

Filtration Membrane



PM 2.5 PTFE Membrane

GVS Life Sciences PM 2.5 PTFE Membrane is a high-purity, thin membrane for PM 2.5 ambient air monitoring. Each membrane is sequentially numbered with a chemically resistant polypropylene support ring. The low tare mass allows for accurate gravimetric determinations. No glues or adhesives are used in making the membranes and its stable design eliminates curling, keeping the membrane flat allowing for robot use.



Specifications

Filter thickness	30-50 μ m
Filter diameter	46.2mm
Filter pore size	2.0 μ m
Support ring media	Polypropylene
Total support ring thickness	0.38mm
Support ring width	3.68mm
Particle retention (0.3 μ m)	99.7%
Pressure drop (0.3 μ m) @16.67 l/min clean air	30cm water
Alkalinity	< 25 μ eq/g of filter
Temperature weight loss stability	< 20 μ g
Drop test weight loss stability	< 20 μ g
Moisture weight gain stability	< 10 μ g

Ordering Information

759310 PM 2.5 PTFE Membrane Disk, EPA Conforming, Box of 50