



Stringflex™ Series UF-250

Wound Depth FILTER CARTRIDGES

Stringflex™ Series UF-250 Wound Depth Cartridges are available in a comprehensive selection of filter media and core materials, are effective for a wide range of demanding low to high-temperature commercial and industrial applications. For high performance filtration and long life with minimal fiber migration, choose Stringflex™ wound depth cartridges.

APPLICATIONS

- Chemicals
- Edible Oils
- Electronics
- Food and Beverage
- Inks
- Oil and Gas
- Petrochemicals
- Plating
- Pre-filter for RO Systems

CARTRIDGE OPERATION

Stringflex™ Cartridges are manufactured using precise winding techniques to create a diamond pattern that traps particulates and maintains uniform micron retention throughout the length of the cartridge. This unique construction delivers true depth filtration with optimal cartridge life while minimizing downtime for equipment repair or replacement to maximize profitability.

Choose the micron rating, media and core material that suits your applications. Various o-rings, lengths and endcap options are available.

FEATURES

- Available in 2.5-inch diameter
- Available in natural, bleached or FDA-approved cotton, polypropylene and fiberglass
- Bleached cotton and polypropylene cartridges are FDA-listed
- Choice of core material, o-rings, lengths and endcaps
- Nominal 90% efficiency from 0.5 micron to 400 microns
- Optional core covers on selected cartridges
- Media selection provides broad compatibility
- Suitable for low to high temperature applications
- Excellent particulate reduction with true depth filtration
- Fits in most competitive vessel models
- Extended cartridge life maximizes profitability
- Minimal fiber migration
- FDA-listed materials deliver potable water; permit contact with food products

FILTER MEDIA AND CORE SELECTION GUIDE

	Maximum Temperature	Applications
Fiber Media		
Natural Cotton	300°F (149°C)	Organic solvents, water, dilute acids, petroleum oils and other solvents
Bleached Cotton	300°F (149°C)	Same applications as natural cotton and also potable liquids, vegetable oils and beverages
Fiberglass	750°F (400°C)	Organic acids, organic solvents, petroleum oils, mineral acids, and other corrosive or high temperature services
Polypropylene	180°F (82°C)	Same chemical compatibility as polypropylene, fiber complies with FDA regulation that permits contact with food and edible products
Core		
Tinned Steel	400°F (204°C)	General purpose applications
Polypropylene	180°F (82°C)	Lower temperature applications of corrosive fluids and gases; easily incinerated to trace of ash
304 Stainless Steel	750°F (400°C)	High temperature diluted acids and moderately corrosive fluids



**Pentair
Industrial**

Stringflex™ Series UF-250 Filter Cartridges

ORDERING INFORMATION

Custom configurations available; please contact Customer Service.

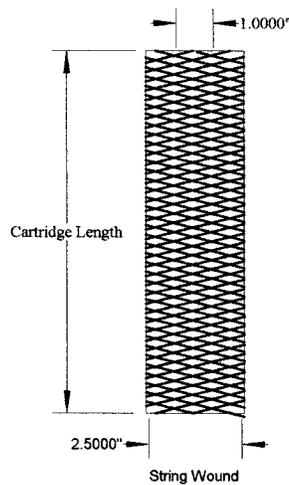
STRINGFLEX™	MICRON RATING	LENGTH (IN.)	DIAMETER (IN.)	CORD MATERIAL	CORE MATERIAL	ENDCAP MATERIAL	ENDCAP STYLE	SEAL MATERIAL
UF	0.5, 1, 3, 5, 10, 20, 25, 30, 50, 75, 100, 200, 250, 400	9.75 = 9 10 20 30 40	2.5 = B	Polypropylene = P Natural Cotton = C Bleached Cotton FDA = B Fiberglass = F	Polypropylene = P Tin = T Steel = S	Polypropylene = P None = X	DOE = D 222 Flat = S2 222 Fin = F2 226 Flat = S6 226 Fin = F6	Buna-N® = B Polypropylene = P None = X

DIMENSIONS AND CONSTRUCTION

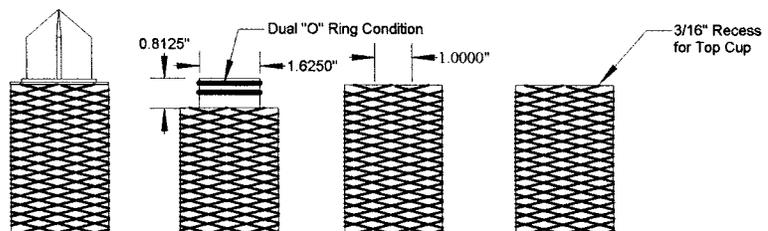
Stringflex™ Series UF-250	
Diameter (Inches)	2.5
Length (Inches)	9.75
	10
	20
	30
	40
Cord Material	P, C, B, F
Center Core	P, T, S
Endcap	P
Endcap Style	DOE
	222 FIN
	222 Flat
	226 FIN
	226 Flat
Seal	B, P

Cartridge Availability Key	
P	Polypropylene
B	Bleached Cotton
C	Natural Cotton
F	Fiberglass
T	Tin
SS	304 Stainless Steel
B	Buna-N®

CARTRIDGE DIAGRAM



END CONFIGURATIONS



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