## FH-Series Sanitary Housings

#### Applications

• Used for separating solid matter from liquids in the food processing, beverage, dairy, wineries and breweries, personal care products, and chemical markets

#### Sizes

- Port connection: 1" 4"
- Number of elements: 1, 3, 5, 7, 12, and 21
- Cartridge element lengths: 10", 20", 30", and 40"

#### Features

- Single-cartridge element housings utilize a heavy-duty stainless clamp closure for ease of element changes
- Multiple cartridge element housings feature a swing bolt closure to ensure positive sealing
- High purity construction assures dependable protection for critical process applications
- Custom OEM designs available
- · Large variety of cartridge elements available to meet your application needs

#### **Materials**

- Product contact: 316L Stainless Steel
- 32R OD polish; 25R ID polish
- · Silicone O-ring seals standard; FKM and EPDM optional

#### Specifications

- 150 PSI working pressure at 300°F (149°C)
- 1½" clamp vent/gauge connection standard
- ½" clamp drain connection standard
- 222 or 226 cartridge elements
- Clamp connections standard; for optional connections call Dixon Group Canada Limited

| # of<br>Elements | Element<br>Length | Element<br>Type | Connection<br>Size | Connections<br>Type | Seal<br>Material | Part #        |
|------------------|-------------------|-----------------|--------------------|---------------------|------------------|---------------|
| 1                | 10"               | 222             | 1"                 | Clamp               | Silicone         | FH-1-10A10CS  |
| 1                | 20"               | 222             | 1"                 | Clamp               | Silicone         | FH-1-20A10CS  |
| 1                | 30"               | 222             | 1"                 | Clamp               | Silicone         | FH-1-30A10CS  |
| 3                | 30"               | 222             | 2"                 | Clamp               | Silicone         | FH-3-30A20CS  |
| 5                | 30"               | 222             | 2"                 | Clamp               | Silicone         | FH-5-30A20CS  |
| 7                | 30"               | 222             | 2"                 | Clamp               | Silicone         | FH-7-30A20CS  |
| 12               | 30"               | 222             | 3"                 | Clamp               | Silicone         | FH-12-30A30CS |
| 1                | 10"               | 226             | 1"                 | Clamp               | Silicone         | FH-1-10B10CS  |
| 1                | 20"               | 226             | 1"                 | Clamp               | Silicone         | FH-1-20B10CS  |
| 1                | 30"               | 226             | 1"                 | Clamp               | Silicone         | FH-1-30A10CS  |
| 3                | 30"               | 226             | 2"                 | Clamp               | Silicone         | FH-3-30B20CS  |
| 5                | 30"               | 226             | 2"                 | Clamp               | Silicone         | FH-5-30B20CS  |
| 7                | 30"               | 226             | 2"                 | Clamp               | Silicone         | FH-7-30B20CS  |
| 12               | 30"               | 226             | 3"                 | Clamp               | Silicone         | FH-12-30B30CS |

Part number key on reverse side.







