

Ultipleat® HP Filter



Description

The Ultipleat HP filter is specifically designed for use in recirculating nickel plating baths to provide rapid bath clean-up. It is also ideally suited for use in recirculated cleaning baths of DI water and alkaline soaps.

- Membrane wets out spontaneously in Ni plating and DI water + soap mixtures
- Removal rating of 0.1 μm in recirculation mode; 0.2 μm in single pass
- Very high flow rates
- Exceptionally low differential pressure
- Low extractables
- 100% integrity tested
- Serialized for traceability
- Manufactured in cleanroom environment

Specifications

Materials

- Medium: Hydrophilic, highly asymmetric polysulfone
- Core, cage, end caps: Polypropylene
- Support and drainage: Polypropylene
- O-ring: Teflon¹ encapsulated fluoroelastomer

Removal Ratings

- 0.1 μm in recirculation mode; 0.2 μm in single pass

Filter Area

- AB2 style: 1.64 m² / 17.6 ft²

Configurations

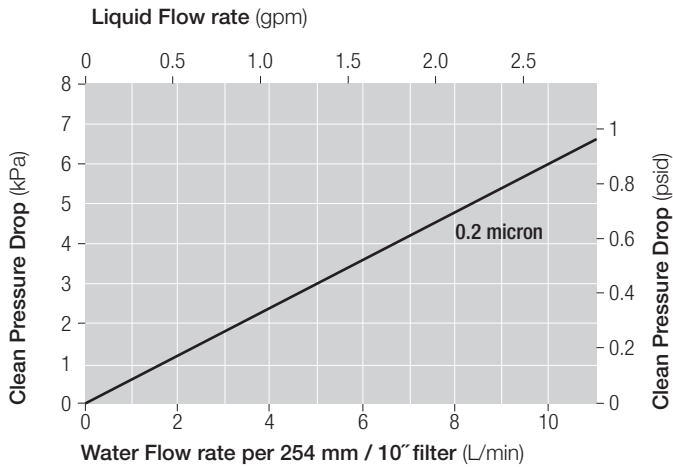
- Nominal length: AB2: 508 mm / 20"
- Diameter: 70 mm / 2.75"
- O-ring size/end caps: Code 3 (222 double O-ring / flat end)

Operating Conditions

- Maximum Operating Temperature: 90° C / 194° F
- Maximum Forward Differential Pressure: 0.2 MPa @ 90° C / 30 psid @ 194° F

¹ Teflon is a trademark of DuPont Company

Pressure Drop vs. Liquid Flow Rate²



² For liquids with viscosity differing from water, multiply the pressure by the viscosity in centipoise.

Part Numbers/Ordering Information

Part Number	Removal Rating (μm)	Nominal Length (mm / in)	Configuration Code	O-ring Material
AB2UHPA3EH1	0.1 μm in recirculation mode 0.2 μm in single pass mode	508 / 20	3	Teflon encapsulated fluoroelastomer

Specifications and 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 distributor or contact Pall Corporation directly.



2200 Northern Boulevard
East Hills, New York 11548-1289 USA

1.800.360.7255 toll free (Only in US)
1.516.484.5400 phone
1.516.625.3610 fax

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