CERTAIN-PORE Filter Cartridges

CTZ Type
(Hydrophobic PTFE Membrane)

Major Applications
- Functional resin and Chemicals in the electronics industry
- Photo-resists and Chemicals in semiconductor industry
- High-purity solutions and organic solvents
- Removal of undissolved resin contained in binder etc.
- Others

Features & Benefits
- Effective filtration of liquid with high viscosity
  - Designed for filtration of liquid with high viscosity
- Excellent chemical compatibility
  - PTFE membrane filter media & polypropylene molded material
- 100% integrity test

Materials of Construction

<table>
<thead>
<tr>
<th>End Cap</th>
<th>O-Ring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outer Cage</td>
<td>Support</td>
</tr>
<tr>
<td>Core</td>
<td>Media</td>
</tr>
</tbody>
</table>

Specification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>CTZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micron Rating (μm)</td>
<td>0.1</td>
</tr>
<tr>
<td>Integrity test</td>
<td>Diffusion Flow test</td>
</tr>
<tr>
<td>E.F.A. (m² / 250mm)</td>
<td>0.78</td>
</tr>
<tr>
<td>Dimensions</td>
<td>O.D. (mm)</td>
</tr>
<tr>
<td></td>
<td>I. D. (mm)</td>
</tr>
<tr>
<td>Materials</td>
<td>Media</td>
</tr>
<tr>
<td></td>
<td>Support</td>
</tr>
<tr>
<td></td>
<td>Core, Outer Cage, End Cap</td>
</tr>
<tr>
<td>Maximum ∆P at 20°C (68°F)</td>
<td>0.49MPa (4.9bar, 71psid)</td>
</tr>
<tr>
<td>Maximum Operating Temp.</td>
<td>80°C (176°F)</td>
</tr>
<tr>
<td>Adaptable Food Sanitation Standard</td>
<td>All raw materials meet the requirement of FDA 21 CFR *2</td>
</tr>
</tbody>
</table>

*1 Simplified integrity testing of all products.
*2 Applicable Gaskets and O-ring materials exclude EPDM.
*3 If you need further information on specifications (length, end cap type, etc.), please contact us.
Fluid: Refined Water 20°C(68°F)  Cartridge Length: 250mm
* The data does not include piping pressure drop.
* The above data is based on our test condition, and is not guaranteed value.

Ordering Information

250 L - C T Z - 0 0 1 V 7 F

[ Nominal Length ]
125 = 125mm
250 = 250mm
500 = 500mm
750 = 750mm

[ Micron Rating ]
001 = 0.1 μm
002 = 0.2 μm
005 = 0.45μm
010 = 1.0 μm
030 = 3.0 μm

[ Gasket/O-Ring ]
S = Silicone
E = EPDM
N = NBR
V = FKM
T = FEP Encapsulated FKM (for 0, 5, 7)
PTFE (for F)

[ End Cap Code ]
F = Flat Gaskets
0 = 2-222 O-Ring
5 = 2-222 O-Ring + Fin
7 = 2-226 O-Ring + Fin

[ Packaging Code ]
A = 1pc
B = 6pcs
C = 10pcs
F = 25pcs

End Cap Code