## **Dixon Group Canada Limited**



| Dixon Filter Housing<br>Part Number Key |      | Filter  | Element<br>Quantity |   | Element<br>Length | Element<br>Type | Connection<br>Size | Connection<br>Type | Seat<br>Material |
|---|------|---------|---------------------|---|-------------------|-----------------|--------------------|--------------------|------------------|
|   |      | FH-     | 1                   | - | 10                | Α               | 10                 | С                  | S                |
| Element Quantity                        | Code |         |                     |   |                   |                 |                    |                    |                  |
| 1                                       | 1    |         |                     |   |                   |                 |                    |                    |                  |
| 3                                       | 3    |         |                     |   |                   |                 |                    |                    |                  |
| 5                                       | 5    |         |                     |   |                   |                 |                    |                    |                  |
| 7                                       | 7    |         |                     |   |                   |                 |                    |                    |                  |
| 12                                      | 12   |         |                     |   |                   |                 |                    |                    |                  |
| 21                                      | 21   |         |                     |   |                   |                 |                    |                    |                  |
| Element Length                          | Code |         |                     |   |                   |                 |                    |                    |                  |
| 10"                                     | 10   | ◀       |                     |   |                   |                 |                    |                    |                  |
| 20"                                     | 20   |         |                     |   |                   |                 |                    |                    |                  |
| 30"                                     | 30   |         |                     |   |                   |                 |                    |                    |                  |
| 40"                                     | 40   |         |                     |   |                   |                 |                    |                    |                  |
| Element Type                            | Code |         |                     |   |                   |                 |                    |                    |                  |
| 222                                     | Α    | ◀       |                     |   |                   |                 |                    |                    |                  |
| 226                                     | В    |         |                     |   |                   |                 |                    |                    |                  |
| Connection Size                         | Code |         |                     |   |                   |                 |                    |                    |                  |
| 1″                                      | 10   | ◀       |                     |   |                   |                 |                    |                    |                  |
| 1½″                                     | 15   |         |                     |   |                   |                 |                    |                    |                  |
| 2"                                      | 20   |         |                     |   |                   |                 |                    |                    |                  |
| 3″                                      | 30   |         |                     |   |                   |                 |                    |                    |                  |
| 4"                                      | 40   |         |                     |   |                   |                 |                    |                    |                  |
| Connection Type                         | Code |         |                     |   |                   |                 |                    |                    |                  |
| Clamp                                   | С    |         |                     |   |                   |                 |                    |                    |                  |
| Others available                        |      |         |                     |   |                   |                 |                    |                    |                  |
| Seal Material                           | Code |         |                     |   |                   |                 |                    |                    |                  |
| Silicone (standard)                     | S    | <b></b> |                     |   |                   |                 |                    |                    |                  |
| FKM                                     | V    |         |                     |   |                   |                 |                    |                    |                  |
| EPDM                                    | E    |         |                     |   |                   |                 |                    |                    |                  |

NOTE: Cartridge elements are not included with the filter housings and must be ordered separately.

There are many more options, including industrial housings. Please call Dixon Group Canada Limited 877.963.4966 for further information.

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## FH-Series Industrial Filter Housings

## FH-CSB-Series Clamp Single Bag Housing

#### Sizes

• #1, #2, #3, #4, and #12

#### Features

- Heavy duty stainless clamp closure with ergonomic grip allows for tool free bag changes
- Differential/vent connections
- · Finish: acid wash with electropolish exterior

#### Materials

- 304, 316, or 316L stainless steel
- · 316 stainless steel restrainer basket with 9/64" perforations
- Stainless adjustable legs
- Standard EPDM O-ring seal

#### Specifications

• 150 PSI design pressure; 100 PSI operating pressure

### FH-CM-Series Clamped Multi-Bag Housing

#### Features

- Holds 2 to 12 filter bags
- RAPID-LOK Quick clamp opening mechanism for fast bag changes
- · Counter balanced spring assist lift for ease of operation
- Differential/drain/vent connections
- · Stainless 3-point bag locks for positive sealing
- · Recessed lip prevents spills during bag changes

#### **Materials**

- · Carbon steel, 304 or 316L stainless steel
- Industry size #2 316 stainless steel restrainer baskets with 9/64" perforations
- Standard buna-N seals
- Finish: 2-part epoxy on carbon steel / passivation and glass bead on 304 and 316 stainless steel

#### Specifications

- 150 PSI maximum working pressure
- Hydro-tested at 225 PSI
- ANSI 150# R.F. flanged connections (others available on request)

### FH-BMB-Series Bolted Multi-Bag Housing

#### **Features**

- · Holds 2 to 23 filter bags
- Eye-nut/swing bolt closure for high pressure safety
- · Davit lift cover with bearing assist for ease of operation
- Differential/drain/vent connections
- · Stainless 3-point bag locks for positive sealing
- · Recessed lip prevents spills during bag changes

#### Materials

- Carbon steel, 304 or 316 stainless steel
- Industry size #2 316 stainless steel restrainer baskets with 9/64" perforations
- Standard buna-N seals
- Finish: 2-part epoxy on carbon steel / passivation and glass bead on 304 and 316 stainless steel

