

## PTFE Coated Glass Fiber Filters

PG-45 • PG-60

Composite Filters (PTFE Coated)



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### Composite Filters(PTFE Coated)

Specially developed for the measurement of dust concentration in the air.

#### Features

- PTFE coated glass fiber composition creates a hydrophobic media with a very low moisture absorption capacity. It is virtually unaffected by humidity.
- Excellent heat resistance, stable up to 260°C.
- High degree of stability. The PTFE binder prevents absorption of acid gases such as SOx, NOx, etc.

#### Applications

- Measurement and analysis of suspended particulate matter in air using high volume/low volume air sampler.
- Air dust analysis.

#### Note

- Developed specifically for use as air sampler filter media. Not intended to be used for the filtration of liquids.

#### Specifications

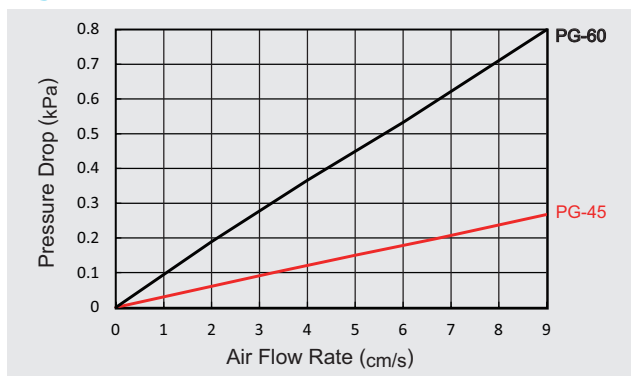
	PG-45	PG-60
Weight	44 g/m <sup>2</sup>	60 g/m <sup>2</sup>
Thickness	0.12mm (4.7mil)	0.15mm (5.9mil)
Pressure Drop (at 5cm/sec)	0.15kPa (0.02psi)	0.44kPa (0.06psi)
Retention Efficiency(0.3 μmDOP)	97.5%	99.95%
Water Break Through	≥ 2.5 kPa (0.36 psi)	≥ 7.8 kPa (1.13 psi)
Moisture Content*	≤ 0.17mg	0.11mg
Binder	Fluorine Resin	
Maximum Operating Temperature	260°C	

\* Measurement of 47mm in 90% humidity for 24hr.

#### PG-45 Filter

Diameter	Catalog No.	Packaging
10 mm	36651010	100
20 mm	36651020	100
25 mm	36651025	100
35 mm	36651035	100
47 mm	36651047	100
55 mm	36651055	100
80 mm	36651080	100
110 mm	36651110	50

#### Typical Air Flow Rate



#### PG-60 Filter

Diameter	Catalog No.	Packaging
21 mm	36661021	100
24 mm	36661024	100
25 mm	36661025	100
26 mm	36661026	100
37 mm	36661037	100
45 mm	36661045	100
47 mm	36661047	100
55 mm	36661055	100
70 mm	36661070	100
90 mm	36661090	50
110 mm	36661110	50
125 mm	36661125	50
150 mm	36661150	50
300 × 300mm	36663300	10

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