

EPKS PP Filters

Description

Pall EPKS PP filter cartridges are specifically designed for the wet cleaning applications in flat panel display manufacturing (TFT-LCD, OLED). 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. EPKS PP cartridges are available in a wide range of removal ratings.

Features

- AS568-226 O-ring seal
- 81 mm / 3 inch outer diameter (nominal)
- 260 mm / 10 inch length (nominal)
- High filter area, pleated cartridge
- Single open end filter
- Wide range of removal ratings

Benefits

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

Specifications

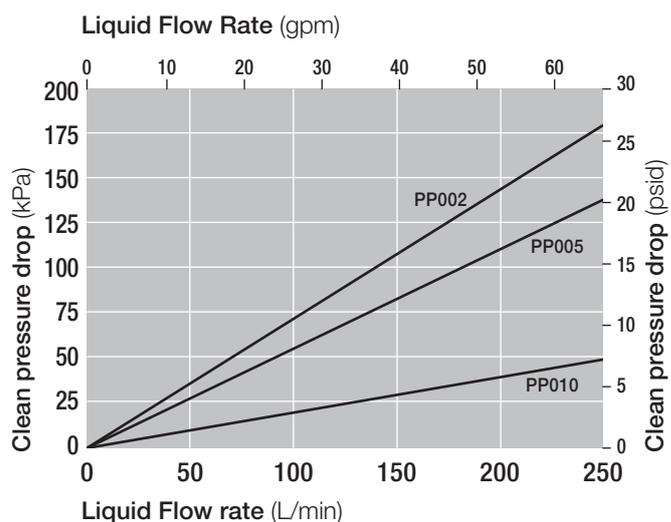
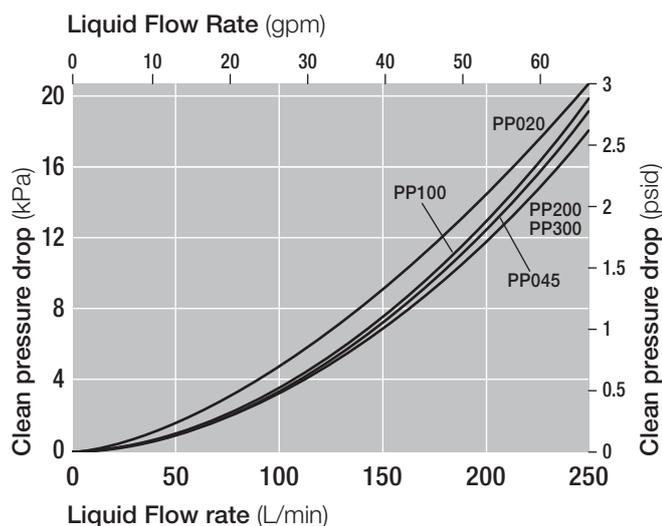
Materials of Construction

Components	Materials
Filter Medium	Polypropylene (PP)
Support and drainage	Polypropylene
Core and cage	Polypropylene
End Cap	Polypropylene
O-ring (AS568-334)	EPDM, FEP encapsulated



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	0.69 MPa @ 20 °C / 100 psid @ 68 °F 0.34 MPa @ 80 °C / 50 psid @ 176 °F
Housings	<ul style="list-style-type: none"> • Ultipleat PKS T-flow polypropylene housing P/N: UPKSV-1GU24J • Stainless steel and PVC housings. <p>(For availability of specific options and housing details, please contact your Pall Corporation representative.)</p>

Typical Flow Characteristics – 1 cP fluid, 20 °C



Part Numbers / Ordering Information¹

EPK310 1 2

Table 1 (Polypropylene)

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 materials
J	EPDM
H1	FEP encapsulated

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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