### Specifications

- 150 PSI maximum working pressure
- Hydro-tested at 225 PSI
- ANSI 150# R.F. flanged connections (others available on request)



BMB-Series

**CSB-Series** 

## **Dixon Group Canada Limited**

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CM-Series



## FH-CM-Series Clamped Multi-Round Cartridge Element Housings

#### **Features**

- Heavy duty stainless clamp closure with ergonomic grip allows for tool free cartridge changes
- Accepts 10" thru 40" length elements (2-3/4" OD maximum) universal cups and compression top
  plate accepts DOE, 222-Flat, or 222-Fin style cartridges
- Differential/drain/vent connections
- Finish: acid wash with electropolish exterior

#### Materials

- 304, 316, or 316L stainless steel
- Standard EPDM O-ring seals

#### Specifications

- 150 PSI design pressure
- 300°F (148°C) maximum temperature



**CM-Series** 

### FH-BM-Series Bolted Multi-Round Cartridge Element Housings

#### Features

- · Heavy duty eye bolt closure for positive sealing and safety
- · Accepts 10" thru 40" length elements (2-3/4" OD maximum)
- · Universal cups and compression top plate accepts DOE, 222-Flat, or 222-Fin style cartridges
- · Bearing assist davit lift cover on all housings over 22 elements
- · Differential/drain/vent connections standard
- · Finish: passivated with bead blast finish

#### Materials

- · Carbon steel, 304 or 316 stainless steel
- Standard buna-N O-ring seals

#### Specifications

- 150 PSI design pressure
- 300°F (148°C) maximum temperature

FH-CS-Series Clamped Single Cartridge Element Housings

#### Features

- · Heavy duty clamp closure for tool free element changes
- Standard design accepts DOE and 222 style cartridges (2-3/4" OD maximum)
- · 316 stainless steel ergonomic threaded nut accommodates different length elements
- (9-3/4" vs. 10", etc.)
- Drain/vent connections
- · Finish: passivated with bead blast finish

#### Materials

- · 304, 316, or 316L stainless steel
- EPDM O-ring seals
- Stainless mounting bracket standard

#### Specification

• 150 PSI maximum working pressure



**CS-Series** 

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**BM-Series** 

## DF-Series Cartridge Elements

## Melt Blown Quad Pro Series Cartridge Elements

#### Sizes

- Diameters: 2½" (standard) or 4½"
- · Cartridge element lengths: 9.75" to 50"

#### Features

- FDA title 21 compliant
- No glue or binders
- Low pressure drop
- · 4 zone technology within cartridge allows for high dirt loading
- · Available in industry standard end connections

#### **Materials**

- · Cartridge element: polypropylene
- Gasket/O-ring: Buna, FKM, PTFE, silicone, neoprene, EPDM, and Polyfoam; no selection required for double open ended (DOE) cartridge elements

#### Specifications

- Maximum forward differential pressure: 40 PSID (1.7 bar) at 155°F (66°C)
  - 60 PSID (3.4 bar) at 86°F (30°C)
- · Recommended change out differential pressure: 35 PSID (2.4 bar)
- Micron ratings: 1, 5, 10, 20, 25, 30, 50, 75, and 100

| Element<br>Length | Style        | Micron | Materials     | Case<br>Qty | Part #     |
|-------------------|--------------|--------|---------------|-------------|------------|
| 10"               | DOE / 4-Zone | 1      | Polypropylene | 30          | DF-BEKS2S1 |
| 10"               | DOE / 4-Zone | 10     | Polypropylene | 30          | DF-BEOS2S1 |
| 10"               | DOE / 4-Zone | 50     | Polypropylene | 30          | DF-BEUS2S1 |
| 10"               | DOE / 4-Zone | 100    | Polypropylene | 30          | DF-BETS2S1 |
| 20"               | DOE / 4-Zone | 1      | Polypropylene | 15          | DF-BEKS5S1 |
| 20"               | DOE / 4-Zone | 10     | Polypropylene | 15          | DF-BEOS5S1 |
| 20"               | DOE / 4-Zone | 50     | Polypropylene | 15          | DF-BEUS5S1 |
| 20"               | DOE / 4-Zone | 100    | Polypropylene | 15          | DF-BETS5S1 |
| 30"               | DOE / 4-Zone | 1      | Polypropylene | 15          | DF-BEKS7S1 |
| 30"               | DOE / 4-Zone | 10     | Polypropylene | 15          | DF-BEOS7S1 |
| 30"               | DOE / 4-Zone | 50     | Polypropylene | 15          | DF-BEUS7S1 |
| 30"               | DOE / 4-Zone | 100    | Polypropylene | 15          | DF-BETS7S1 |

