

VNN Type

(100% Nylon)

Major Applications

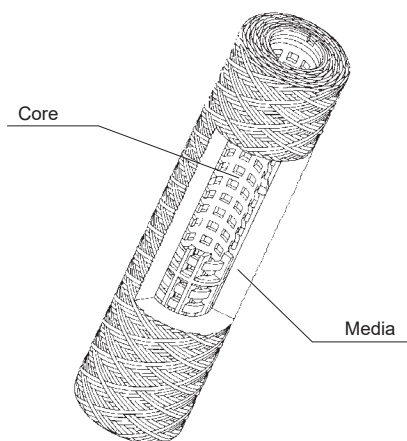
- Volatile oils
- Organic solvents such as toluene, xylene and THF
- Chlorinated solvents
- Lubricating oils at a high temperature
- Others



Features & Benefits

- **Long service life**
 - Contaminations with wide particle distributions can be removed efficiently by whole filter layers because of the density slope construction
- **Suitable for high temperature organic solvent, oil and fat products**
- **No need to be separated when disposing**
 - Nylon core is used instead of stainless steel core.

Materials of Construction



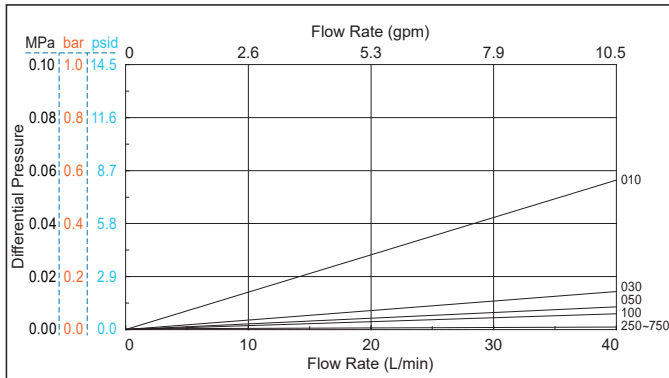
Specification

Product Type		VNN						
Micron Rating (µm)		1.0	3.0	5.0	10	25	50	75
Dimensions	O.D. (mm)	61.0						
	I. D. (mm)	29.5						
Materials	Media	Nylon						
	Core	Nylon						
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 type, etc.), please contact us.

* With regard to ΔP (MPa) at around 120°C, please consult us.

Flow Rate



Fluid: Refined Water (20°C (68°F)) Cartridge Length: 250mm
 * The data does not include piping pressure drop.

Particle Removal Efficiency

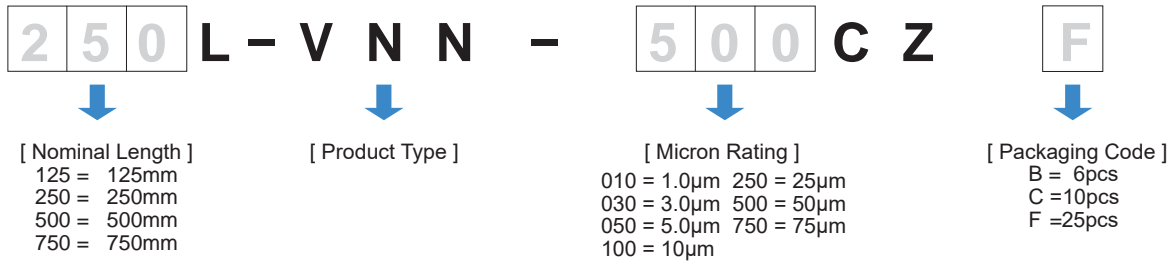
Particle Size(μm)	Particle Removal Efficiency (%)						
	010	030	050	100	250	500	750
1.0	>80						
3.0	>90	>60					
5.0	>99.9	>80	>60				
10.0		>90	>90	>60			
25.0		>99.9	>99.9	>90	>60		
50.0				>90	>80	>80	
75.0				>99.9	>90	>90	>60

<Test Condition>

Equipment: Particle Counter in Liquid
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : Radiolite #800

*The above data is based on our test condition, and is not guaranteed value.

Ordering Information



End Cap Code



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