Pall Corporation

P Emflon® HV2 Filter

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

Features	Benefits
Optimized design for high-viscosity fluids	• Enables filtration of fluids up to 15,000 mPa·s
Ultipleat® construction	• Low pressure drop • Stable flow performance
PTFE and HDPE materials	• Excellent compatibility • Very low extractables

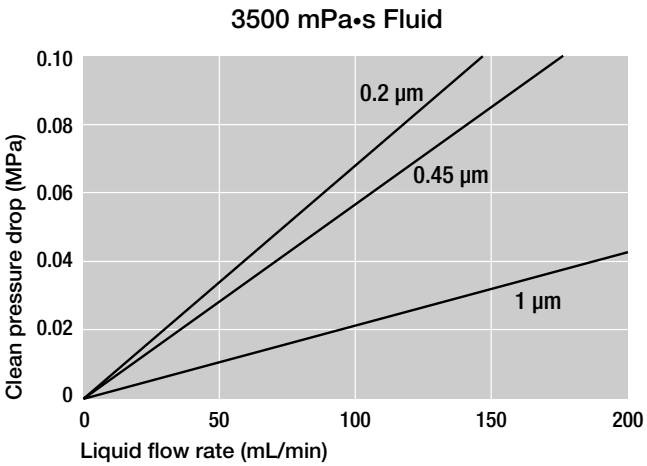
Specifications

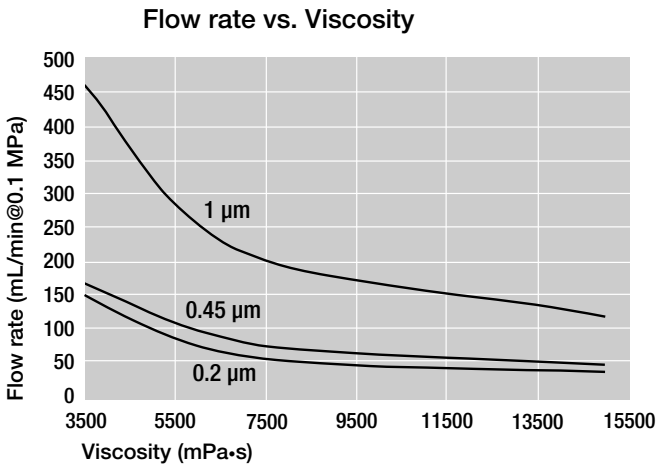
Materials of Construction

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

Removal Ratings	0.2 µm, 0.45 µm, 1 µm
Filter Areas	0.8 m^2 / 8.6 ft^2
Maximum Temperature	40°C / 104°F
Maximum Differential Pressure	0.34 MPa / 3.5 kgf/cm^2 (@ 40°C / 104°F)

Pressure Drop vs. Liquid Flow Rate





Part Numbers / Ordering Information

ABD [1] [2] [3] [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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Because of technological developments related to the products, systems, and/or services described herein, the data and procedures are subject to change without notice. Please consult your Pall representative or visit www.pall.com to verify that this information remains valid. Products in this document may be covered by one or more of the following patent numbers: 140661

*Filtration. Separation. Solution.*SM

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