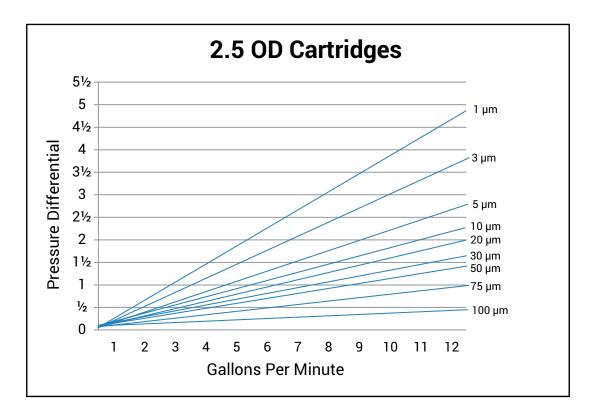




## **Dixon Group Canada Limited**



### **Quad Pro Flow Rates vs. Differential Pressure Chart**



NOTE: This chart exemplifies normal flow rate for a cartridge length of 10" with water at an ambient temperature as the test fluid. Cartridge length does not cause change in differential pressure, but increasing flow across the housing does.

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| Dixon Melt Blown Filter<br>Part Number Key |        | Filter<br>DF-   | Type<br>B | Core Material<br>E      | Micron<br>K | Diameter<br>S | Length<br>2 | Series<br>S | End Cap | Gasket/O-Rin |
|--|--------|---|-----------|-------------------------|-------------|---------------|-------------|-------------|---------|--------------|
| Filter Type                                | Code   |   |           |                         |             |               | Ī           | Ī           |         |              |
| Melt blown                                 | В      | ◄   |           |                         |             |               |             |             |         |              |
| Core Material                              | Code   |   |           |                         |             |               |             |             |         |              |
| Polypropylene                              | E      |   |           |                         |             |               |             |             |         |              |
| Micron                                     | Code   |   |           |                         |             |               |             |             |         |              |
| 1  | К      | ◄   |           |                         |             |               |             |             |         |              |
| 5  | N      |   |           |                         |             |               |             |             |         |              |
| 10   | 0      |   |           |                         |             |               |             |             |         |              |
| 20   | Q      |   |           |                         |             |               |             |             |         |              |
| 25   | R      |   |           |                         |             |               |             |             |         |              |
| 30   | S      |   |           |                         |             |               |             |             |         |              |
| 50   | U      |   |           |                         |             |               |             |             |         |              |
| 75   | V      |   |           |                         |             |               |             |             |         |              |
| 100  | T      |   |           |                         |             |               |             |             |         |              |
| Diameter                                   | Code   |   |           |                         |             |               |             |             |         |              |
| 2½" (standard)                             | S      |   |           |                         |             |               |             |             |         |              |
| 4½"  | M      |   |           |                         |             |               |             |             |         |              |
| 4 <sup>72</sup><br>Custom                  |        |   |           |                         |             |               |             |             |         |              |
|  | Code   |   |           |                         |             |               |             |             |         |              |
| Length<br>9¾"                              |        |   |           |                         |             |               |             |             |         |              |
|  | 1      |   |           |                         |             |               |             |             |         |              |
| 9%"  | 2      | -   |           |                         |             |               |             |             |         |              |
| 10"  | 3      |   |           |                         |             |               |             |             |         |              |
| 19½"                                       | 4      |   |           |                         |             |               |             |             |         |              |
| 20"  | 5      |   |           |                         |             |               |             |             |         |              |
| 29¼"                                       | 6      |   |           |                         |             |               |             |             |         |              |
| 30"  | 7      |   |           |                         |             |               |             |             |         |              |
| 39"  | 8      | -   |           |                         |             |               |             |             |         |              |
| 40"  | 9      |   |           |                         |             |               |             |             |         |              |
| 50"  | 10     |   |           |                         |             |               |             |             |         |              |
| Custom                                     | 13     |   |           |                         |             |               |             |             |         |              |
