PTFE Filtration Membrane (Lamination) Style No:TEFM

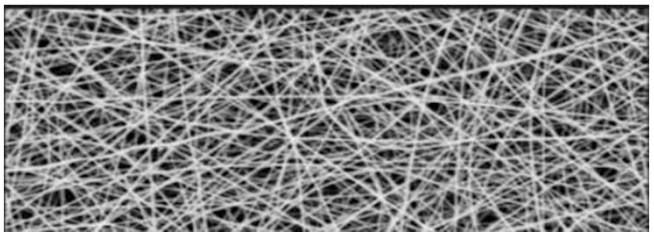
TEFM is made of ePTFE microporous material by unique nano-technology. The PTFE membrane has a micropore structure with small pore size, high porosity and irregular permutation. The effeciency for diameter 0.3um particulate can above 95%.It has excellent performance to block PM2.5 particulate, dust mite, virus & bacteria. The PTFE filtration membrane with a wide application, such as N99, N95, KF94, FFP3 mask, medical masks, medical cloth, outdoor gloves, sleeping bag etc.

TEFM has a 100% fluoropolymer coating that's chemical and fire-resistant as well as water and UV-resistant. After laminatied with non-wovan fabric(PET/PE/PP), it is also extremely flexible and high strength without worrying about cracking.

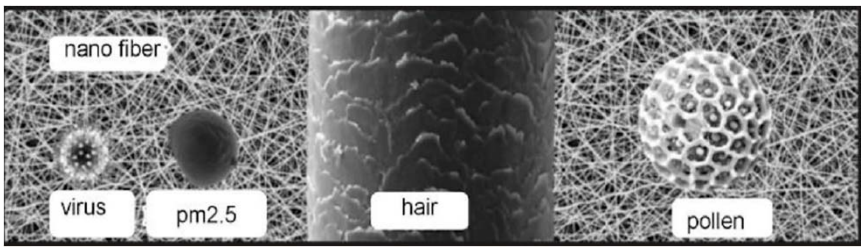
Application:

Pharmaceutical
Biochemical
Microelectronics
Laboratory & Hospital
Chemical & Semiconductor

Structure of Membrane:



TEFM At 5000 Times By Electron Microscope



Comparison Of TEFM With The Virus, PM2.5, Pollen And Hair

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Data Sheet of Filtration Fabric:

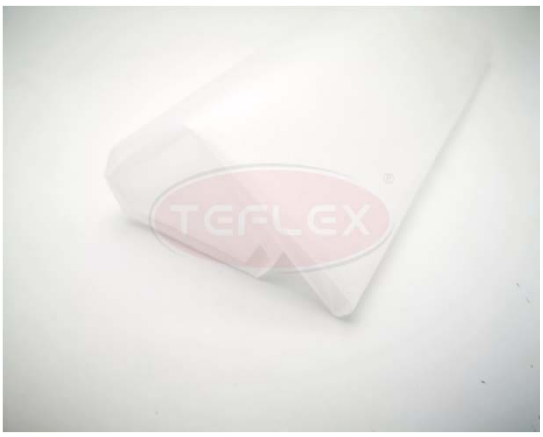
Item	Unit	Data
Width	mm	100-2000
*GW	g/m²	20/30
*Pressure Drop	Pa	⩽100
*Filter Efficiency	%	⩾99.5
DOP	μm	0.3
Artificial Blood Resistent	2ml 10.7Kpa	No Permeation

*Can be custom-made

Structure of Filtration Fabric:

—— PTFE

—— PET/PE/PP Non-woven Fabric



Advantages:

Excellent Breathability

TEFM allow better airflow while maintaining the level of filtration you rely on.

High Efficiency

TEFM provide effective, reliable protection against viruses, bacteria, molds and fine particles without electrostatics discharge problem.

Durable

The facemask made by TEFM can be reuse after proper sterilizing by using this nano-tech membrane.

Inquiry / Order example

Weight	Width	Efficiency	Pressure Drop	Qty
25g	260mm	⩾99.5%	⩽100Pa	50000m²

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