



Profile[®] II Filter Elements

prelude.

DESCRIPTION

Profile[®] II filters are all polypropylene. The elements have an absolute-rated downstream section, and a continuously graded pore size upstream section, which increases service life.

The fibers in Profile II filter elements may be considered continuous. No binder resin is used and fibers are “bonded” by intertwining during the manufacturing process. As a result, the Profile II filter elements show no media migration. They can be used as both prefilters and as final filters.

OPERATING CHARACTERISTICS

Recommended maximum pressure differential is 60 psi up to 30°C (86°F) and 50 psi up to 50°C (122°F).



ADDITIONAL INFORMATION

HOUSINGS

To order Housings for Profile II Filter Elements, please [contact](#) Pall Water for more details.

ORDERING INFORMATION

To order Profile II Filter Elements, please [contact](#) a Pall Water Representative or [visit our online store](#) today.

PROFILE II FILTER ELEMENT GRADES & CHARACTERISTICS

CARTRIDGE GRADE	TYPICAL CLEAN PRESSURE DROP — LIQUID SERVICE (AQUEOUS PRESSURE DROP ¹)	TYPICAL AQUEOUS FLOW (GPM / 10" CARTRIDGE)
003	3.5	1 — 2.5
005	2.8	1 — 2.5
010	2.6	1 — 3
030	1.5	2 — 5
050	0.8	3 — 8
070	0.5	5 — 12
100	0.3	6 — 15
120	0.2	6 — 15
150	0.15	8 — 15
200	0.10	10 — 15
300	0.08	10 — 15
400	0.05	10 — 15
700	<0.05	10 — 15
900	<0.05	10 — 15
1200	<0.05	10 — 15

¹ Pressure drop is PSI per GPM for a single 10² module. For multiple elements, divide by number of modules. For fluids other than water, multiply by viscosity in centipoise.

PROFILE II FILTER ELEMENT GRADES & CHARACTERISTICS

CARTRIDGE GRADE	REMOVAL RATINGS — LIQUID SERVICE (RATING IN AT % EFFICIENCY)	
	99.9%	100%
003	<0.5 ⁽²⁾	<0.5 ⁽²⁾
005	<0.5 ⁽²⁾	<0.5 ⁽²⁾
010	<0.5 ⁽²⁾	1
030	2.5	3
050	4	5
070	6	7
100	9	10
120	11	12
150	13	15
200	18	20
300	26	30
400	35	40
700	70	— ⁽³⁾
900	90 ⁽²⁾	— ⁽³⁾
1200	120 ⁽²⁾	— ⁽³⁾

² Extrapolated values.

³ Precise evaluation of the 100% removal efficiency for these coarse grades is not possible with test procedure utilized.



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