



Applications

- PTFE Coated Composite Filters have been developed for the measurement and analysis of floating particulate matter in air using high volume/low volume air sampler
- PG-60 Filters are high purity and non-absorptive for critical sampling in emissions control stack sampling, diesel exhaust and ambient air monitoring.
- PG-45 Filters for use in air monitoring applications testing of hot gases in high temperatures

Characteristics

- 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 SO_x, NO_x, etc.

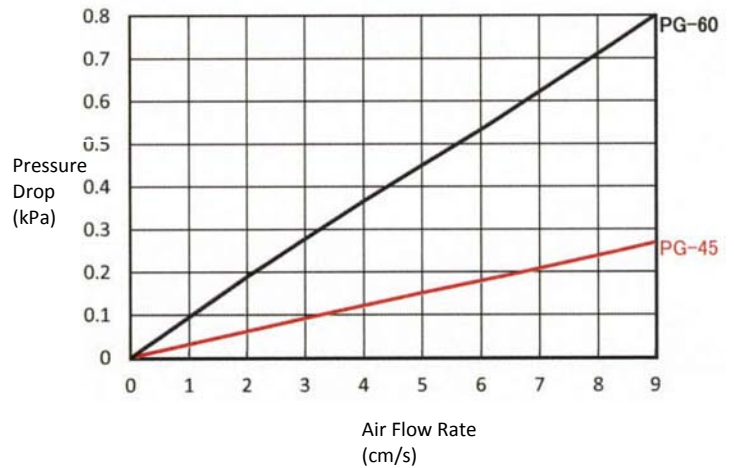
Note: Developed specifically for use as air sampler filter media. Not intended to be used for the filtration of liquids.

Specifications

	PG-45	PG-60
Weight	44 g/m ²	60 g/m ²
Thickness	0.12 mm (4.7 mil)	0.15 mm (5.9 mil)
Pressure Drop	0.15 kPa (0.02 psi)	0.30 kPa (0.04 psi)
Retention Efficiency (0.3µm DOP)	97.5 %	99.95 %
Water Break Through	≥2.5 kPa (0.36 psi)	≥7.8 kPa (1.13 psi)
Moisture Content*	≤0.17 mg	0.11 mg
Binder	Fluorine Resin	Fluorine Resin
Pall Cross	Fiberfilm	Emfab

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

Typical Air Flow Rate



Ordering Information

PG-45 Filter

Diameter	Catalog No.	Packaging
10 mm	PG4510MM	100
20 mm	PG4520MM	100
25 mm	PG4525MM	100
35 mm	PG4535MM	100
47 mm	PG4547MM	100
55 mm	PG4555MM	100
80 mm	PG4580MM	100
110 mm	PG45110MM	50

PG-60 Filter

Diameter	Catalog No.	Packaging
21 mm	PG6021MM	100
24 mm	PG6024MM	100
25 mm	PG6025MM	100
26 mm	PG6026MM	100
37 mm	PG6037MM	100
45 mm	PG6045MM	100
47 mm	PG6047MM	100
55 mm	PG6055MM	100
70 mm	PG6070MM	100
90 mm	PG6090MM	50
110 mm	PG60110MM	50
125 mm	PG60125MM	50
150 mm	PG60150MM	50
300x300 mm	PG60300x300MM	10
8x10 in	PG608x10IN	50



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