

PTFE Depth Filters

▶ Polyflon – PTFE Fiber Filters

- **Pure PTFE fibers are sintered** to improve handling characteristics and to minimize fiber slough-off for minimal downstream contamination
- **Hydrophobic**
- **Porosity:** High air permeability with minimal pressure drop
- **Thermostable:** Maximum operating temperature 260°C

▶ Applications

- Separation of aqueous and non-aqueous phases
- Filtration of hot acids and strong solvents
- Venting air and gases



Specifications

Grade	Weight [g/m ²]	Thickness [mm]	Porosity [%]	Pressure drop at 5 cm/sec. [kPa]	Pressure drop [psi]	DOP retention [%, 0.3 μm]	Particle retention [μm]
PF100	500	1.00	77	0.059	0.00856	70	10
PF060	240	0.50	75	0.069	0.01001	75	6
PF050	210	0.36	73	0.26	0.0377	85	5
PF040	500	0.95	75	0.21	0.03045	95	4
PF020	500	0.54	54	1.6	0.232	99.9	2

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Ordering Information

Grade PF100

Diameter [mm]	Packing	Cat. No.
47	20	PF100.047
55	20	PF100.055
70	20	PF100.070
90	20	PF100.090
110	10	PF100.110
125	10	PF100.125
150	10	PF100.150
Sheets, size		
300 x 300	5	PF100.300300

Grade PF040

Diameter [mm]	Packing	Cat. No.
47	10	PF040.047
50	10	PF040.050
55	10	PF040.055
70	10	PF040.070
90	10	PF040.090
110	5	PF040.110
125	5	PF040.125
150	5	PF040.150
Sheets, size		
300 x 300	5	PF040.300300

Grade PF060

Diameter [mm]	Packing	Cat. No.
47	20	PF060.047
55	20	PF060.055
70	20	PF060.070
90	20	PF060.090
110	10	PF060.110
125	10	PF060.125
150	10	PF060.150
Sheets, size		
300 x 300	5	PF060.300300

Grade PF020

Diameter [mm]	Packing	Cat. No.
47	10	PF020.047
50	10	PF020.050
55	10	PF020.055
70	10	PF020.070
90	10	PF020.090
110	5	PF020.110
125	5	PF020.125
150	5	PF020.150
Sheets, size		
300 x 300	5	PF020.300300

Grade PF050

Diameter [mm]	Packing	Cat. No.
47	20	PF050.047
55	20	PF050.055
70	20	PF050.070
90	20	PF050.090
110	10	PF050.110
125	10	PF050.125
150	10	PF050.150
Sheets, size		
300 x 300	5	PF050.300300