

# Composite Filters

## PG-60

- **Glass Fibers** covered with polytetrafluoroethylene (PTFE)
- **Hydrophobic**
- **Low absorption:** The moisture absorption is very low as the surface is coated with PTFE. Therefore the measurement of dust concentration is not affected by humidity of the air
- **The absorption of acid gases** such as SO<sub>x</sub> or NO<sub>x</sub> is very low since Fluoropolymer is used as binder

## Applications

- Measurement of dust concentration in air and exhaust gas



### Usage note

PG-60 is designed for air/gas filtration only, and any liquid should not be filtrated.

### Specifications

Grade	Weight [g/m <sup>2</sup> ]	Thickness [mm]	Pressure Drop [kPa] <sup>1</sup>	DOP retention [%; 0.3 μm] <sup>2</sup>	Water Break Through [kPa] <sup>3</sup>	Binder	Max. Operating Temp. [°C]
PG-60	60	0.15	0.30	99.9	>7.8	Fluoropolymer	260

1) Air velocity: 5 cm/sec.

2) Test conditions are subject to JIS Z 8901 (Air velocity: 5 cm/sec.)

3) Pressure of the water passing through the filter.

### Metal Content (μg/g)

Pb	Cd	Mn	Zn	Cu	Ni	Cr	Fe
<1.0	<0.1	<0.5	6.3	2.6	<0.5	<0.1	31

## Ordering Information

Diameter [mm]	Packing	Cat. No.
25	100	PG60.025
26	100	PG60.026
37	100	PG60.037
45	100	PG60.045
47	100	PG60.047
55	100	PG60.055
70	100	PG60.070
90	50	PG60.090
110	50	PG60.110
125	50	PG60.125
150	50	PG60.150
Sheets, size		
203 x 254	50	PG60.810