

Description

Pall's UltiKleen S filter is an advanced all-fluoropolymer cartridge that is highly recommended for critical chemical filtration. Prewet filters are guaranteed extractable levels and particle cleanliness levels.

Features & Benefits

- All fluoropolymer construction
- Excellent compatibility
- Optimized crescent shaped Ultipleat® filter design
- Very high flow rates
- Low differential pressure
- Low extractables
(-K3 and -K7 prewet options are available)
- Manufactured in a cleanroom environment
- 100% integrity tested



Specifications

Materials of Construction

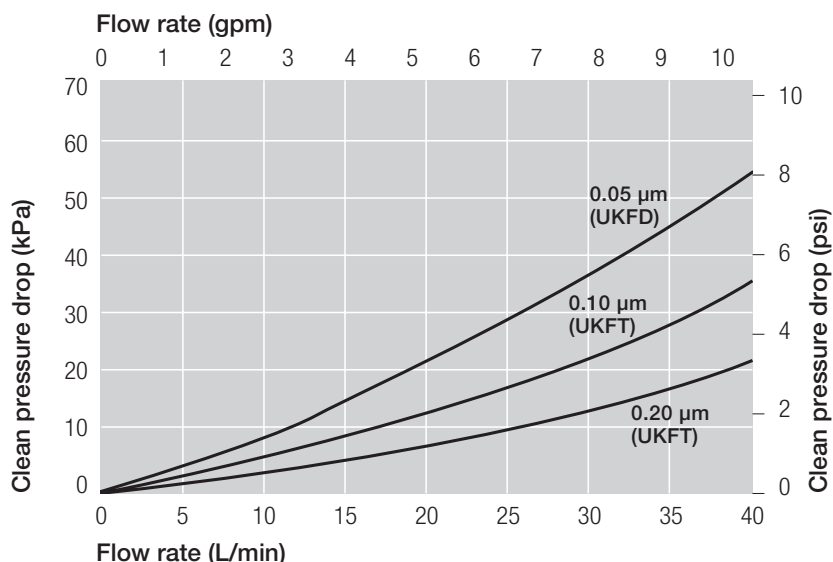
Components	Materials
Filter Medium	PTFE
Media Support	PTFE
Core	PFA
Cage	PFA
End Caps	PFA
Sealing Methods	Heat Melt Seal
O-ring	FEP encapsulated fluoroelastomer, FFKM

Removal Ratings and Operating Conditions

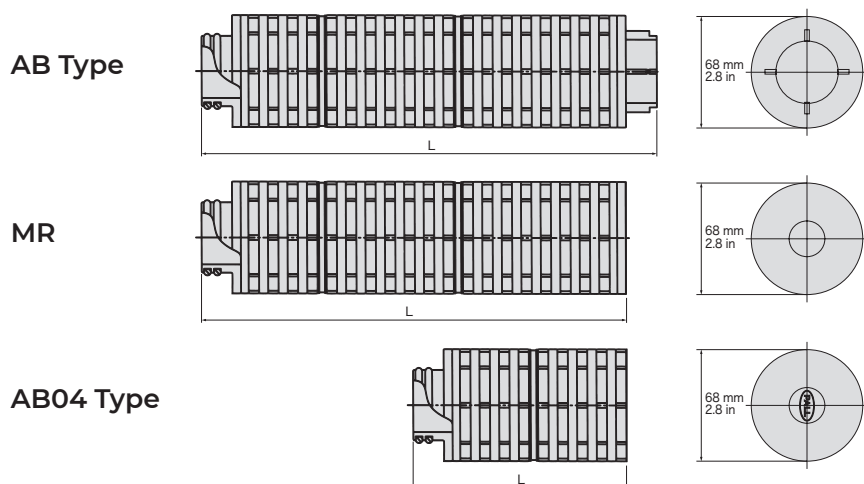
Removal Ratings	0.2 µm, 0.1 µm, 0.05 µm			
Configurations	ABF04	ABF1	ABF2	ABF3
Filter Areas	0.55 m ² / 5.92 ft ²	1.1 m ² / 11.8 ft ²	2.2 m ² / 23.5 ft ²	3.3 m ² / 35.5 ft ²
Nominal Length	127 mm / 5 in	254 mm / 10 in	508 mm / 20 in	762 mm / 30 in
Maximum Operating Temperature	185 °C / 365 °F			
Maximum Forward Differential Pressure	0.69 MPa < 50 °C / 100 psid < 120 °F			
	0.41 MPa < 110 °C / 60 psid < 230 °F			
	0.24 MPa < 170 °C / 35 psid < 335 °F			
	0.14 MPa < 185 °C / 20 psid < 365 °F			

Typical Flow Characteristics - 1cP fluid, 20 °C

ABF1 (254 mm / 10 in type)



Dimensions (nominal)



Part Numbers / Ordering Information

ABF 1 UKF 2 3 E 5 6

MRF 1 UKF 2 4 E 5 6

Table 1

Code	Cartridge Length		
	Nominal	AB type	MR type
04	4	130 mm / 5.1 in	-
1	10	284 mm / 11.2 in	262 mm / 10.3 in
2	20	544 mm / 21.4 in	503 mm / 19.8 in
3	30	794 mm / 31.3 in	-

Table 2

Code	Removal Ratings
D	0.05 µm
T	0.1 µm
R	0.2 µm

Table 3

Code	O-ring Size
3	AS568A-222

Table 4

Code	O-ring Size
25	AS568A-222

Table 5

Code	O-ring
H1	FEP encapsulated fluoroelastomer
H38	FFKM

Table 6

Code	Prewet Option
-K3	Prewet filter (packaged in DI water)
-K7	Prewet filter (packaged in DI water), Low metal extractables ¹

¹ Please contact Pall on the extractable conditions.

² Part numbers in combination with all codes are not always available. Please contact Pall for part number availability.



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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.

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