

## EPK PS Filters

### Description

Pall EPK PS filter cartridges are specifically designed for the wet cleaning process 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. EPK PS cartridges are available in a wide range of removal ratings.

### Features

- AS568-334 O-ring seal
- 5 inch outer diameter
- 10 inch length
- 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
- Reduced filtration operating costs

### Specifications

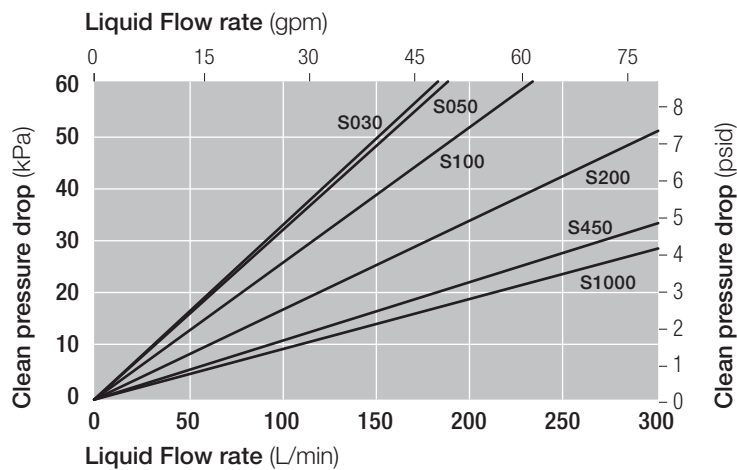
#### Materials of Construction

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



Removal Ratings (µm)	0.03, 0.05, 0.1, 0.2, 0.45, 1
Maximum Operating Temperature	80 °C / 176 °F
Maximum Forward Differential Pressure	0.4 MPa @ 20 °C / 60 psid @ 68 °F 0.27 MPa @ 80 °C / 40 psid @ 176 °F
Housings	<ul style="list-style-type: none"> <li>• UPK T-flow PP and SST/PVC housings (For availability of specific options and housing details, please contact your Pall Corporation representative. )</li> </ul>

## Typical Flow Characteristics – 1 cP fluid, 20 °C



## Part Numbers / Ordering Information<sup>1</sup>

EPK510 1 2 3

Table 1

Code	Removal ratings
S030	0.03 µm
S050	0.05 µm
S100	0.1 µm
S200	0.2 µm
S450	0.45 µm
S1000	1 µm

Table 2

Code	Sealing Material
J	EPDM
H1	FEP encapsulated fluoroelastomer

Table 3

Code	Package Option
None	Single Pack
SB6	Bulk Pack for 6pcs

<sup>1</sup>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.



Pall Corporation

### Microelectronics

25 Harbor Park Drive  
 Port Washington, NY 11050  
 +1 800 360 7255 toll free US  
 +1 516 484 3600 telephone  
 +1 516 801 9711 fax

### Nihon Pall Ltd

6-5-1, Nishishinjuku,  
 Shinjuku-ku Tokyo  
 163-1325 Japan  
 +81 3 6901 5700 telephone  
 +81 3 5322 2109 fax

### Visit us on the Web at [microelectronics.pall.com](http://microelectronics.pall.com)

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