| Series                                     | Code   |   |           |                         |             |               |             |             |         |              |
| Quad Pro (standard)                        | S      | ◄   |           |                         |             |               |             |             |         |              |
| Quad Deluxe                                | Х      |   |           |                         |             |               |             |             |         |              |
| Quad Elite                                 | Α      |   |           |                         |             |               |             |             |         |              |
| Quad Ro                                    | R      |   |           |                         |             |               |             |             |         |              |
| End Cap                                    | Code   |   |           |                         |             |               |             |             |         |              |
| DOE/No Caps (standard)                     | 1      |   |           |                         |             |               |             |             |         |              |
| 222/Fin                                    | 2      | 1   |           |                         |             |               |             |             |         |              |
| 222/Spring                                 | 3      |   |           |                         |             |               |             |             |         |              |
| 222/Closed                                 | 4      |   |           |                         |             |               |             |             |         |              |
| 226/Closed                                 | 5      |   |           |                         |             |               |             |             |         |              |
| 226/Fin                                    | 6      |   |           |                         |             |               |             |             |         |              |
| 226/Spring                                 | 7      |   |           |                         |             |               |             |             |         |              |
| SOE/Spring                                 | 8      |   |           |                         |             |               |             |             |         |              |
| DOE/Gasket                                 | 9      |   | NOTE      | E: There are ma         |             |               |             |             |         |              |
| Custom                                     | A      |   |           | and cartridge           |             |               |             |             |         |              |
| Core Extender                              | E      |   |           | manufacture             |             |               |             |             |         |              |
| Core Extender/Spring                       | F      |   |           | with other ma           |             |               |             |             |         | up           |
| Gasket/O-ring                              | Code   |   |           | Canada Limit            | ed 877.9    | 63.4966 fo    | or furthe   | r inform    | ation.  |              |
| DOE - No Gasket / Cap (standard)           | Blank  |   |           |                         |             |               |             |             |         |              |
| Buna                                       | В      |   |           |                         |             |               |             |             |         |              |
| FKM  | В<br>V |   |           |                         |             |               |             |             |         |              |
|  |        |   | <b>.</b>  |                         |             |               |             |             |         |              |
| PTFE                                       | T      | Sold in standard case quantities only<br>• 10" and under are 30pcs/case                                 |           |                         |             |               |             |             |         |              |
| Silicone                                   | S      |   |           |                         |             |               |             |             |         |              |
| Neoprene                                   | N      | <ul> <li>19½" thru 30" are 15pcs/case</li> <li>39" and above are determined at time of quote</li> </ul> |           |                         |             |               |             |             |         |              |
| EPDM                                       | E      |   | • 39      | <sup>and</sup> above ar | e determ    | ined at tin   | ne of quo   | ote         |         |              |
| Polyform                                   | P      |   |           |                         |             |               |             |             | C       |              |

# High-Efficiency Pleated Cartridge Elements

#### Sizes

- Diameter: 2.65"
- · Cartridge element lengths: 9.75" to 40"

#### Features

- FDA title 21 compliant
- Cartridge elements are constructed in a clean room environment
- · Cartridge elements are free of surfactants, resins, binders, and adhesives

#### **Materials**

- · Cartridge element: polypropylene
- · Gasket/O-ring: Buna, FKM, PTFE, silicone, neoprene, and EPDM

