LENNTECH





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.

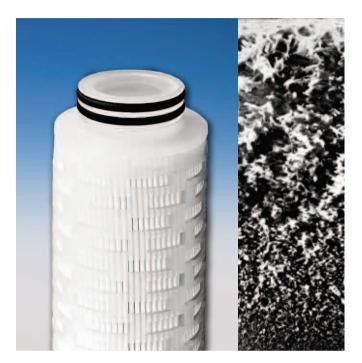
Pre-rinsing

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	
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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)
Т	FEP encapsulated silicone
Х	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	

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² For details, contact Pall Corporation.

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info@lenntech.com www.lenntech.com Tel. +31-15-261.09.00 Fax. +31-15-261.62.89 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.

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