

TECHNICAL DATA SHEET

RESPILON® SHOE MEMBRANE

THE RESPILON® SHOE MEMBRANE WAS DEVELOPED AS A **BREATHEABLE** MATERIAL FOR OUTDOOR SHOES USABLE IN ALL KIND OF ACTIVITIES. PEOPLE CAN COMFORTLY SPORT, WORK WHILE ENJOYING ADVANTAGE OF HIGH VAPOR PERMEABILITY, NO SWEATING EVEN WHILE EXTREME HIKING.

RESPILON® SHOE MEMBRANE'S BENEFITS:

- ✓ TOP LEVEL OF VAPOUR PERMEABILITY
- ✓ EXTREME HYDROSTATICS RESISTANT
- ✓ 100% WIND RESISTANT
- ✓ STRETCHABLE
- ✓ EXCELLENT DURABILITY
- ✓ NO PERFLUOROCARBONS USED IN PRODUCTION
- ✓ NEW LEVEL OF COMFORT

RESPILON® Shoe Membranes






LIFE'S WORTH IT...

THREE-LAYER RESPILON® LAMINATES WITH NANOFIBER MEMBRANE OFFER EXTREME VAPOUR RESISTANCE WHILE RETAINING 100% WIND RESISTANCE AND HIGH HYDROSTATIC RESISTANCE. THIS TYPE OF LAMINATE IS INTENDED PRIMARILY FOR SPORTS AND OUTDOOR SHOES, BUT ALSO FOR FASHION SHOES THAT REQUIRE HIGH MOISTURE REMOVAL ESPECIALLY IN SUMMER MONTHS.

THANKS TO A NANOFIBER STRUCTURE WITH THE FIBER DIAMETER OF LESS THAN 150 NM, RESPILON® MEMBRANE HAS 25% MORE PORES ON 1 CM² THAN MICROPOROUS MEMBRANES. THIS HELPS RESPILON® MATERIAL ACHIEVE UNIQUE ATTRIBUTES SIMILAR TO HUMAN SKIN. THANKS TO IT, NANOFIBER MEMBRANE CAN BOAST EXTREMELY HIGH VAPOUR PERMEABILITY, I.E. THE ABILITY TO REMOVE BODILY MOISTURE FROM HUMAN SKIN TO THE EXTERNAL ENVIRONMENT.

<div>RESPILON® SHOE MEMBRANE SUMMER</div>				
MATERIAL	FACE FABRIC	80%PL+20%PA	WATER COLUMN	21,000 MM
	MEMBRANE	PU NANOFIBER	LAMINATE TYPE	3L
	LINING	100% PL	INSULATION	-
PLANAR WEIGHT		185 G/M²	SPRAY TEST	-
VAPOR PERMEABILITY RET		4.4 PA.M².W-1	WINDPROOF	100%
VAPOR PERMEABILITY MVTR		27,000 G/M²/24H	PRODUCT LINE	SHOES



SUPPLIER:	
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