

SOFNT Medical Membrane



PFAS FREE
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+
Blocking harmful substances

+
Harmless to body

Applications

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



Syringe filter



Respiratory Filter



Blood plasma Filter



Artificial blood Vessel



IV filter



Disinfection protective suit



Surgical gown



Wound dressing

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

Service Flow

