



JHFPD Series Large Diameter Polypropylene Depth Cartridge

Jonell's JHFPD Series' large diameter coreless polypropylene depth cartridges deliver cost-effective performance at low pressure drop in liquid base applications with high flowrates. These highly efficient "inside-to-outside" flow elements are constructed of polypropylene depth media providing high particle removal efficiency and a broad range of chemical compatibility. The coreless design reduces installation procedures and disposal costs.

JHFPD Series cartridges excel at capturing solid and semi-solid particulates within the filter media delivering reliable, cost-effective filtration. In addition, the large diameter design can process high flowrates with fewer elements allowing you to use fewer cartridges per housing. This can significantly reduce downtime during element replacement. JHFPD Series cartridges are offered in 6" diameter with standard lengths of 10, 20, 30, 40, and 60 inches.



Construction Materials

Filtration Media..... Polypropylene
O-Rings Polypropylene, Buna, EPR, Viton
End Caps. Polypropylene

Diameter:
6 inch (15 cm) nominal OD
2.88 inch (7.32 cm) ID

Performance

Micron Ratings:
5, 10, 15, 40, 75, 100

Recommended Operating Conditions
Temperature (max.)..... 150° F (65.5° C)

Dimensions

Length:
Nominal: 10 inch / 25.4 cm
(Actual 10.5 inch / 26.67 cm)
Nominal: 20 inch / 50.8 cm
(Actual 20.5 inch / 52.07 cm)
Nominal: 30 inch / 76.2 cm
(Actual 30.5 inch / 77.47 cm)
Nominal: 40 inch / 101.6 cm
(Actual 40.5 inch / 102.87 cm)
Nominal: 60 inch / 152.4 cm
(Actual 60.5 inch / 153.67 cm)
(Custom Lengths Available)

Maximum Operating Differential Pressure:
(Inside-to-Outside Flow)
42 PSI (2.9 bar) at 68° F (20° C)
15 PSI (1.03 bar) at 150° F (65.5° C)

Change-Out Differential Pressure:
35 PSI (2.4 bar)

Features & Benefits:

- Coreless construction simplifies installation and reduces waste.
- Large diameter design for high flowrates reduces system size and cartridge element replacement downtime.
- Inside-to-outside flow direction captures contaminants inside the cartridge reducing contamination during element change out.
- Wide variety of lengths and media grades to suit specific applications.
- Depth style filtration offering excellent flow characteristics with optimum solid and semi-solid particulate holding capability.

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.