#### Specifications

- Retention rating of 99.98%
- Recommended change out differential pressure: 35 PSID (2.4 bar)
- Micron ratings: .2, .45, 1, 3, 5, 10, 25, and 50
- Available in hard cage (standard) or netted cage

| Element<br>Length | Style                | Micron | Material               | Case<br>Qty | Part #      |
|-------------------|----------------------|--------|------------------------|-------------|-------------|
| 10"               | Hard Cage/DOE/Gasket | .45    | Polypropylene/Silicone | 6           | DF-PHEBF39S |
| 10"               | Hard Cage/DOE/Gasket | 1      | Polypropylene/Silicone | 6           | DF-PHEBK39S |
| 20"               | Hard Cage/DOE/Gasket | .45    | Polypropylene/Silicone | 6           | DF-PHEBF59S |
| 20"               | Hard Cage/DOE/Gasket | 1      | Polypropylene/Silicone | 6           | DF-PHEBK59S |
| 30"               | Hard Cage/DOE/Gasket | .45    | Polypropylene/Silicone | 6           | DS-PHEBF79S |
| 30"               | Hard Cage/DOE/Gasket | 1      | Polypropylene/Silicone | 6           | DF-PHEBK79S |
| 10"               | Hard Cage/222/Closed | .45    | Polypropylene/Silicone | 6           | DF-PHEBF34S |
| 10"               | Hard Cage/222/Closed | 1      | Polypropylene/Silicone | 6           | DF-PHEBK34S |
| 20"               | Hard Cage/222/Closed | .45    | Polypropylene/Silicone | 6           | DF-PHEBF54S |
| 20"               | Hard Cage/222/Closed | 1      | Polypropylene/Silicone | 6           | DF-PHEBK54S |
| 30"               | Hard Cage/222/Closed | .45    | Polypropylene/Silicone | 6           | DF-PHEBF74S |
| 30"               | Hard Cage/222/Closed | 1      | Polypropylene/Silicone | 6           | DF-PHEBK74S |
| 10"               | Hard Cage/226/Fin    | .45    | Polypropylene/Silicone | 6           | DF-PHEBF36S |
| 10"               | Hard Cage/226/Fin    | 1      | Polypropylene/Silicone | 6           | DF-PHEBK36S |
| 20"               | Hard Cage/226/Fin    | .45    | Polypropylene/Silicone | 6           | DF-PHEBF56S |
| 20"               | Hard Cage/226/Fin    | 1      | Polypropylene/Silicone | 6           | DF-PHEBK56S |
| 30"               | Hard Cage/226/Fin    | .45    | Polypropylene/Silicone | 6           | DF-PHEBF76S |
| 30"               | Hard Cage/226/Fin    | 1      | Polypropylene/Silicone | 6           | DF-PHEBK76S |





