



Product Features

Stringwound cartridges provide dependable, gradient-density filtration across a wide range of applications, effectively capturing coarse to fine particles for long service life and high dirt-holding capacity. Available in polypropylene, cotton, and glass fibre, they offer strong chemical compatibility and performance in demanding environments.

They are ideal as pre-filters or stand-alone sediment solutions and can be configured in multiple diameters and densities to fit most standard housings. As one of North America's leading manufacturers, we deliver consistent quality backed by expert technical support to help you select the right filter for your system.

Advantages

- Viper Series precision string wound filter cartridges are designed for economy and ease of use.
- Removal ratings are available from 0.5 to 150 micron.
- Six distinct materials of construction assure broad chemical compatibility.
- Core cover options provide added retention and minimize media migration.
- Minimal packaging reduces waste disposal costs.
- FDA listed materials are available for potable water and beverage applications.

Available Ratings

Micron Rating:

0.5
1
5
10
25
50
75
100
150

* Other ratings available upon request

Operating Parameters

Recommended Max. Change-Out Pressure: 35 psid (2.4 bar)

Maximum Operating Temperature:

Between 150-800°F (65-425°C)
depending on material

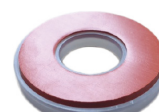
Available End Caps



226



222



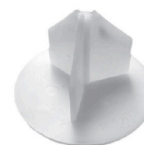
DOE Gasket



Closed



Spring



Fin



Core Extender



Media	Max. Temperature	Applications
N - Natural Cotton	300°F / 150°C	For potable liquids, vegetable oils, beverages, organic solvents, water, dilute acids, petroleum oils, and others
C - Bleached Cotton FDA	300°F / 150°C	Same as Natural Cotton
P - Polyester	250°F / 121°C	Chemical compatibility similar to cotton and polypropylene. Has a higher temperature resistance than polypropylene in most cases
E - Polypropylene	180°F / 82°C	Filtration of organic acids, alkalis, solvents, and many other chemicals. Very effective in low viscosity solutions
S - Polypropylene FDA	180°F / 82°C	Same chemical compatibility as polypropylene but complies with FDA regulations that permit contact with food and edible products
R - Rayon	300°F / 150°C	Chemical compatibility similar to cotton. Used primarily in filtration of petroleum oils
NO - Nylon	300°F / 150°C	Strong chemical resistance typically used for vegetable oils and organic solvents

Cores	Max. Temperature	Characteristics
E - Polypropylene FDA	180°F / 82°C	For lower temperature applications of corrosive fluids and gases. Easily incinerated to a trace of ash
S - Tinned Steel	375°F / 191°C	General purpose applications
4 - 304 Stainless Steel	750°F / 399°C	For High Temperature dilute acids and moderately corrosive fluids
6 - 316 Stainless Steel	750°F / 399°C	For high temperature applications and highly corrosive fluids

Gaskets & O-Rings	Max. Temperature	Applications
B - Buna	300°F / 150°C	Very good resistance to water, alkalis, and many acids. Poor resistance to oils, gasoline, and most solvents (except oxygenated).
V - Viton	450°F / 232°C	Can be used at high temperature with many fuels, lubricants, hydraulic fluids, and solvents
T - Teflon	500°F / 260°C	Excellent resistance to almost all chemicals and solvents. Good heat resistance, exceptionally good low temperature properties.
S - Silicone	600°F / 316°C	Excellent heat resistance. Fair water resistance, poor resistance to steam at high pressures. Fair to good acid and alkali resistance, poor resistance to oils and solvents.
N - Neoprene	250°F / 121°C	Good resistance to non-aromatic petroleum, fatty oils, solvents (except aromatic, chlorinated or ketone types). Good water and alkali resistance, fair acid resistance.
E - EPDM	300°F / 150°C	Very good water resistance. Excellent resistance to oils and gasoline. Fair to good resistance to acids and alkalis.

PRODUCT IDENTIFICATION

Viper Series	Media Material	Length	Core Material	Micron Rating (µm)	Diameter	Core Cover	Extended Core
VP	ZF	10	U	100	ST	C	X
VP	ZF= Polypropylene ZFX= Premium polypropylene YC= Cotton YCX= Premium cotton H= Rayon K= Fibreglass	097= 9.75" 100= 10.0" 195= 19.5" 200= 20.0" 295= 29.5" 300= 30.0" 395= 39.5" 400= 40.0"	U= Polypropylene T= Tin A= 304 stainless steel S= 316 stainless steel	.5 1 5 10 25 50 75 100 150	ST= 2.5" BB= 4.5" * Diameters up to 6" available	C	X

* Custom options available upon request



CANADA WEST

3247 Roper Road NW
Edmonton, AB T6P 0G1
1-877-456-5760
saleswc@vytal.ca
www.vytal.ca

CANADA EAST

441 Applewood Crescent
Concord, ON L4K 4J3
1-888-233-1969
salesec@vytal.ca
www.vytal.ca

USA

345 E Tulare Ave
Visalia, CA 93277
1-424-222-7619
saleswusa@vytalusa.com
www.vytalusa.com