

Description

Ultipleat PK EL filter cartridges are designed for high flow rate, wet process filtration required on 7G to 10.5G liquid crystal display (LCD) processes. These filters can handle flow rates in excess of 300 L/min, thereby reducing the system footprint and change-out costs. Ultipleat PK EL filters are utilizing Laid-Over-Pleat pleated filter, allowing longer filter service life and higher flow rate.

Features & Benefits

- Unique Ultipleat filter construction allows for longer filter service life and higher flow rate
- Large flow rate in excess of 300 L/min
- All polypropylene filter suited for LCD wet processing applications
- Compact design makes for efficient filter change-outs, thus reducing equipment down-time



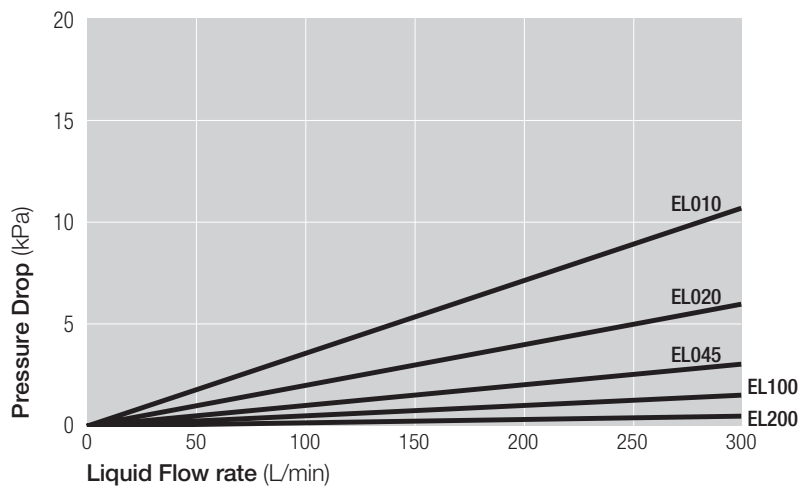
Materials of Construction

Components	Materials
Filter media	Polypropylene
Support	Polypropylene
Core	Polypropylene
End caps	Polypropylene
Sealing options	EPDM (U-cup), FEP encapsulated Fluoroelastomer

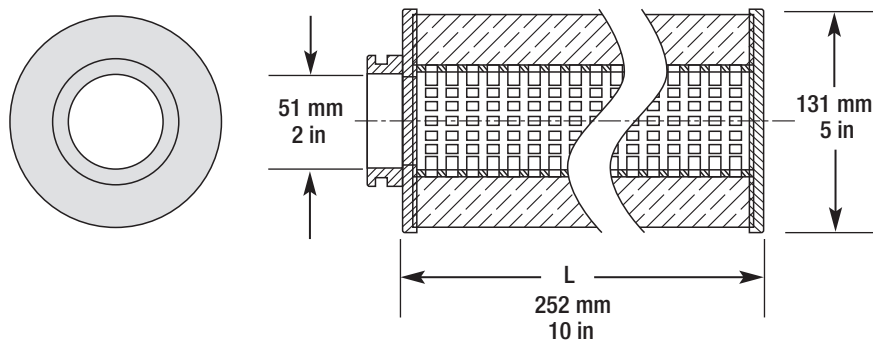
Specifications

Removal Ratings (µm)	1, 2, 4.5, 10, 20
Maximum Operating Temperature	80 °C / 176 °F
Maximum Differential Pressure	0.41 MPa @ 20 °C / 60 psid @ 68 °F 0.31 MPa @ 80 °C / 45 psid @ 176 °F
Housing Reference	Ultipleat PK housing : Part Number : UPKTV-1GU32J (PVC components) (Please contact your Pall representative for information on our stainless steel housings)

Typical Flow Characteristics - 1 cP fluid, 20°C



Dimensions



Part Numbers / Ordering Information

UPK510 1 2

Table 1

Code	Removal ratings (μm)
EL010	1
EL020	2
EL045	4.5
EL100	10
EL200	20

Table 2

Code	O-ring materials
JU ¹	EPDM (U cup)
H1	FEP encapsulated fluoroelastomer

¹ Standard O-ring

Representative example part numbers

UPK510EL010JU
 UPK510EL020JU
 UPK510EL045JU
 UPK510EL100JU
 UPK510EL200JU



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