

EX / CS / RS / NS / GS Type

EX Type

Major Applications

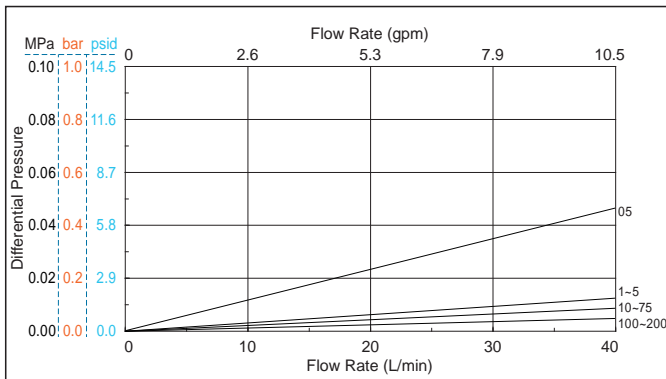
- Industrial water
- Chemical solutions
- Solvents
- Others

Features & Benefits

- Standard economical string wound filter



Flow Rate



Fluid: Refined Water (20°C) 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.

Specification

Product Type		EX										
Micron Rating (µm)		0.5	1.0	3.0	5.0	10	25	50	75	100	150	200
Dimensions	O.D. (mm)	61.0										
	I. D. (mm)	29.5										
Materials	Media	Polypropylene										
	Core	Polypropylene										
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)										
Maximum Operating Temp.		60°C (140°F)										
Adaptable Food Sanitation Standard		All raw materials meet the requirement of FDA 21 CFR *1										

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

* 1 Applicable to only Silicone Gasket and O-Ring for sealant.

CS_{Type}

Major Applications

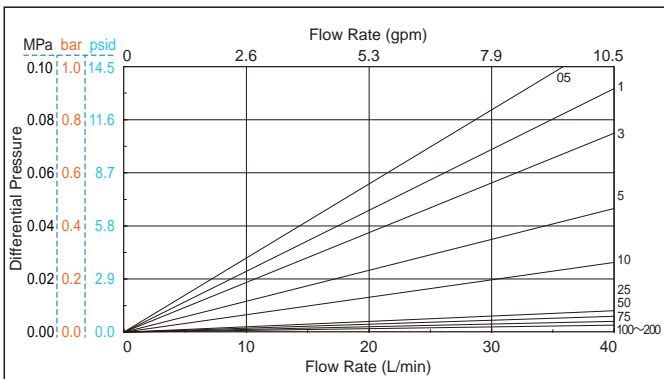
- Beverage and cooking oil
- Chemical solutions
- Organic solvents
- Others

Features & Benefits

- High temperature durability



Flow Rate



Fluid: Refined Water (20°C) 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.

Specification

Product Type	CS										
Micron Rating (µm)	0.5	1.0	3.0	5.0	10	25	50	75	100	150	200
Dimensions	O.D. (mm)	61.0									
	I. D. (mm)	28.5									
Materials	Media	Bleached Cotton									
	Core	SUS304									
Maximum ΔP at 20°C (68°F)	0.49MPa (4.9bar, 71psid)										
Maximum Operating Temp.	120°C (248°F)										

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

* Core materials besides sus304 (Polypropylene, Reinforced polypropylene, Nylon) are available. Please refer to the catalog ECP, ECR, ECN

RS_{Type}

Major Applications

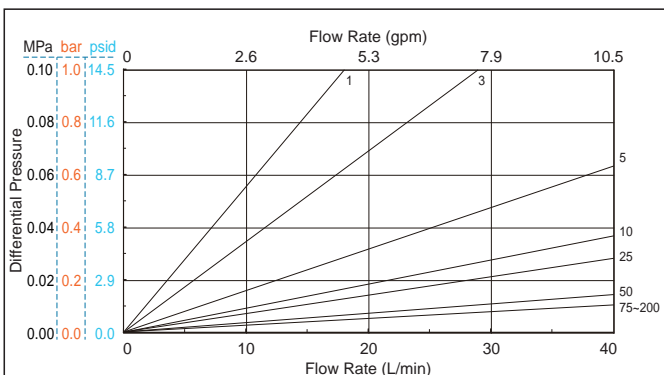
- Oil-base Inks
- Hot oils
- Others

Features & Benefits

- Suitable for high temperature oil and fat products
 - Rayon filter media has the same heat durability and chemical compatibility as cotton media.



Flow Rate



Fluid: Refined Water (20°C) 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.