## **Dixon Group Canada Limited**



| Dixon Pleated High Efficien<br>Part Number Key | cy Filter |     | Туре | Core<br>Material | Efficiency | Micron | Length | End Cap | Gasket/<br>O-Ring | 18 Mega OHM<br>Rinse |
|--|-----------|-----|------|------------------|------------|--------|--------|---------|-------------------|----------------------|
|  |           | DF- | PH   | E                | B          | F      | 1      | 9       | S                 | R                    |
| Filter Type                                    | Code      | _   |      |                  |            |        |        |         |                   |                      |
| Pleated high efficiency                        | PH        | •   | I    |                  |            |        |        |         |                   |                      |
| Core Material                                  | Code      | _   |      |                  |            |        |        |         |                   |                      |
| Polypropylene                                  | E         | -   |      |                  |            |        |        |         |                   |                      |
| Efficiency                                     | Code      | _   |      |                  |            |        |        |         |                   |                      |
| 90%  | A         | _   |      |                  |            |        |        |         |                   |                      |
| 99.98% (standard)                              | B         |     |      |                  |            |        |        |         |                   |                      |
| Micron   | Code      | _   |      |                  |            |        |        |         |                   |                      |
| 0.20   | D         | _   |      |                  |            |        |        |         |                   |                      |
| 0.45   | F         |     |      |                  |            |        |        |         |                   |                      |
| 1.00   | К         | _   |      |                  |            |        |        |         |                   |                      |
| 3.00   | M         | _   |      |                  |            |        |        |         |                   |                      |
| 5.00   | N         | _   |      |                  |            |        |        |         |                   |                      |
| 10.00  | 0         | _   |      |                  |            |        |        |         |                   |                      |
| 25.00  | R         | _   |      |                  |            |        |        |         |                   |                      |
| 50.00  | U         | _   |      |                  |            |        |        |         |                   |                      |
| Length   | Code      |     |      |                  |            |        |        |         |                   |                      |
| 9¾"  | 1         | -   |      |                  |            |        |        |         |                   |                      |
| 10"  | 3         | _   |      |                  |            |        |        |         |                   |                      |
| 19½"   | 4         | _   |      |                  |            |        |        |         |                   |                      |
| 20"  | 5         | -   |      |                  |            |        |        |         |                   |                      |
| 29¼"<br>30"                                    | 6<br>7    | _   |      |                  |            |        |        |         |                   |                      |
| 30<br>39"                                      |           | _   |      |                  |            |        |        |         |                   |                      |
| 40"  | 8         | -   |      |                  |            |        |        |         |                   |                      |
|  | 9<br>Code | _   |      |                  |            |        |        |         |                   |                      |
| End Cap<br>DOE/Plastisol                       |           | _   |      |                  |            |        |        |         |                   |                      |
| 222/Fin  | 1         | _   |      |                  |            |        |        |         |                   |                      |
|  | 3         | _   |      |                  |            |        |        |         |                   |                      |
| 222/Spring<br>222/Closed                       | 4         | -   |      |                  |            |        |        |         |                   |                      |
| 226/Closed                                     | 4<br>5    | -   |      |                  |            |        |        |         |                   |                      |
| 226/Fin  | 5<br>6    | -   |      |                  |            |        |        |         |                   |                      |
| 226/Spring                                     | 7         | _   |      |                  |            |        |        |         |                   |                      |
| SOE/Spring                                     | 8         | -   |      |                  |            |        |        |         |                   |                      |
| DOE/Gasket (standard)                          | 9         |     |      |                  |            |        |        |         |                   |                      |
| Custom   | A         | -   |      |                  |            |        |        |         |                   |                      |
| Gasket/O-ring                                  | Code      | _   |      |                  |            |        |        |         |                   |                      |
| Buna   | B         | -   |      |                  |            |        |        |         |                   |                      |
| FKM  | V         | -   |      |                  |            |        |        |         |                   |                      |
| PTFE   | T         | -   |      |                  |            |        |        |         |                   |                      |
| Silicone (standard)                            | S         |     |      |                  |            |        |        |         |                   |                      |
| Neoprene                                       | N         | 1   |      |                  |            |        |        |         |                   |                      |
| EPDM   | E         | -   |      |                  |            |        |        |         |                   |                      |
| Options  | Code      | -   |      |                  |            |        |        |         |                   |                      |
| 18 mega OHM rinse                              | R         |     |      |                  |            |        |        |         |                   |                      |

NOTE: All sizes are 6pcs/case and sold in case quantities only.

There are many more options, including industrial housing and cartridge elements. All cartridge elements are manufactured to industry standards and are interchangeable with other manufacturers' products. Please call Dixon Group Canada Limited 877.963.4966 for further information.

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## **PES Membrane Elements**

#### Sizes

- · Diameters: 2.65" OD; 1" center ID
- · Cartridge element lengths: 10" to 40"

#### Features

- FDA title 21 compliant
- · Cartridge elements are constructed in a clean room environment
- · Cartridge elements have excellent dirt holding capacity with low flow resistance
- Cartridge elements are free of surfactants, resins, binders, and adhesives
- · Low protein binding and chemical compatibility
- Naturally hydrophilic media does not need wetting before use

#### **Materials**

- · Cartridge element: polyethersulfone; core material: polypropylene
- · Gasket/O-ring: Buna, FKM, PTFE, silicone, neoprene, and EPDM

