Pall Mini Profile capsules have been designed for small volume production and scale-up evaluation. These scaleable capsules are available in two cartridge filter types and complement and extend the range of depth filters available in the Pall UpScale series. They can be used for a wide range of applications including clarification of biological products.

Pall Profile II cartridge filters are all polypropylene depth filter elements, featuring tapered pores that narrow to an inner (downstream) absolute rated section. This thick depth structure provides high capacity for larger solids and gels as well as for fine particles.

Profile Star cartridge filters feature high area star-shaped pleat construction. The patented design combines the advantages of thick depth filters with those of traditional high area pleated filters.

Features and Benefits

- Can be used in scale-up evaluation.
- Capsule format for ease of use.
- High capacity depth medium.
- Absolute particle rated for reliability.
- Low hold-up volumes.
- Broad chemical compatibilities.
- Optimized for viscous fluids.
- Excellent gel removal.
- Higher flows and throughputs.
- Easy to use self-venting format.
- Low extractables and low protein binding.
- Manufactured under clean conditions in a controlled environment.

Pall's UpScale Program

From drug discovery and basic research, through process development and production, Pall Corporation is the single source for all of your filtration and separation needs. Our UpScale program provides you with the scaleable filtration products and support you need to bring new products to market faster.
Materials of Construction
Medium: Polypropylene
Core, End Caps: Polypropylene
Housing: Polypropylene
13 mm Single Hose Barb Adapter: Acetal

Connections (Inlet/outlet)
13 mm (9/16 inch) Hose Barb

Filter Description¹
PN 12070: Profile® Star filter; polypropylene filter media with 1.5 µm removal rating
PN 12071: Profile Star filter; polypropylene filter media with 3 µm removal rating
PN 12072: Profile II filter; polypropylene filter media with 5 µm removal rating
PN 12073: Profile II filter; polypropylene filter media with 0.5 µm removal rating
PN 12074: Profile II filter; polypropylene filter media with 1 µm removal rating

Ordering Information
<table>
<thead>
<tr>
<th>Product No.</th>
<th>Description</th>
<th>Removal Rating</th>
<th>Packaging</th>
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<td>12074</td>
<td>Mini Profile capsule with Profile II filter</td>
<td>1 µm</td>
<td>3/pkg</td>
</tr>
</tbody>
</table>

Dimensions

Effective Filtration Area
Profile II Filter: 46 cm²
Profile Star Filter: 90 cm²

Maximum Accumulated Autoclave Time
Up to 125 °C (257 °F) 3 x 30 minutes

Warning: Mini Profile capsules must not be in-situ steam sterilized by passing steam through under pressure. The figures given are maximum allowable figures determined by testing under controlled laboratory conditions to the length of time indicated. Actual operating conditions may affect the filter's long term response to sterilization. Filters should be qualified for each process application.

Typical Water Flow Rate†‡

Product availability may be subject to change without notice. All specifications are nominal. This literature was reviewed for accuracy at the time of publication. For current information on the products and test methodologies, consult your local Pall office or distributor.

Specifications and availability
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E-mail us at Lab@pall.com

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