Specification

Product Type	RS										
Micron Rating (µm)	1.0	3.0	5.0	10	25	50	75	100	150	200	
Dimensions	O.D. (mm)	61.0									
	I. D. (mm)	28.5									
Materials	Media	Viscous Rayon									
	Core	SUS304									
Maximum ΔP at 20°C (68°F)	0.49MPa (4.9bar, 71psid)										
Maximum Operating Temp.	120°C (248°F)										

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

NS_{Type}

Major Applications

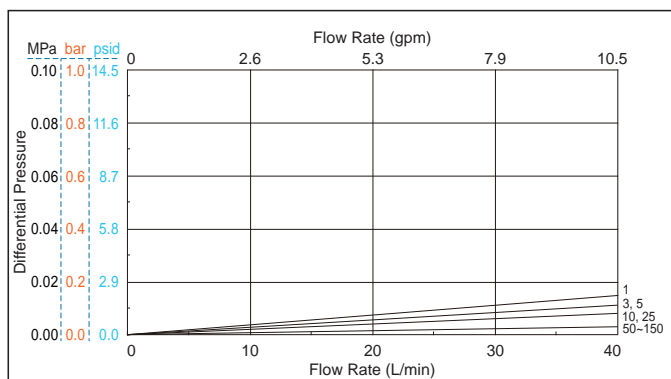
- Organic solvents such as Toluene, Xylene and THF
- Hydrocarbon Chlorinated solvents
- Lubricating oils at a high temperature
- Others

Features & Benefits

- **Suitable for high temperature organic solvent, oil and fat products**
 - Toluene, Xylene, THF, Kerosene and gasoline can be filtered for a long time.



Flow Rate



Fluid: Refined Water (20°C) 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.

Specification

Product Type		NS								
Micron Rating (µm)		1.0	3.0	5.0	10	25	50	75	100	150
Dimensions	O.D. (mm)	61.0								
	I. D. (mm)	28.5								
Materials	Media	Nylon								
	Core	SUS304								
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)								
Maximum Operating Temp.		120°C (248°F)								

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

* Nylon core is also available. Please refer to the VNN catalog.

GS_{Type}

Major Applications

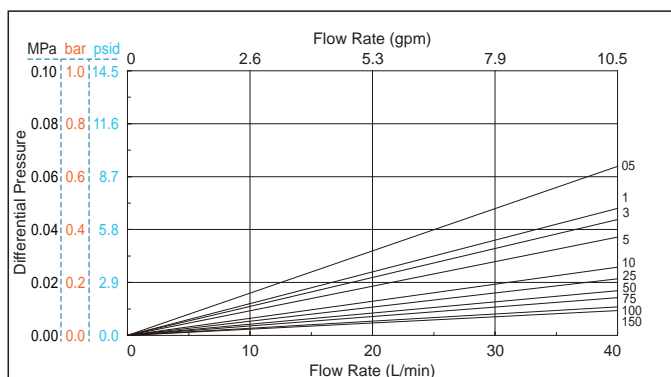
- High-temperature chemical solutions
- Others

Features & Benefits

- **Suitable for high-temperature liquid**
- **Removal of colloidal substances**
 - Colloidal substances can be removed efficiently by the characteristics of the glass fiber media.
- **High flow rate with low differential pressure because of fine fiber diameter**



Flow Rate



Fluid: Refined Water (20°C) 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.

Specification

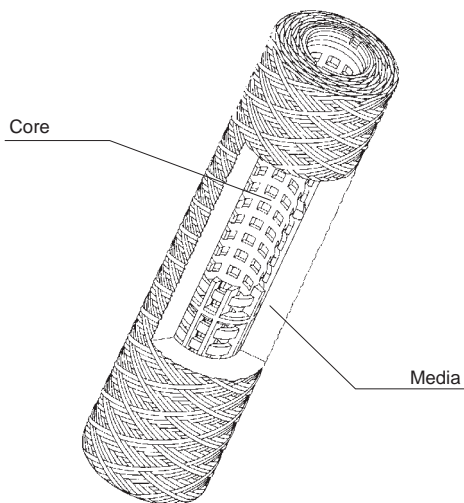
Product Type		GS									
Micron Rating (µm)		0.5	1.0	3.0	5.0	10	25	50	75	100	150
Dimensions	O.D. (mm)	60.0									
	I. D. (mm)	28.5									
Materials	Media	Glass Fiber									
	Core	SUS304									
Maximum ΔP at 20°C (68°F)		0.49 (4.9bar, 71psid)									
Maximum Operating Temp.		200°C (392°F)									

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

Ordering Information

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↓		↓		↓		↓
[Nominal Length]		[Product Type]		[Micron Rating]		[Packaging Code]
125 = 125mm		EX= All Polypropylene		05 = 0.5μm	50 = 50μm	B = 6pcs
250 = 250mm		CS= Cotton + SUS304 Core		1 = 1.0μm	75 = 75μm	C =10pcs
500 = 500mm		RS= Viscous Rayon + SUS304 Core		3 = 3.0μm	100 = 100μm	F =25pcs
750 = 750mm		NS= Nylon 6 + SUS304 Core		5 = 5.0μm	150 = 150μm	
		GS= Glass Fiber + SUS304 Core		10 = 10μm	200 = 200μm	
				25 = 25μm		

Materials of Construction



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.