#### Specifications

- Maximum differential pressure: 45 PSID
- Maximum operating pressure: 45 PSID
- Micron ratings: .1, .22, .45, .60, .80, 1.2, and 5.0

| Element<br>Length | Style                | Micron | Material                                    | Case<br>Qty | Part #      |
|-------------------|----------------------|--------|---|-------------|-------------|
| 10"               | Hard Cage/222/Closed | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE3E4S |
| 10"               | Hard Cage/222/Closed | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESD3E4S |
| 20"               | Hard Cage/222/Closed | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE5E4S |
| 20"               | Hard Cage/222/Closed | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESF5E4S |
| 30"               | Hard Cage/222/Closed | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE7E4S |
| 30"               | Hard Cage/222/Closed | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESF7E4S |
| 10"               | Hard Cage/226/Fin    | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE3E6S |
| 10"               | Hard Cage/226/Fin    | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESF3E6S |
| 20"               | Hard Cage/226/Fin    | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE5E6S |
| 20"               | Hard Cage/226/Fin    | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESF5E6S |
| 30"               | Hard Cage/226/Fin    | .22    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESE7E6S |
| 30"               | Hard Cage/226/Fin    | .45    | Polyethersulfone/<br>Polypropylene/Silicone | 6           | DF-PESF736S |





## **Dixon Group Canada Limited**



| Dixon Polyethersufone Filter<br>Part Number Key |      | Filter  | Туре | Micron | Length | <b>Core Material</b> | End Cap | Gasket/O-Ring | 18 Mega OHM Rinse |
|---|------|---------|------|--------|--------|----------------------|---------|---------------|-------------------|
|   |      | DF-     | PES  | Е      | 3      | Е                    | 2       | S             | R                 |
| Filter Type                                     | Code |         |      |        |        |                      |         |               |                   |
| Pleated high efficiency                         | PES  | _       |      |        |        |                      |         |               |                   |
| Micron  | Code |         |      |        |        |                      |         |               |                   |
| 0.10  | С    |         |      |        |        |                      |         |               |                   |
| 0.22  | E    | _       |      |        |        |                      |         |               |                   |
| 0.45  | F    |         |      |        |        |                      |         |               |                   |
| 0.60  | Н    |         |      |        |        |                      |         |               |                   |
| 0.80  | J    |         |      |        |        |                      |         |               |                   |
| 1.20  | L    |         |      |        |        |                      |         |               |                   |
| 5.00  | N    | 1       |      |        |        |                      |         |               |                   |
| Length  | Code |         |      |        |        |                      |         |               |                   |
| 10"   | 3    | _       |      |        |        |                      |         |               |                   |
| 20"   | 5    |         |      |        |        |                      |         |               |                   |
| 30"   | 7    |         |      |        |        |                      |         |               |                   |
| 40"   | 9    |         |      |        |        |                      |         |               |                   |
| Core Material                                   | Code |         |      |        |        |                      |         |               |                   |
| Polypropylene                                   | E    | ┫       |      |        |        |                      |         |               |                   |
| End Cap   | Code |         |      |        |        |                      |         |               |                   |
| 222/Fin   | 2    |         |      |        |        |                      |         |               |                   |
| 222/Closed                                      | 4    |         |      |        |        |                      |         |               |                   |
| 226/Closed                                      | 5    |         |      |        |        |                      |         |               |                   |
| 226/Fin   | 6    |         |      |        |        |                      |         |               |                   |
| DOE/Gasket                                      | 9    |         |      |        |        |                      |         |               |                   |
| Gasket/O-ring                                   | Code |         |      |        |        |                      |         |               |                   |
| Buna  | В    |         |      |        |        |                      |         |               |                   |
| FKM   | V    | 1       |      |        |        |                      |         |               |                   |
| PTFE  | Т    | 1       |      |        |        |                      |         |               |                   |
| Silicone (standard)                             | S    |         |      |        |        |                      |         |               |                   |
| Neoprene  | N    | 1       |      |        |        |                      |         |               |                   |
| EPDM  | E    | 1       |      |        |        |                      |         |               |                   |
| Option  | Code | 1       |      |        |        |                      |         |               |                   |
| 18 mega OHM rinse                               | R    | <b></b> |      |        |        |                      |         |               |                   |

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