**Labo-Pure Capsule Filter Cartridge**

**LPX Capsule**

(IDF standard ferrule connection)
(No filter housing required)

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**Major Applications**

- Coating applications
- Slurry and paste filtration
- Paints and inks filtration
- Others

**Features & Benefits**

- Selectable from most of ROKI filter elements as built-in filter
- Ideal for various production scale
  - Compatible from small to medium and to mass production line
- Easy and quick filter replacement by IDF standard ferrule connection
- Space saving due to inline capsule shape

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**Internal structure**

The LPX capsule can be connected to the pipe either horizontally or vertically. Depending on its orientation, air vent function and drain function are available.
### Dimension

![Diagram of a filter cartridge showing dimensions](image)

### Port Configuration

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Code</th>
<th>Port Configuration Code</th>
<th>IN/OUT</th>
<th>Air Vent / Drain</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1S</td>
<td>1S = IDF 1S • Ferrule</td>
<td>ID</td>
<td>R1/4</td>
</tr>
<tr>
<td></td>
<td>15A</td>
<td>15A = IDF 15A • Ferrule</td>
<td>ID</td>
<td>R1/4</td>
</tr>
</tbody>
</table>

* Gaskets and clamp bands for fittings are not included.
* Compatible gasket materials: EPDM, FKM, Silicone, NBR

### Specification

<table>
<thead>
<tr>
<th>Product type</th>
<th>LPX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built-in filter length (mm)</td>
<td>125</td>
</tr>
<tr>
<td>O.D. of capsule (mm)</td>
<td>ø97</td>
</tr>
<tr>
<td>Materials</td>
<td>Filter: Refer to each filter catalog, Capsule: Polypropylene</td>
</tr>
<tr>
<td>Maximum ΔP (MPa) at 20ºC(68ºF)</td>
<td>0.6 (6bar, 87psi)</td>
</tr>
<tr>
<td>Max. Operating Temp. (°C)</td>
<td>60 (140ºF)</td>
</tr>
<tr>
<td>Sterilization</td>
<td>Autoclave (30min at 121ºC/ 249ºF) *Only 1S • Ferrule Type</td>
</tr>
</tbody>
</table>

* Please contact us for further information on specifications.
* Please remove the cap when autoclaving.

### Ordering Information

**LPX**

- **L**: Nominal Length of Built-in Filter Cartridge - 125mm
- **P**: Product Type of Built-in Filter Cartridge
- **X**: Micron Rating
- **012**: Port Configuration Code
- **1S**: Configuration Code

Please refer to each filter catalog.

* The contents of the catalog are subject to change without notice.