CERTAIN-PORE Filter Cartridges

**CTA Type**

(For Electronics industry)

### Major Applications
- High-performance liquids and chemical solutions in the electronic industry
- High-purity solutions and organic solvents
- Others

### Features & Benefits
- **Low differential pressure even under high flow rate**
  - High flow rate at low differential pressure is achieved by wide filtration area.
- **Excellent chemical resistance**
  - PTFE membrane filter media & polypropylene molded material
- **100% flushing by pure water before shipment**
- **100% integrity test**

### Materials of Construction

### Specification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Micron Rating (μm)</th>
<th>E.F.A. (m² / 250mm)</th>
<th>Dimensions</th>
<th>Maximum ΔP at 20°C (68°F)</th>
<th>Maximum Operating Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.1</td>
<td>0.2</td>
<td>0.45</td>
<td>1.0</td>
<td>80°C (176°F)</td>
</tr>
</tbody>
</table>

**E.F.A.**

<table>
<thead>
<tr>
<th>O.D. (mm)</th>
<th>I. D. (mm)</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>70.0</td>
<td>26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)</td>
<td></td>
</tr>
</tbody>
</table>

**Materials**

- **Core, Outer Cage, End Cap**
  - Polypropylene
- **Support**
  - Polypropylene
- **Media**
  - Hydrophobic PTFE Membrane

### Features & Benefits

- Low differential pressure even under high flow rate
- Excellent chemical resistance
- 100% flushing by pure water before shipment
- 100% integrity test

*If you need further information on specifications (length, end cap type, etc.), please contact us.
Flow Rate

<table>
<thead>
<tr>
<th>Fluid: Refined Water (20°C)</th>
<th>Cartridge Length: 250mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>* The data does not include piping pressure drop.</td>
<td></td>
</tr>
<tr>
<td>* The above data is based on our test condition, and is not guaranteed value.</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

250L−CTA−001V O A

[ Nominal Length ] [ Product Type ] [ Micron Rating ] [ Gasket/O-Ring ] [ End Cap Code ] [ Packaging Code ]
125 = 125mm 001 = 0.1 μm S = Silicone F = Flat Gaskets A = 1pc
250 = 250mm 002 = 0.2 μm E = EPDM 0 = 2-222 O-Ring B = 6pcs
500 = 500mm 005 = 0.45μm N = NBR 5 = 2-222 O-Ring+Fin C = 10pcs
750 = 750mm 010 = 1.0 μm V = FKM 7 = 2-226 O-Ring+Fin F = 25pcs

PTFE (for F)

End Cap Code

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

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