

EPK Filters

Description

Pall EPK filter cartridges are specifically designed for the wet cleaning applications in Thin Film Transistor Liquid Crystal Display (TFT LCD) manufacturing. The filters have excellent compatibility with the various process liquids. The unique cartridge construction, with its large filter area in a compact package, results in a small system footprint and reduced change-out costs. EPK cartridges are available in a wide range of removal ratings.

Features

- AS568-334 O-ring seal
- 130 mm / 5 inch outer diameter (nominal)
- 272 mm / 10 inch length (nominal)
- High filter area, pleated cartridge
- Single open end filter
- Same configuration as Pall Ultipleat® PK filter
- Wide range of removal ratings

Benefits

- High flow rates
- Longer filter service life
- Easy filter change-out
- Reduced filtration operating costs

Specifications

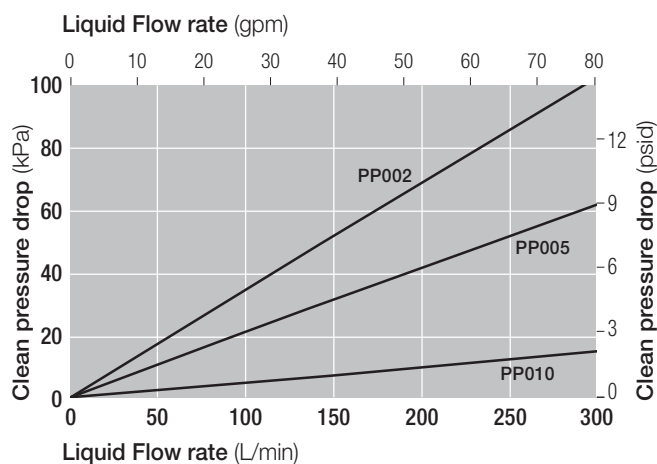
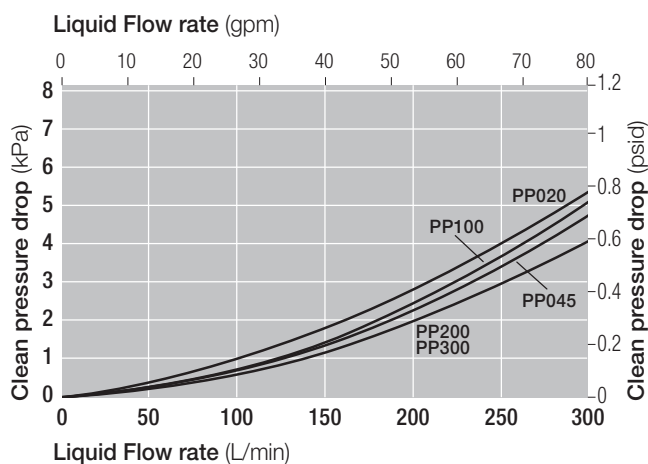
Materials of Construction

Components	Materials
Filter Medium	Polypropylene (PP)
Support and drainage	Polypropylene
Core and cage	Polypropylene
End Cap	Polypropylene
O-ring	EPDM FEP encapsulated fluoroelastomer



Removal Ratings (µm)	PP : 0.2, 0.5, 1, 2, 4.5, 10, 20, 30
Maximum Operating Temperature	80 °C / 176 °F
Maximum Forward Differential Pressure	0.4 MPa @ 20 °C / 60 psid @ 68 °F 0.3 MPa @ 80 °C / 45 psid @ 176 °F
Housings	<ul style="list-style-type: none"> • Ultipleat PK T-flow polypropylene housing P/N: UPKTUPP-1GU32J • Stainless steel and PVC housings. <p>(For availability of specific options and housing details, please contact your Pall Corporation representative.)</p>

Typical Flow Characteristics - 1cP fluid (20 °C)



Part Numbers / Ordering Information¹

EPK510 1 2

Table 1

Code	Removal ratings
PP002	0.2 µm
PP005	0.5 µm
PP010	1 µm
PP020	2 µm
PP045	4.5 µm
PP100	10 µm
PP200	20 µm
PP300	30 µm

Table 2

Code	O-Ring
J	EPDM
H1	FEP encapsulated fluoroelastomer

¹ Not all part number combinations are always available. Please contact your Pall representative for 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 representative.



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