



Stringflex™ Series UF-450

Wound Depth FILTER CARTRIDGES

Stringflex™ Series UF-450 Wound Depth Cartridges, 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 for 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

- 4.5-inch diameter
- FDA-approved polypropylene and fibrillated polypropylene
- Nominal 90% efficiency from 0.5 micron to 100 microns
- Media selection provides broad compatibility
- Suitable for low-to-high-temperature applications
- Excellent particulate reduction with true depth filtration
- Extended cartridge life
- Minimal fiber migration
- FDA-listed materials

FILTER MEDIA AND CORE SELECTION GUIDE

	Maximum Temperature	Applications
Media		
Polypropylene	180° F (82.2° C)	Same chemical compatibility as polypropylene, fiber complies with FDA regulation that permits contact with food and edible products
Core		
Polypropylene	180° F (82.2° C)	Lower temperature applications of corrosive fluids and gases; Easily incinerated to trace of ash

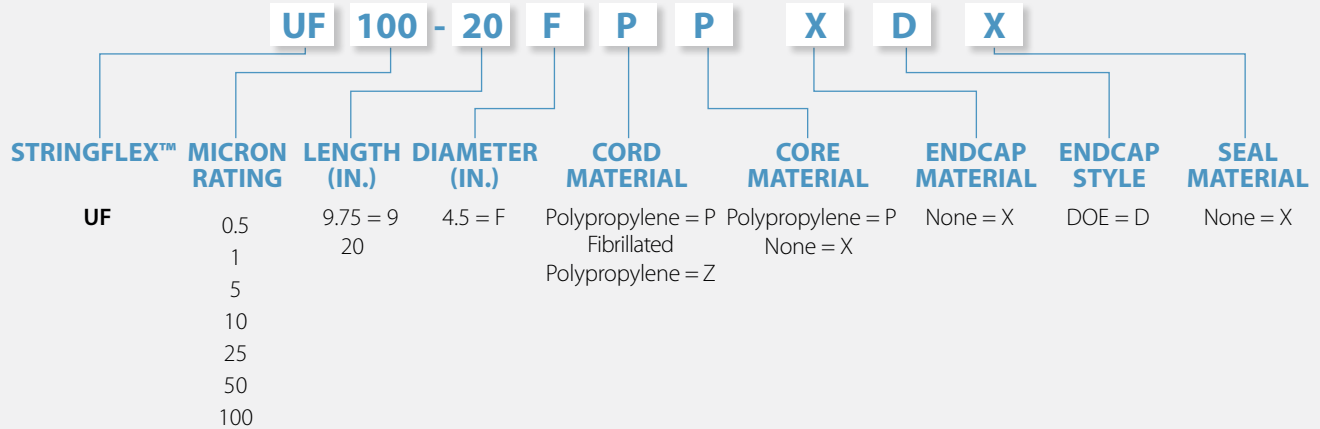


**Pentair
Industrial**

Stringflex™ Series UF-450 Filter Cartridges

ORDERING INFORMATION

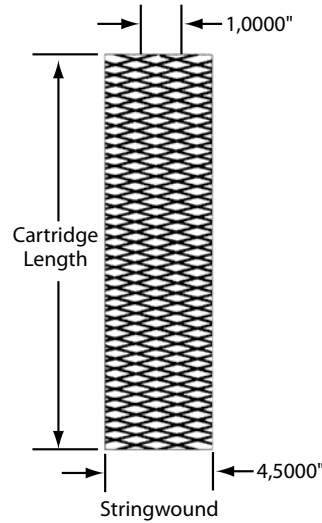
Custom configurations available; please contact Customer Service.



DIMENSIONS AND CONSTRUCTION

Stringflex™ Series UF-450	
Diameter (Inches)	4.5
Length (Inches)	9.75 •
	20 •
	30
	40
Cord Material	P, Z
Center Core	P
Endcap	
Endcap Style	DOE •
	222 FIN
	222 Flat
	226 FIN
	226 Flat
Seal	

CARTRIDGE DIAGRAM



Cartridge Availability Key	
P	Polypropylene
Z	Fibrillated Polypropylene



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