

Description

The Ultipleat P-Nylon filter is specifically recommended for bulk filtration of photoresists and chemicals which are compatible with Nylon 6,6 and high density polyethylene (HDPE). In addition, it utilizes the latest advance in Pall filtration technology; the crescent shaped Ultipleat filter configuration.

Features & Benefits

- Wide range of configurations
- High flow rates
- Integrity testable
- Low extractables
- Optimized design
- Manufactured in a cleanroom environment
- 100% integrity tested



Specifications

Materials

Medium	Nylon 6,6
Core, Cage, and End Caps	High density polyethylene (HDPE)
Support and Drainage	High density polyethylene (HDPE)
O-ring Options	FEP encapsulated Fluoroelastomer

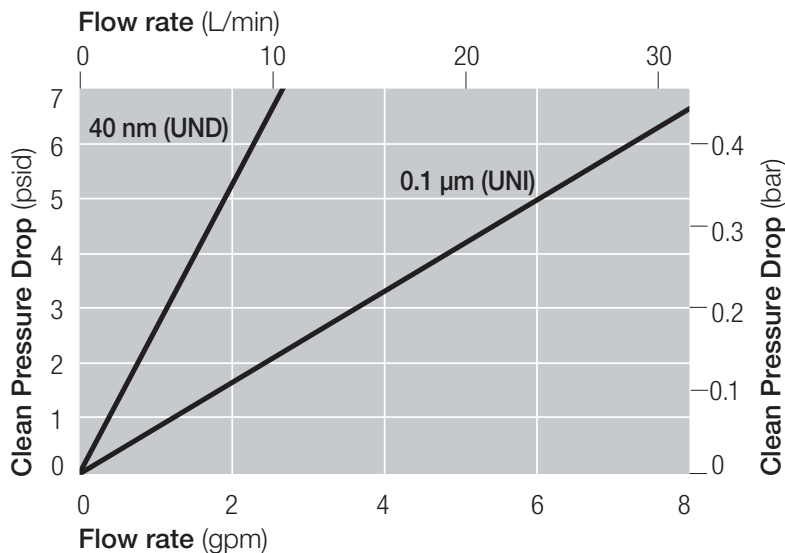
Configurations

Removal Ratings	0.1 µm, 40 nm	
Filter Areas	254 mm / 10"	0.88 m ² / 9.5 ft ²
	508 mm / 20"	1.70 m ² / 19.0 ft ²
	762 mm / 30"	2.6 m ² / 28.5 ft ²
	1016 mm / 40"	3.5 m ² / 38.0 ft ²
Nominal Length	254 mm / 10", 508 mm / 20", 762 mm / 30", and 1016 mm / 40"	
Diameter	70 mm / 2.75"	
O-ring size / End Caps	Code 3 (222 double O-ring / flat end) Code 8 (222 double O-ring / finned end) Code 7 (226 double O-ring bayonet lock / finned end) MR Code 3 (222 double O-ring / flat end) designed to retrofit Code 0 elements	

Operating Conditions

Maximum Operating Temperature	50 °C / 120 °F
Maximum Forward / Reverse Differential Pressure	2.7 bar @ 20 °C / 40 psid @ 68 °F

Typical Flow Characteristics - 1cP fluid, 20 °C



Part Numbers / Ordering Information

Part Number	Removal Rating	Nominal Length (mm / in)	Configuration Code	O-Ring Material ¹
ABD1UNI3EH1	0.1 μm	254 / 10	3	FEP encapsulated Fluoroelastomer
ABD1UNI7EH1	0.1 μm	254 / 10	7	
MRD1UNI3EH1	0.1 μm	254 / 10	3	
ABD2UNI3EH1	0.1 μm	508 / 20	3	
ABD2UNI7EH1	0.1 μm	508 / 20	7	
ABD2UNI8EH1	0.1 μm	508 / 20	8	
ABD3UNI3EH1	0.1 μm	762 / 30	3	
ABD3UNI8EH1	0.1 μm	762 / 30	8	
ABD4UNI7EH1	0.1 μm	1016 / 40	7	
ABD1UND3EH1	40 nm	254 / 10	3	
ABD1UND7EH1	40 nm	254 / 10	7	
ABD2UND3EH1	40 nm	508 / 20	3	
ABD2UND7EH1	40 nm	508 / 20	7	
ABD2UND8EH1	40 nm	508 / 20	8	
ABD3UND3EH1	40 nm	762 / 30	3	
ABD3UND8EH1	40 nm	762 / 30	8	
ABD4UND7EH1	40 nm	1016 / 40	7	

¹ Other O-ring materials are available.

Unit conversion: 1 bar = 100 kilopascals



Microelectronics

25 Harbor Park Drive
Port Washington, NY 11050
+1 516 484 3600 telephone
+1 800 360 7255 toll free US

Nihon Pall Ltd.

6-5-1, Nishishinjuku,
Shinjuku-ku
Tokyo 163-1325 Japan
+81 3 6901 5700 telephone
+81 3 5322 2109 fax

Pall Corporation has offices and plants throughout the world. To locate the Pall office or distributor nearest you, visit www.pall.com/contact.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly.

IF APPLICABLE 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.

© Copyright 2024, Pall Corporation. Pall, FlexBowl, Megaplast and Kleen-Change are trademarks of Pall Corporation. ® Indicates a trademark registered in the USA.