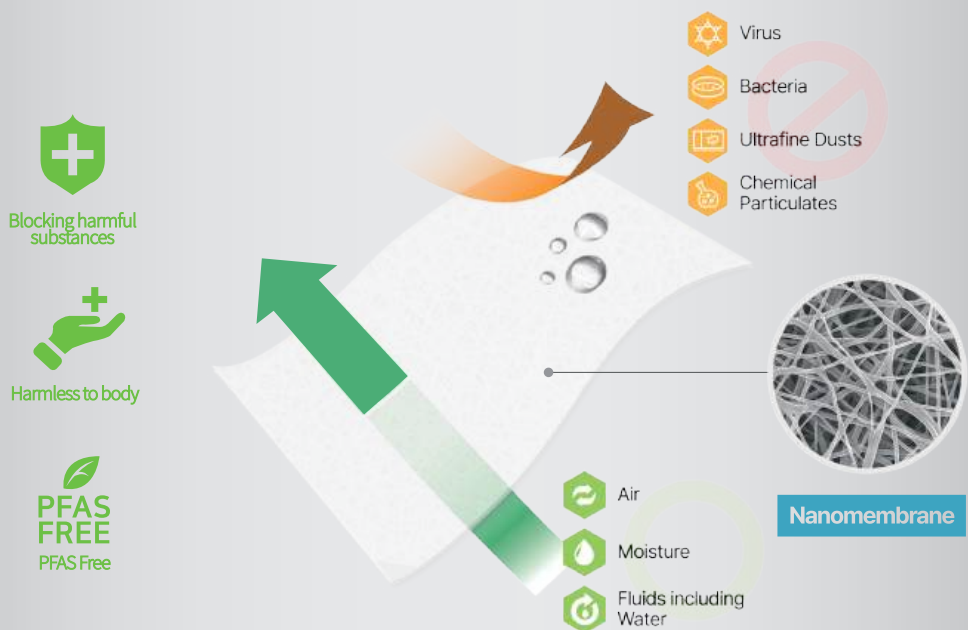


- ✓ Material selection of fabric layer for specific application
- ✓ Adjustment of nanomembrane pore size
- ✓ Better breathability and water permeability than competitors' functional materials
- ✓ Customized optional multi-layer structure (2-layer, 3-layer)
- ✓ Hydrophilic membranes via patented technology
- ✓ Stable by applying materials that are harmless to the human body and environment
- ✓ Eco-friendly adhesive methods

**The strengths of VIBLOTEC**



**Applications**

We can manufacture products by combining TPU and PVDF nanomembranes with fiber structures (woven and non-woven) according to meet customer needs.



**Service Flow**



**Product specifications**

LAYER	Characteristics	Weight	Thickness	Width	Pore size	AP(125Pa)
		gsm	μm	mm	μm	cfm
2-LAYER	Hydrophilic	50	200	30~1550	0.80-0.85	1.5-1.7
	Hydrophobic	30-40	105-170		0.7-1.2	1.0-3.6
	Highly air permeable	30	105-130		-	30.0-40.0
3-LAYER	Artificial blood/ Bacteriophage penetration resistant	60-95	285-345	-	-	2.5-5.0
	Bacterial / Virus filtration efficiency 99.9%	75-80	280	1.2-1.5	3.5-3.8	
	Highly air permeable	63-69	275-380	1.5-1.8	10.5-24.0	

VIBLOTEC offers customized development, taking into account various functional properties such as breathability, water permeability, blood penetration resistance, and the ability to block bacteria and viruses.