

## Description

Pall's P Emflon® HV2 filter is recommended specifically for high-viscosity fluids up to 15,000 mPa·s, such as polyimide coatings and adhesive emulsions. The P Emflon HV2 is designed to withstand the high differential pressure associated with viscous fluids while maintaining stable flow rates. Low extractables are ensured by the use of high density polyethylene hardware and PTFE medium.

## Features and Benefits

<b>Optimized design for high-viscosity fluids</b>	<ul style="list-style-type: none"> <li>• Enables filtration of fluids up to 15,000 mPa·s</li> </ul>
<b>Ultipleat® construction</b>	<ul style="list-style-type: none"> <li>• Low pressure drop</li> <li>• Stable flow performance</li> </ul>
<b>PTFE and HDPE materials</b>	<ul style="list-style-type: none"> <li>• Excellent compatibility</li> <li>• Very low extractables</li> </ul>



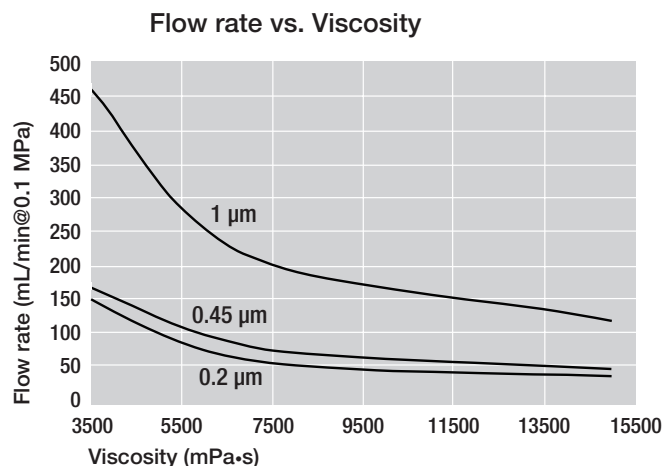
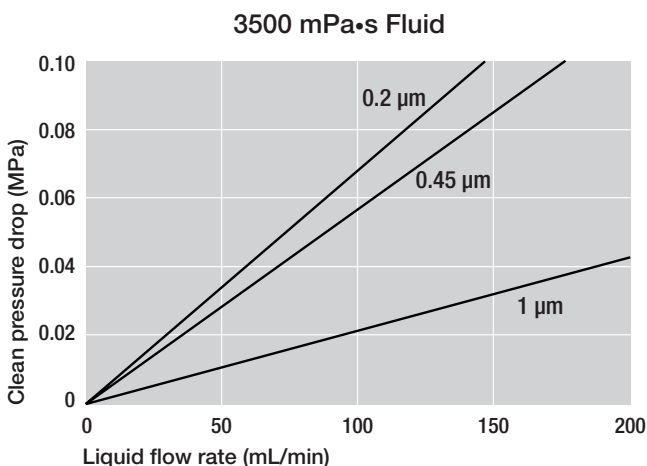
## Specifications

### Materials of Construction

<b>Medium</b>	PTFE
<b>Support and drainage</b>	High-density polyethylene (HDPE)
<b>Core</b>	High-density polyethylene (HDPE)
<b>Cage</b>	High-density polyethylene (HDPE)
<b>End caps</b>	High-density polyethylene (HDPE)
<b>O-ring</b>	FEP Encapsulated fluoroelastomer

<b>Removal Ratings</b>	0.2 µm, 0.45 µm, 1 µm
<b>Filter Areas</b>	0.8 m <sup>2</sup> / 8.6 ft <sup>2</sup>
<b>Maximum Temperature</b>	60 °C / 140 °F
<b>Maximum Differential Pressure</b>	0.34 MPa (@ 40 °C / 104 °F)

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



## Part Numbers / Ordering Information

AB 1 2 3 E 4 -HV2

**Table 1**

Code	Length (mm / in)
1	254 / 10
2	508 / 20
3	762 / 30

**Table 2**

Code	Removal Ratings (μm)
UFR	0.2
UFX	0.45
UFN	1

**Table 3**

Code	O-ring size / Endcap
3	AS568A-222 / Flat
7	AS568A-226 / Bomb fin
8	AS568A-222 / Bomb fin

**Table 4**

Code	O-ring Material
H1	FEP Encapsulated fluoroelastomer

For availability of specific options and housing details, please contact your Pall Corporation representative.



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*IF APPLICABLE* Please contact Pall Corporation to verify that the product conforms to your national legislation and/or regional regulatory requirements for water and food contact use.

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