

Ultipleat® PC Filter

Description

The Ultipleat® PC filter is specifically recommended for component parts cleaning applications where high flow rates, together with a 0.1 µm / 0.2 µm particle removal ratings, are required. The PTFE filter membrane is incorporated in a unique, crescent-shaped or laid-over pleat geometry to provide an increase in effective filtration area and service life.

Features and Benefits

Features	Benefits
Ultipleat construction	<ul style="list-style-type: none"> • High flow rates – ideal for 7G and 8G processes • Smaller footprint • Lower capital, installation and change-out costs • Longer service life
PTFE and polypropylene materials	<ul style="list-style-type: none"> • Broad chemical compatibility
No surfactants or binder resins	<ul style="list-style-type: none"> • Very low extractables

Specifications

Materials of Construction

Filter Membrane	PTFE
Support and drainage	Polypropylene
Core and cage	Polypropylene
End caps	Polypropylene

AB style cartridges only

O-ring options	FEP encapsulated fluoroelastomer (standard), ethylene propylene, or fluoroelastomer
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PUY style cartridges only

Gasket options	Ethylene propylene, fluoroelastomer, polypropylene
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Removal Ratings

0.1 µm , 0.2 µm

Filter area

0.23 m² / 2.5 ft²

Configurations

Nominal length	254 mm / 10 in
Nominal diameter	AB: 70 mm / 2.75 in, PUY: 64 mm / 2.5 in

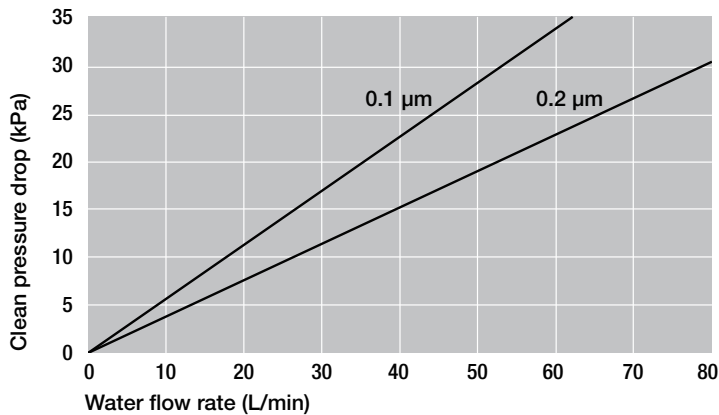
Operating Conditions¹

Maximum operating temperature: 70°C / 158°F

Maximum differential pressure	Operating Temperature
0.55 MPa / 80 psi	20°C / 68°F
0.31 MPa / 45 psi	70°C / 158°F

¹For compatible liquids

Pressure Drop vs. Liquid Flow Rate (Water, 20°C)²



² For Liquids with a viscosity differing from water, multiply the pressure drop by the viscosity in centipoises.

Part Numbers / Ordering Information

AB 1 PC 2 3 4

PUY 1 PC 2 5

Table 1

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

Table 2

Code	Removal Ratings
001	0.1 µm
002	0.2 µm

Table 3

Code	O-ring Size
3	AS568A - 222
7	AS568A - 226

Table 4

Code	O-ring Seal
J	Ethylene propylene
H	Fluoroelastomer
H1	FEP encapsulated fluoroelastomer ³

Table 5

Code	Gasket Seal
J	Ethylene propylene
H	Fluoroelastomer
Y1	Polypropylene

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

³ Standard O-ring for AB style filter cartridge



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