



Water-Fine Series Filter Cartridges

DI and High Purity Water Filter

- Proprietary highly asymmetric polysulfone membrane media
- High purity polypropylene hardware
- Superior flow rates
- Long service life
- End configurations to fit most housings

Performance Specifications

Filter grades

0.05, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2 μm

Maximum differential pressure

5.5 bard (80 psid) @ 20°C (68°F)

1.4 bard (20 psid) @ 95°C (203°F)

Recommended change-out differential pressure¹

35 psid (2.4 bard)

Food and water contact use

Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

Sanitizing agents

Cartridge may be sanitized in place with common oxidizing agents. Consult Pall for compatibility information.

Rinse-up

Cartridges will rinse-up to 18 Megohm-cm with a minimum of throughput.

Pre-rinsing

A pre-rinse is available upon request. Specify code 314 at the end of part number. See page 2.

Product Specifications

Materials of construction

Filter media:	Highly asymmetric polysulfone membrane
Support material:	Polypropylene
Hardware:	Polypropylene
Surface treatment:	Hydroxypropylcellulose
Sealing:	Thermal bond
Gaskets/O-rings:	Silicone elastomer, EPDM, nitrile, fluorocarbon elastomer, FEP encapsulated silicone



Dimensions (nominal)

Outside diameter: 6.6 cm (2.6 in)

Lengths: 10.2 cm (4 in), 24.8 cm (9.75 in),
25.4 cm (10 in), 49.5 cm (19.5 in),
50.8 cm (20 in), 74.3 cm (29.25 in),
76.2 cm (30 in), 99.1 cm (39 in),
102 cm (40 in)

Product Applications

- Pre and post filter for DI water
- Point-of-use filter for DI water
- Filtration of aqueous chemical solutions

¹ Provided that the maximum differential pressure is not exceeded based on the temperature limits defined above.

Liquid Flow Specifications

Filter grade (µm)	DI water flow (25.4 cm/10 in equivalent)	
	lpm/mbard	gpm/psid
0.05	0.05	1.0
0.1	0.09	1.7
0.2	0.16	3.0
0.45	0.30	5.5
0.65	0.33	6.0
0.8	0.38	7.0
1.2	0.44	8.0

Ordering Information

Pall Part Number = WFN 1 - 2 U 3 - 4 5

Table 1

Code	Filter grades (µm)
0.05	0.05
0.1	0.1
0.2	0.2
0.45	0.45
0.65	0.65
0.8	0.8
1.2	1.2

Table 2

Code	Cartridge lengths (nominal) cm/in
4	10.2/4
9.75	24.8/9.75
10	25.4/10
19.5	49.5/19.5
20	50.8/20
29.25	74.3/29.25
30	76.2/30
39	99.1/39
40	102/40

Table 3

Code	Gasket/O-ring materials
S	Silicone (standard O-rings)
E	EPDM
V	Fluorocarbon elastomer
N	Nitrile (standard gaskets)
T	FEP encapsulated silicone
X	No O-ring required (M2 only)

Table 4

Code	End configurations
Blank	DOE with elastomer gasket seals & end caps
1X	DOE, 2.54 cm (1 inch) extended core
M2	SOE flat closed end fits housing with 020 O-ring post
M3	SOE flat closed end, external 222 O-rings (retrofits other manufacturers' Code 0) ²
M5	DOE, internal 120 O-rings (retrofits 213 O-ring style) ²
M6	SOE flat closed end, external 226 O-rings (retrofits other manufacturers' Code 6) ²
M7	SOE fin end, external 226 O-rings (retrofits other manufacturers' Code 7) ²
M8	SOE fin end, external 222 O-rings (retrofits other manufacturers' Code 5) ²
M10	DOE, internal O-rings (fits other manufacturers' housings) ²
M11	SOE flat closed end, internal 120 O-ring (retrofits other manufacturers' X-style) ²
M20	SOE, internal O-ring (same as M10), closed end with deep recess

Table 5

Code	Pre-rinse options
Blank	No pre-rinse
314	Pre-rinse

² For details, contact Pall Corporation.



**ENABLING A
GREENER
FUTURESM**



Pall Corporation

25 Harbor Park Drive
Port Washington, NY 11050
+1 516 484 3600 telephone
+1 800 289 7255 toll free US

Visit us on the Web at www.pall.com

Pall Corporation has offices and plants throughout the world. For Pall representatives in your area, please go to www.pall.com/contact.

Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid.

© Copyright 2011, Pall Corporation. Pall and  are trademarks of Pall Corporation. ® indicates a trademark registered in the USA. **Filtration. Separation. Solution.** and **ENABLING A GREENER FUTURE** are service marks of Pall Corporation.