

## INDUSTRIAL CELLFLEX SERIES

### PLEATED CELLULOSE POLYESTER W/ PLASTISOL ENDCAP CARTRIDGES

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Industrial<sup>®</sup> Cellflex Series heavy duty cartridges are manufactured from a unique blend of materials to provide a higher wet strength than standard cellulose cartridges. They also provide high flow rates and dirt-holding capacity while maintaining extremely low pressure drop.

Cellflex Series are built with the media pleated around a polypropylene core for added strength. The ends are immersed in a thermo-setting vinyl plastisol. Embedding and sealing each end of the pleat block in this fashion fuses the components together, forming a unified endcap and gasket.

#### FEATURES/BENEFITS

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High flow rates and dirt-holding capacity

Contain more media surface area than most competitive cartridges

Provides higher wet strength than regular cellulose cartridges

Made with a special formulation of resin-impregnated cellulose and polyester fibers

Low pressure drop

Available in 2.5" and 4.5" diameters

Plastisol endcaps

#### APPLICATIONS

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Chemicals

Pharmaceuticals

Electronics

Photographic

Magnetic Media

Water

Oil and Gas

## CARTRIDGE SPECIFICATIONS

Filter Media Cellulose Polyester

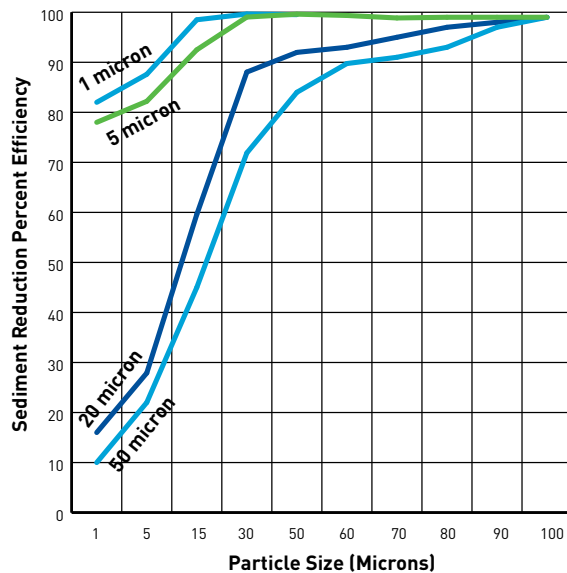
Temp. Rating 40°-125°F  
(4.4°-51.7°C)

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

| MODEL       | MAX. DIMENSIONS                 | μ (NOMINAL) | INITIAL PSI @ FLOW RATE             |
|-------------|---------------------------------|-------------|-------------------------------------|
| CEF1-9.75B  | 2.625" x 9.75" (67 mm x 248 mm) | 1           | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF5-9.75B  | 2.625" x 9.75" (67 mm x 248 mm) | 5           | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF20-9.75B | 2.625" x 9.75" (67 mm x 248 mm) | 20          | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF50-9.75B | 2.625" x 9.75" (67 mm x 248 mm) | 50          | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF1-20B    | 2.625" x 20" (67 mm x 508 mm)   | 1           | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF5-20B    | 2.625" x 20" (67 mm x 508 mm)   | 5           | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF20-20B   | 2.625" x 20" (67 mm x 508 mm)   | 20          | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF50-20B   | 2.625" x 20" (67 mm x 508 mm)   | 50          | <1 psi @ 10 gpm (<0.1 bar @ 38 Lpm) |
| CEF1-9.75F  | 4.5" x 9.75" (114 mm x 248 mm)  | 1           | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF5-9.75F  | 4.5" x 9.75" (114 mm x 248 mm)  | 5           | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF20-9.75F | 4.5" x 9.75" (114 mm x 248 mm)  | 20          | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF50-9.75F | 4.5" x 9.75" (114 mm x 248 mm)  | 50          | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF1-20F    | 4.5" x 20" (114 mm x 508 mm)    | 1           | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF5-20F    | 4.5" x 20" (114 mm x 508 mm)    | 5           | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF20-20F   | 4.5" x 20" (114 mm x 508 mm)    | 20          | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |
| CEF50-20F   | 4.5" x 20" (114 mm x 508 mm)    | 50          | <1 psi @ 20 gpm (<0.1 bar @ 76 Lpm) |

\*Based on manufacturer's internal testing  
Custom configurations available. Please contact customer service.

## CARTRIDGE EFFICIENCY



## CASE QUANTITY

| 2.5" (64mm) |      | 4.5" (114mm) |      |
|-------------|------|--------------|------|
| LENGTH      | QTY. | LENGTH       | QTY. |
| 9.75"       | 24   | 9.75"        | 8    |
| 20"         | 14   | 20"          | 6    |
| 30" & 40"   | 20   |              |      |

## ORDERING INFORMATION

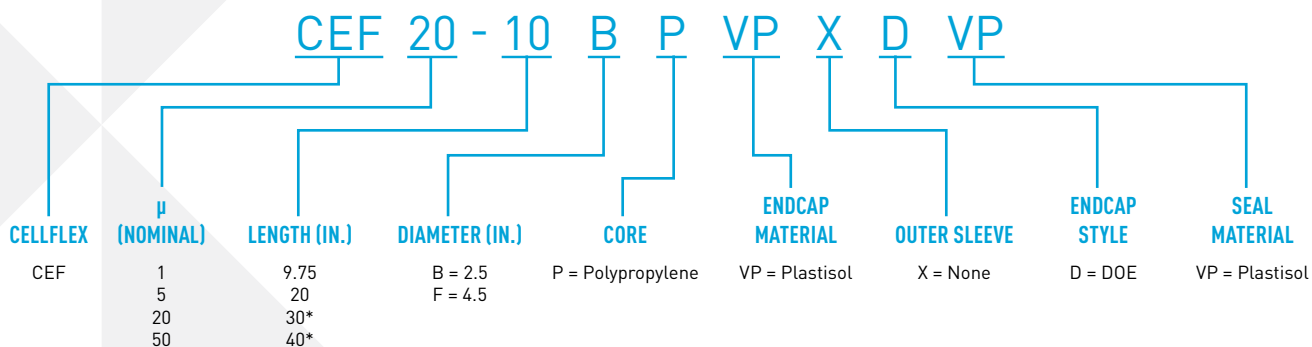
To create your ordering part number, use the part number configurator below.  
*Custom configurations available. Please contact customer service.*

### EXAMPLE: CEF20-10BPVPXDVP

Cellflex Filter Cartridge (CEF)

20-micron rating (20), 10" length (10), 2.5" diameter (B), Polypropylene core (P)

Plastisol endcaps (VP), No outer sleeve (X), Double-open-ended style (D), Plastisol seal (VP)



\*2.5" diameter only



**WATER QUALITY SYSTEMS**

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209

P: 262.238.4400 | F: 262.238.4404

PENTAIRINDUSTRIAL.COM

CUSTOMER CARE: 800.279.9404 | tech-support@pentair.com

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