

## Ultipleat® PC Filter

### Description

The Ultipleat® PC filter is specifically recommended for component parts cleaning applications where high flow rates, together with a 0.2 µm particle removal rating, 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"> <li>• High flow rates – ideal for 7G and 8G processes</li> <li>• Smaller footprint</li> <li>• Lower capital, installation and change-out costs</li> <li>• Longer service life</li> </ul>
PTFE and polypropylene materials	<ul style="list-style-type: none"> <li>• Broad chemical compatibility</li> </ul>
No surfactants or binder resins	<ul style="list-style-type: none"> <li>• Very low extractables</li> </ul>

### 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 Rating

0.2 µm

#### Filter area

0.23 m<sup>2</sup> / 2.5 ft<sup>2</sup>

#### Configurations

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

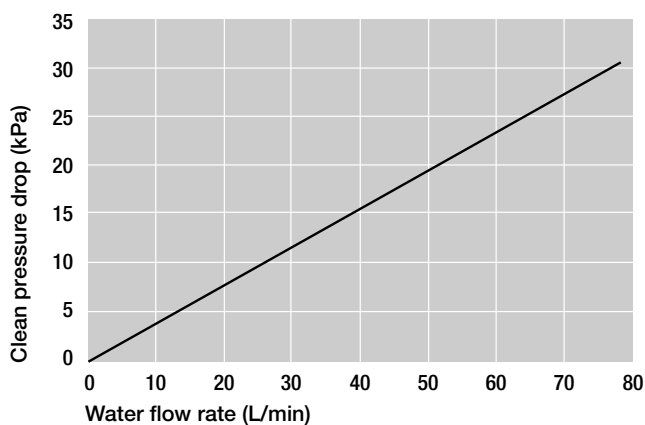
#### Operating Conditions<sup>1</sup>

**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

<sup>1</sup>For compatible liquids

## Pressure Drop vs. Liquid Flow Rate (Water, 20°C)<sup>2</sup>



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

## Part Numbers / Ordering Information

AB ■ PC0023 ◆

PUY ■ PC002 ▼

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

Code ◆	O-ring Seal
J	Ethylene propylene
H	Fluoroelastomer
H1	FEP encapsulated fluoroelastomer <sup>3</sup>

Code ▼	Gasket Seal
J	Ethylene propylene
H	Fluoroelastomer
Y1	Polypropylene

<sup>3</sup> Standard O-ring for AB style filter cartridge

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



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