

Description

The UltiKleen® PK filter is an all fluoropolymer cartridge, utilizing Laid-Over-Pleat pleated filter medium for the filtration of aggressive process fluids used in the Display industry. It was specifically designed for AMOLED Panel Cleaning processes. This filter uses advanced materials to improve chemical stability, organic and inorganic extractables and particle cleanliness. The flow rate of the Ultipleat® PK filter series meets 100 LPM needed for G8 to G11 processing, reducing system foot-print and change-out costs.

Features and Benefits

- Highest flow rates of all fluoropolymer cartridges with excellent compatibility
- High purity PFA fluoropolymer hardware
- 0.1 µm, 0.2 µm and 0.45 µm removal ratings available
- Optimized crescent shaped Ultipleat® filter design
- UPK format with very high flow rates
- Low differential pressure
- Manufactured in a cleanroom environment
- 100% integrity tested
- Product is Prewet as a standard
- Fits all Ultipleat® PK filter housings



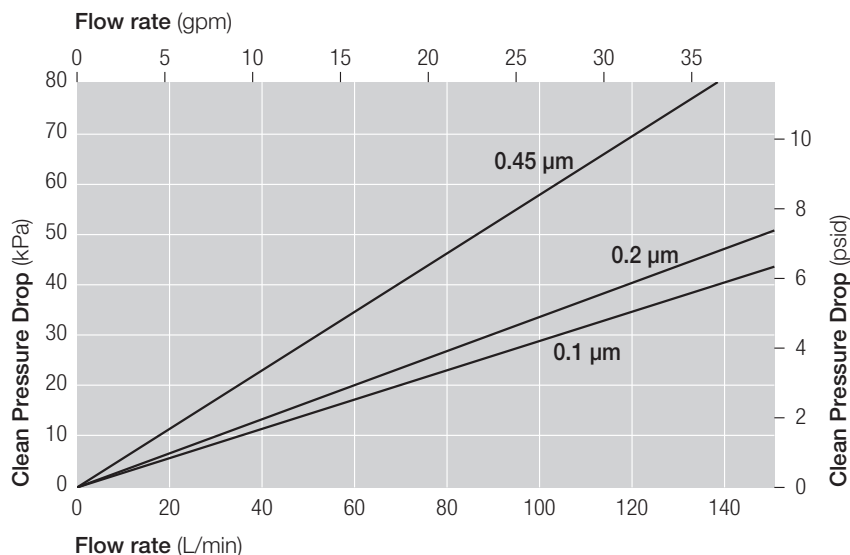
Specifications

Materials of Construction

Components	Materials
Filter Medium	PTFE
Media Support	PTFE
Core	PFA
End Caps	PFA
O-ring	FEP encapsulated fluoroelastomer

Removal Ratings	0.1 µm, 0.2 µm, 0.45 µm
Maximum Operating Temperature	120 °C / 248 °F
Maximum forward differential pressure	0.145 MPa @ 120 °C / 21 psid @ 248 °F 0.39 MPa @ 25 °C / 57 psid @ 77 °F
Housings	Ultipleat PK T-flow Plastic Housing P/N : UPKTUPVC-1GU32J and SST Housings. (For availability of specific options and housing details, please contact your Pall Corporation representative.)

Typical Flow Characteristics – 1 cP fluid, 20 °C



Part Numbers / Ordering Information

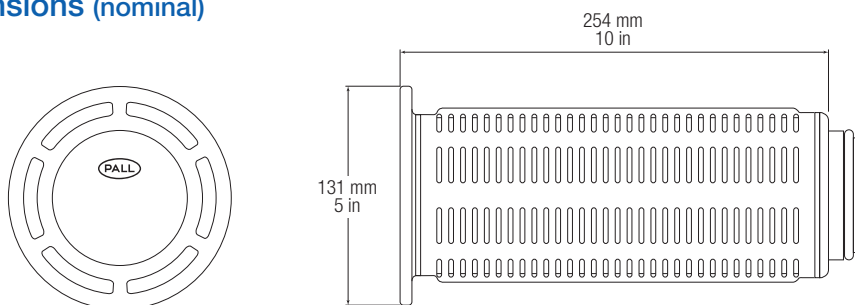
UPKF510F001H1-K13

UPKF510F002H1-K13

UPKF510F0045H1

UPKF510F0045H1-K13

Dimensions (nominal)



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



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Products in this document may be covered by one or more of the following patent numbers: US5543047; US5690765; US6113784; US7083564; US7318800; EP0982061; EP0667800; EP1380331.

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