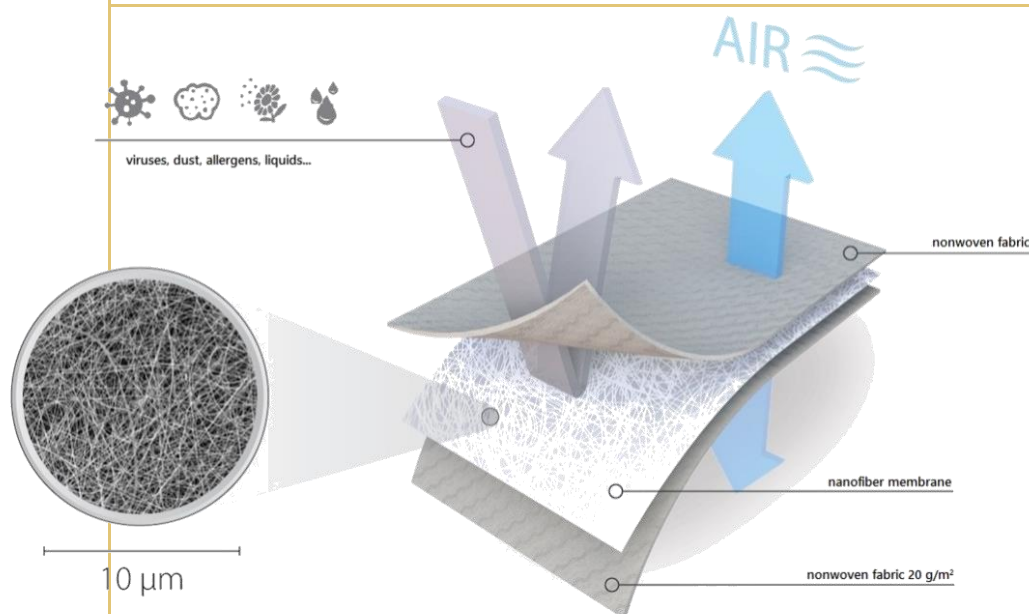
Billing address:
RESPILON Production s.r.o.
Příkop 843/4, 602 00 Brno
Czech Republic

Corporate office:
RESPILON Headquarters
Jaselská 14, 602 00 Brno
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Contact:
+420 530 332 163
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RESPILON® 57 MEMBRANE - BARRIER ACCORDING MICROORGANISM PENETRATION



PRODUCT NAME:

RESPILON® 57

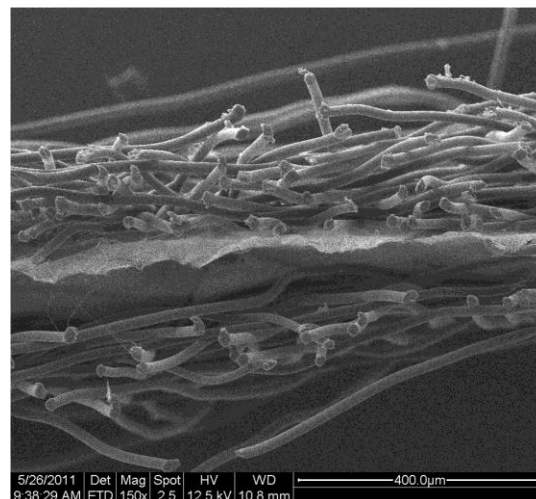
COMPOSITION AND STRUCTURE:

FOUR-LAYERED TEXTILE LAMINATE

POLYPROPYLENE SPUNBOND
POLYPROPYLENE MELTBLOWN
NANOFIBERS LAYER
POLYPROPYLENE SPUNBOND

LAYERS COMPOSITION DESCRIPTION:

OUTER LAYER	PP SPUNBOND / MELTBLOWN 37 g/m² (SB/MB)
INNER LAYER	NANOFIBERS LAYER OF POLYMER PVDF /* (NV)
OUTER LAYER	PP SPUNBOND 20 g/m² (SB)



/* PVDF = Polyvinyliden Fluorid

THE MEMBRANE IS A FOUR-LAYER LAMINATE WITH AN INNER LAYER FORMED BY HIGH-DENSITY NANOFIBERS. THE RESPILON® 57 EFFICIENCY OF THE FILTRATION OF MICROORGANISMS AND PARTICLES HAS BEEN TESTED AND PROVEN BY NELSON LABORATORIES (USA). FILTRATION EFFICIENCY OF THE WHOLE ANTISMOG SCARF HAS BEEN TESTED AND PROVEN BY ENGINEERING TEST INSTITUTE (CZECH REPUBLIC). DESPITE THE HIGH DENSITY OF NANOFIBERS, RESPILON® 57 IS QUITE AIR-PERMEABLE AND VAPOR-PERMEABLE, WHICH INCREASES THE COMFORT OF THE PRODUCT AND ENABLES EASY BREATHING OF THE USER ALSO WHILE RUNNING, BIKING ETC.

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TECHNICAL DATA FOR 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

MATERIAL **RESPILON® 57** WAS TESTED WITH ABOVE STATED RESULTS IN NELSON LABORATORIES.

RECOMMENDED MAINTENANCE



HAND WASH,
WATER TEMPERATURE NOT ABOVE
30 °C



DO NOT IRON



DO NOT BLEACH

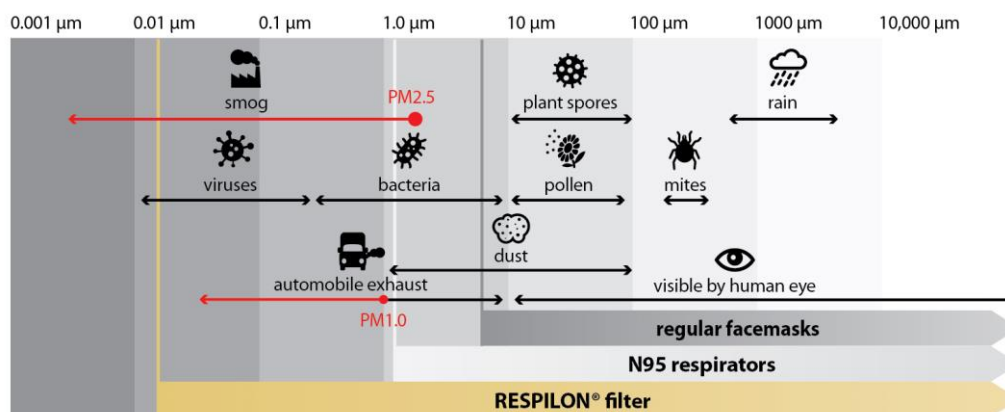


DO NOT DRY-CLEAN



DO NOT DRY IN ANY DEVICE

RESPILON® Respiratory Shield was engineered for 50 washing cycles, when treated properly according to recommendation above.





LIFE'S WORTH IT

RESPILON® Respiratory Shield are available in these patterns:



SUPPLIER:	
COMPANY NAME	RESPILON PRODUCTION S.R.O.
CONTACT ADDRESS	PŘÍKOP 843/4, 602 00, BRNO, CZECH REPUBLIC
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LAST REVISION	jUNE 17, 2022

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