

JJ SERIES

Jonell has become a world leader in the filter cartridge market with the JJ Series wound cartridge. We precisely pattern fibers to create consistently reliable filtration with a trapping effectiveness of up to 99%. Jonell wound cartridges offer a gradual pressure increase during cartridge life instead of the abrupt flow cutoff often experienced with improperly designed cartridges. JJ cartridges use a unique filtration design to maximize particle retention and service life in fluid filtration applications. JJ cartridges are available in eight standard removal ratings of 2 μ m, 5 μ m, 10 μ m, 25 μ m, 50 μ m, 75 μ m, and 100 μ m pore sizes to meet a wide range of performance requirements.



JJ Series Filter Cartridges

FEATURES

- Offered in a wide variety of lengths from 4in. to 50in., and diameters from 1.5in. to 4.5in. OD for easy vessel fittings.
- The JJ Series cartridge is available in Polypropylene Industrial, Polypropylene FDA, Xtrupor, Polypropylene Fibrilated, Bleach Cotton, Bleach Cotton FDA, Natural Cotton, Acrylic, Rayon, Polyester, Nylon, and Glass.
- Core Covers offered in cotton, polypropylene, polyester, paper, glass, and membrane for excellent fiber migration protection.
- 304SS, 316SS, and Tin steel extended center cores are available, as well as, a polypropylene snap-in extender.
- Special end treatments such as 222 double O-ring caps, spears, and gaskets are typical additions that enhance cartridge performance.

APPLICATIONS

Among the many applications where JJ Series wound filter cartridges can be found are the following:

- Chemicals
- Connectors
- Consumer Products
- Food and Beverage
- Oils
- Paint Ink
- Petro Chemical
- Pharmaceutical
- Photographic
- Plating
- Vegetable Oils
- Water
- Waste Treatment

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SPECIFICATION

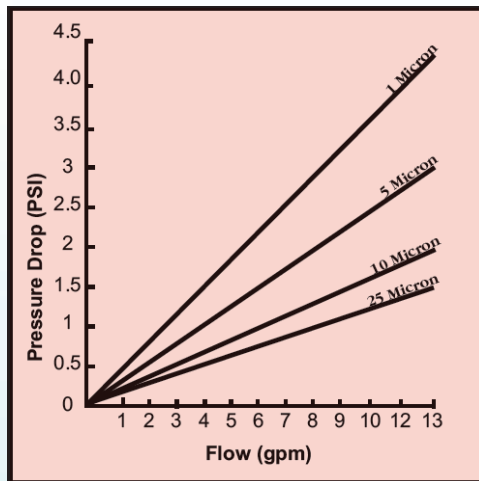
Length	4 - 50 inches
Outside Diameter	2.5 inches
Inside Diameter	1 inch

PERFORMANCE

Standard Micron Ratings	2,5,10,25,50,75 & 100
Recommended Initial DP	< 0.5 psid
Recommended Change-Out DP	25 psid
Maximum Suggested Operating Life	1 year
Minimum Operating Temperature	- 60° F
Maximum Operating Temperature	180° F

Above dimensions are standard and nominal. Custom dimensions available upon request.

PRESSURE DROP VS. FLOW RATE



Graphical data based on water at ambient temperature.

To answer more questions about your filtration application, always contact an approved JONELL representative, or JONELL direct.

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