

PM2.5 PTFE Air Monitoring Filter

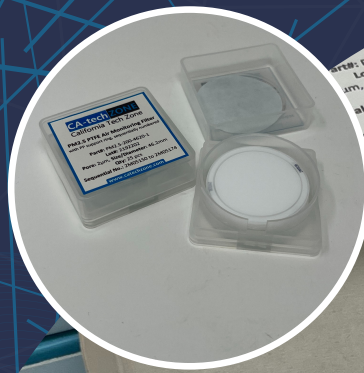
Specification

Filter Material	: Hydrophobic Polytetrafluoroethylene(PTFE)
Support Ring Material	: Polypropylene PP
Diameter	: $46.2 \pm 0.25\text{mm}$
Membrane Thickness	: $50 \pm 10\mu\text{m}$
Support Ring Thickness	: $0.38 \pm 0.04\text{mm}$
Width of Support Ring	: $3.68 \pm 0.51\text{mm}$
Pore	: $2 \mu\text{m}$
Aerosol Retention (0.3 μm)	: >99.7%
Flow Rate&Pressure Drop	: <30cm H ₂ O column @ 16.67L/min clean
Drop Test Wt. Stability	: <20 μg
Temp. Wt. Loss Stability	: <20 μg
Moisture Wt. Gain Stability	: <10 μg
Alkalinity	: <25 $\mu\text{eq/g}$

Order Information

Part Number#
PM2.5-200-4620

Description
: PM2.5 PTFE Filter
2 μm , 46.2mm with support ring,
sequentially numbered (50 pcs)



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PVC Air Monitoring Filter

Specification

Filter Material	: Poly Vinyl Chloride (PVC)
Filter Color	: White
Filter Surface Type	: Plain
Method	: ASTM, NIOSH, and OSHA
Pore Size	: 5 μ m
Thickness	: 170-230 μ m
Porosity	: 80%
Ash Content	: <1%
Aerosol Retention	: 99.94%
Air Flow Rate	: 2.7 (L/min/cm ²)
Provided Diameters*	: 25mm; 37mm; 47mm
Diameters Accuracy	: \pm 0.1mm

Order Information

Part Number#	Description
PVC-500-3700-P	: PVC Air Monitoring Filter 5 μ m 37 mm (with supporting pad) (100/pk)



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