



# SYMPATEX MEMBRANE COMPETITIVE EDGE

THE SYMPATEX MEMBRANE BUILT INTO OUR GTX AND KAVALIER SERIES AS WELL AS OUR SYMPATEX GLOVES IS YOUR SEAL OF UNPARALLELED PERFORMANCE. VIEW THE COMPARATIVE CHART TO SEE WHY THERE'S NOTHING BETTER ON THE MARKET.



	NON POROUS SYMPATEX MEMBRANE 	MICRO POROUS PTFE MEMBRANE	
Performance meter	★★★★★	★★★★☆☆	
Defense against laundering and/or chemicals	Very resistant to almost everything	Won't resist everything; pores will clog and diminish the membrane's effect, especially breathability	<b>100% WATERPROOF</b>
Stretchability 	To 300% of its size	To 100% of its size	
Breathability 	With increased heat and humidity, breathability will increase	Limited to a level in time, then sweat builds up inside	<b>100% BREATHABILITY</b>
Waterproofness 	100% waterproof – non porous membrane will never quit	Yes, but micro pores can become weak due to the pressure of water on fabric and will eventually stretch	
Windproofness 	100% windproof – non porous, meaning that wind has no way of entering	Yes, but micro pores can eventually stretch with age and will no longer be efficient	<b>100% WINDPROOF</b>
Durability / Life cycle of garment 	Extremely durable and tough	Relatively durable - will eventually break at flex points and pores will become blocked	
Environment friendly	PTFE free Environment friendly in production 100% recyclable	Not environment friendly	
Membrane components	Carbon, hydrogen, oxygen	Carbon, fluorine	<b>ALL SEAMS AND LOGOS SEALED</b>
Biodegradable	Yes	No	<b>GUARANTEED FUNCTIONALITY</b> Long-lasting functionality is guaranteed; the membrane retains its functionality throughout the life of the clothing.
Recycling	Not a problem, as recycling techniques exist	Very expensive and energy-intensive	
Combustion residue	Completely harmless	Toxic	<b>ROBUST MEMBRANE</b> Completely non-porous, so the membrane cannot be clogged by dirt, detergent residues or salt crystals.
			
			<b>300% STRETCH</b> Thanks to its non-porous structure, the membrane is extremely elastic, very thin and extremely light.