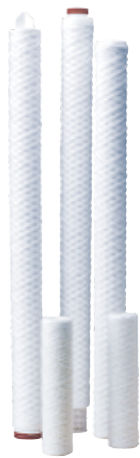


INDUSTRIAL STRINGFLEX SERIES WOUND DEPTH CARTRIDGES



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

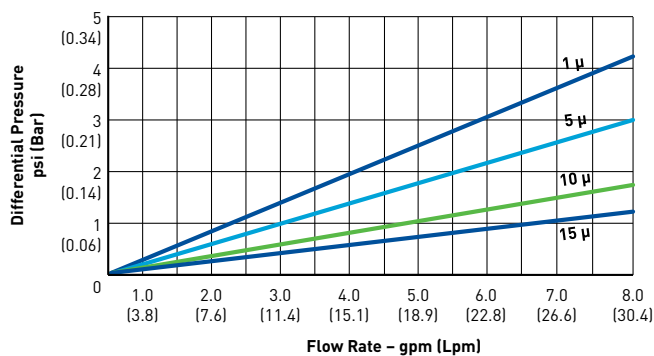
High Pressure
High Temperature
Hydraulic

| | 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) |

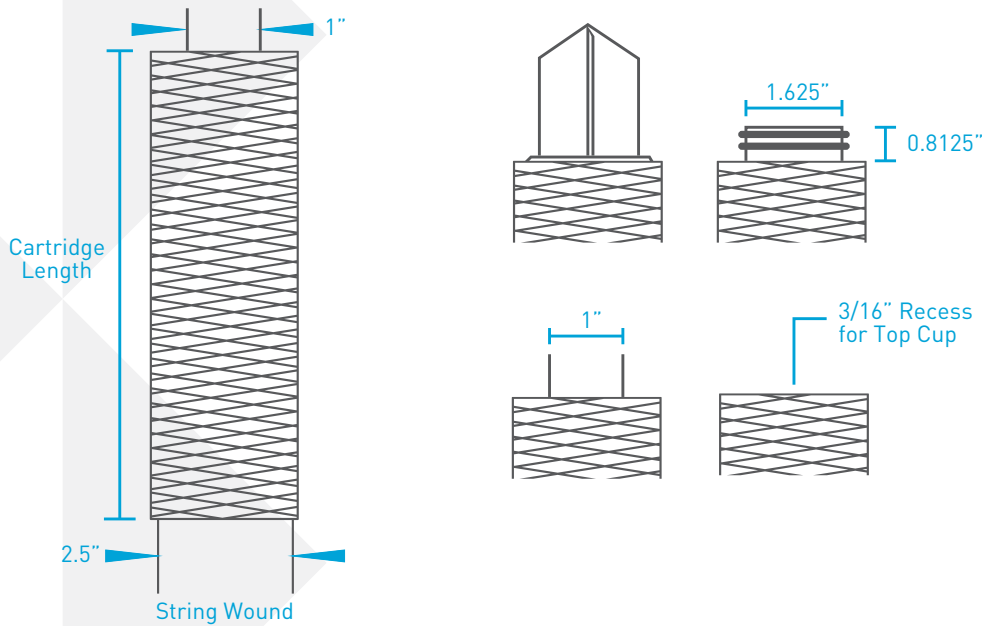
PRESSURE DROP VS FLOW RATE



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 | LENGTH (IN.) | DIAMETER (IN.) | CORD MATERIAL | CORE MATERIAL | ENDCAP MATERIAL | ENDCAP STYLE | SEAL MATERIAL | |
|------------|------|--------------|----------------|---------------|---|---|-------------------------------|---|---|
| UF | 0.5* | 30 | 9.75 | 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.



FILTRATION & PROCESS

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