

INDUSTRIAL STRINGFLEX SERIES

WOUND DEPTH CARTRIDGES



Industrial® Stringflex Series Wound Depth Cartridges are effective for a wide range of demanding low to high-temperature commercial and industrial applications. Available in a wide variety of filter media and core materials, Stringflex Cartridges provide high performance filtration and long life with minimal fiber migration.

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.

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

FEATURES/BENEFITS

- Suitable for low to high temperature applications
- Excellent particulate reduction with true depth filtration
- Extended cartridge life maximizes profitability
- Minimal fiber migration
- Available in natural, bleached or FDA-listed cotton, polypropylene and fiberglass cord materials

- Bleached cotton cartridges are manufactured with FDA-listed materials
- Choice of core material, O-rings, lengths and endcaps
- 2.5" (64 mm) diameter

APPLICATIONS

- Commercial
- General Industrial
- High Corrosion

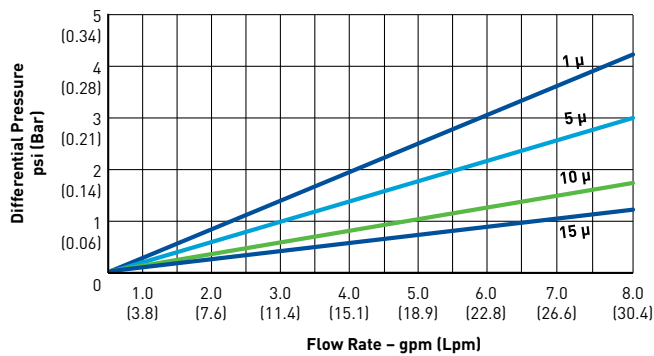
- High Pressure
- High Temperature
- Hydraulic

	MAXIMUM TEMPERATURE	APPLICATIONS
FIBER MEDIA		
Natural cotton	300°F (149°C)	Organic solvents, water, dilute acids, petroleum oils and other solvents
Bleached cotton (FDA)	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
Polypropylene	180°F (82°C)	Filtration of organic acids, alkalies, solvents and many other chemicals. Very effective in low viscosity solutions.
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

CARTRIDGE SPECIFICATIONS

Recommended Change-Out	25 PSID (1.7 bar)
Internal OD:	1" (25 mm) nominal
Outer OD:	2.5" (64 mm) nominal
Max. Differential Pressure at Ambient Temp.	60 psi (4.1 bar)

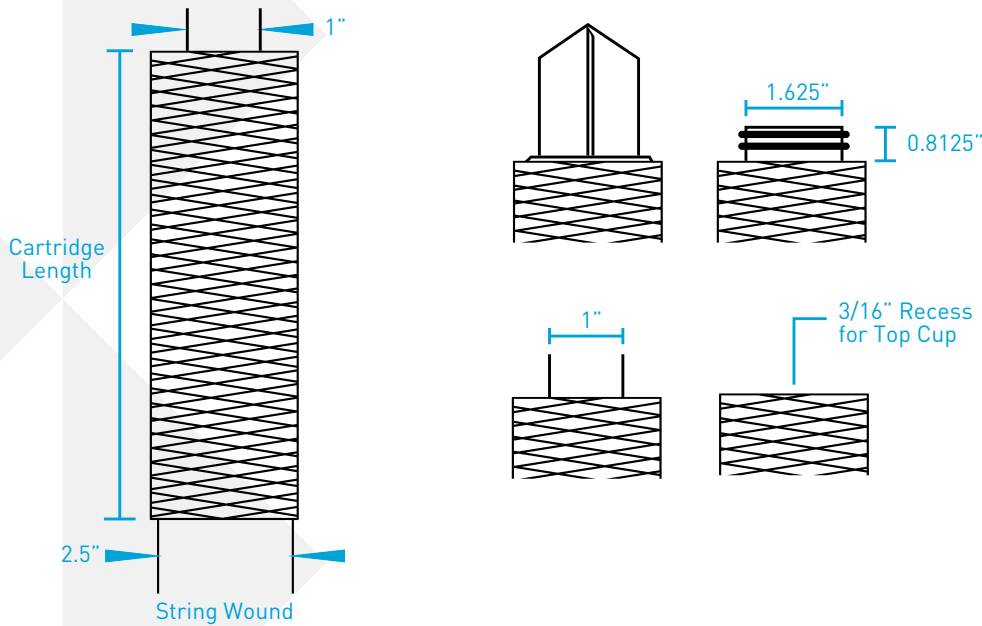
PRESSURE DROP VS FLOW RATE



CASE QUANTITY

SIZE	CASE QUANTITY
10"	30
20"-50"	15

CARTRIDGE DIAGRAMS



ORDERING INFORMATION

To create your ordering part number, use the part number configurator below.
 Custom configurations available. Please contact customer service.

EXAMPLE: UF20-20BTPS2B

Stringflex Filter Cartridge (UF)
 20-micron rating [20], 20" length [20], 2.5" diameter [B], Polypropylene cord [P]
 Tinned steel core [T], Polypropylene endcap [P], 222 Flat [S2], Buna-N seal [B]

STRINGFLEX	μ (NOMINAL)	LENGTH (IN.)	DIAMETER (IN.)	CORD MATERIAL	CORE MATERIAL	ENDCAP MATERIAL	ENDCAP STYLE	SEAL MATERIAL
UF	0.5*	30	B = 2.5	P = Polypropylene C = Natural Cotton B = Bleached Cotton FDA F = Fiberglass	P = Polypropylene T = Tinned Steel SS = Stainless Steel	P = Polypropylene X = None	D = DOE S2 = 222 Flat F2 = 222 Fin S6 = 226 Flat F6 = 226 Fin S4 = Polypropylene Core Extender	B = Buna-N S = Silicone E = EPDM V = FKM X = None

*Not intended for the removal of microbial pests including virus, bacteria and cysts.



WATER QUALITY SYSTEMS

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