

CTZ Q FlowType

For high flow filtration applications
(Hydrophobic PTFE Membrane)

Major Applications

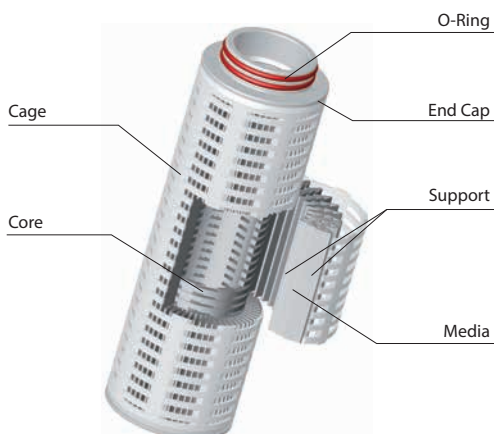
- Functional resin and Chemicals used in the electronics industry
- Photo-resists and Chemicals in semiconductor industry
- High-purity solutions and organic solvents
- Removal of undissolved resin contained in binder etc.
- Others

Features & Benefits

- **High flow rate due to large diameter.**
 - Since the number of installation can be reduced, the filter housing can be miniaturized (Space saving).
- **Excellent chemical compatibility**
 - Constructed from Hydrophobic membrane with PTFE Filter Media and Polypropylene components
- **Integrity testing of all products**



Materials of Construction



Specification

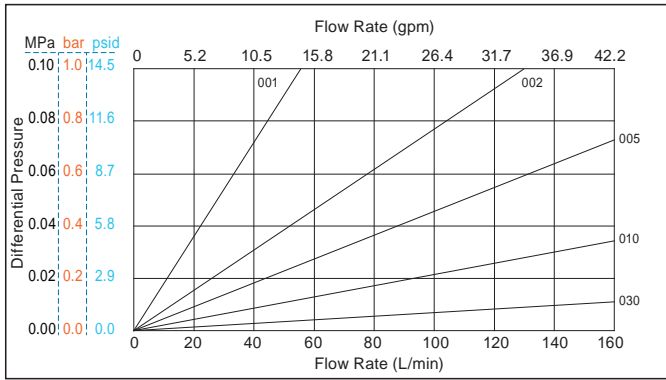
| Product Type | | CTZ | | | | |
|---------------------------------|---------------------------|--------------------------------|-----|------|-----|-----|
| Micron Rating (µm) | | 0.1 | 0.2 | 0.45 | 1.0 | 3.0 |
| Integrity test | | Diffusion Flow test | | | *1 | |
| E.F.A. (m ² / 250mm) | | 1.25 | | | | |
| Dimensions | O.D. (mm) | 83.0 | | | | |
| | I. D. (mm) | 49.0 (for E, W) / 33.5 (for 1) | | | | |
| Materials | Media | Hydrophobic PTFE Membrane | | | | |
| | Support | Polypropylene | | | | |
| | Core, Outer Cage, End Cap | Polypropylene | | | | |
| Maximum ΔP at 20°C (68°F) | | 0.35MPa (3.5bar, 50.7psid) | | | | |
| Maximum Operating Temp. | | 80°C (176°F) | | | | |

*1: Simplified integrity testing of all products.

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

*3 : Q Flow exclusive housings are available. Depending on applications and filtration volume, we are pleased to offer the most suitable product, please contact us for further information.

Flow Rate



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

2 5 0 L - C T Z - 0 1 0

[Nominal Length]
 250 = 250mm
 500 = 500mm
 750 = 750mm
 1000 = 1000mm

[Product Type]

[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 W, 1)
 A = Foamed PTFE (for E)

[End Cap Code]
 E = Double Open Ends
 W = 2-227 O-Ring
 1 = 2-222 O-Ring

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

End Cap Code



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.



Scope: Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.

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