

# FILOPOR FILTER CARTRIDGES



## FEATURES

- High quality yarns
- Broad chemical compatibility
- Nominal degrees of filtration from 1 to 150 microns
- Cores available in 4 materials
- Lengths available from 5 to 40 inches
- The filter complies with FDA requirements for use in food and beverage applications

Wire wound cartridges are the result of years of experience in the manufacture of filter cartridges. They offer very effective depth filtration at competitive prices.

## COMPATIBILITY TABLE

| Chemical compatibility |             |               |
|------------------------|-------------|---------------|
| Applications           | Cotton      | Polypropylene |
| Food                   | Excellent   | Excellent     |
| Beverage               | Excellent   | Excellent     |
| Drinking water         | Excellent   | Excellent     |
| Organics solvents      | Excellent   | Good          |
| Oil                    | Excellent   | Excellent     |
| Organic acids          | Good        | Excellent     |
| Alkalis                | Good        | Excellent     |
| Oxidizing agents       | Moderate    | Good          |
| Steam                  | Unsuitable  | Unsuitable    |
| Strong Acidis          | Unsuitable  | Excellent     |
| Diluted Acidis         | Moderate    | Excellent     |
| Micro organisms        | Insufficien | Excellent     |

## PRODUCT SPECIFICATIONS

**Media fiber:** bleached cotton, polypropylene or washed polypropylene

**Core material:** polypropylene, tinned steel, AISI 304, AISI 316

### Dimensions

Outer diameter: 64 mm

Length: see nomenclature info below

Filtration areas: cartridge 0,05 m<sup>2</sup>/10"

**Recommended change-out  $\Delta p$ :** 2,5 bar

### Maximum working temperature

With metal core: 90 °C for polypropylene;  
135 °C for cotton

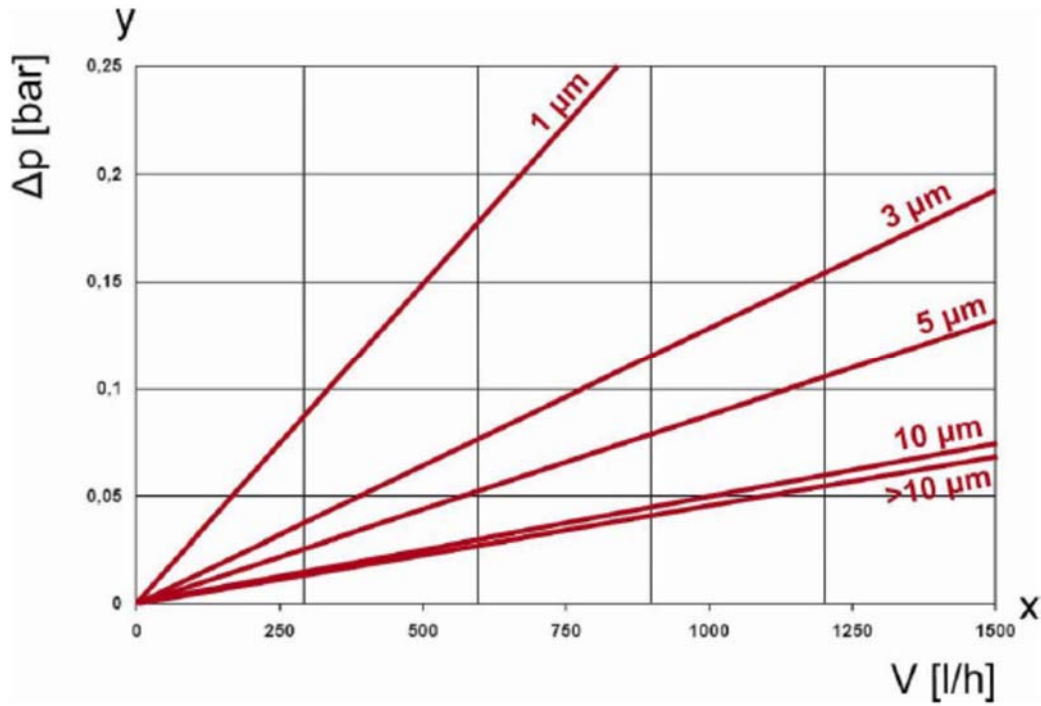
With polypropylene core: 60 °C

### Food safety

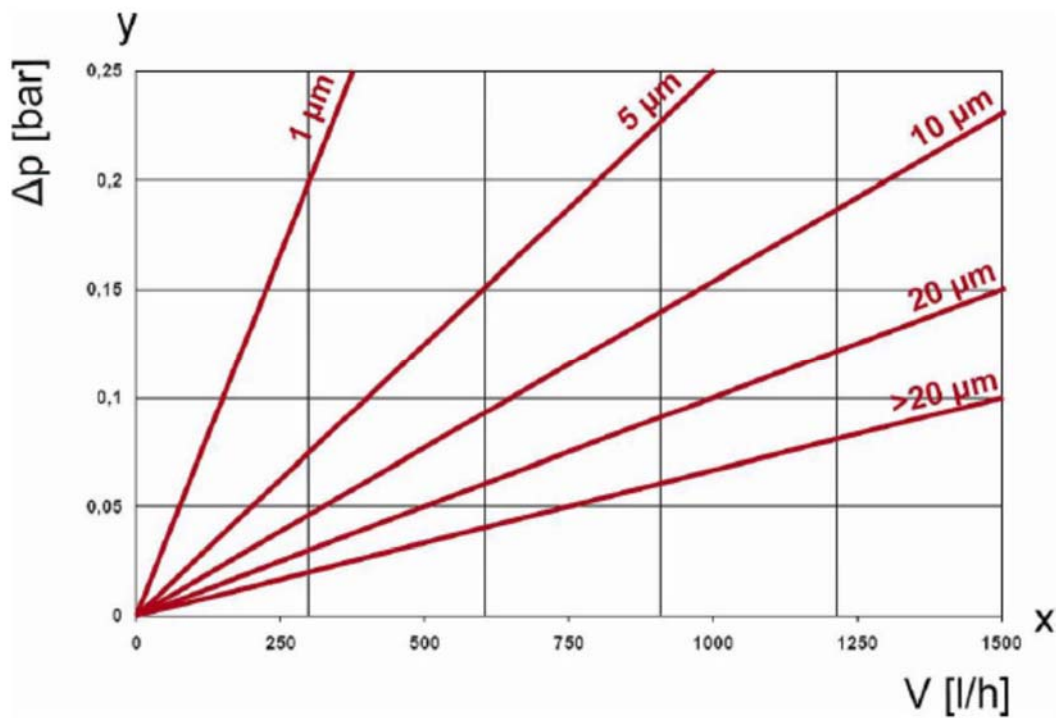
The filter complies with FDA 21CFR177 for use in food and beverage applications.

## FLOW RATE CARTRIDGE 10"

10" cartridge in polypropylene



10" cartridge in bleached cotton



## NOMENCLATURE INFORMATION

### Example

| TYPE                      | LENGHT                | MICRON RATING | CORE MATERIAL             | WOVEN CORE COVER      |
|---------------------------|-----------------------|---------------|---------------------------|-----------------------|
| <b>FP</b> = polypropylene | <b>5</b> (127 mm)     | <b>1</b>      |                           | <b>V</b> = if present |
| <b>FN</b> = nylon         | <b>10</b> (250 mm)    | <b>3</b>      | <b>PP</b> = polypropylene |                       |
| <b>FV</b> = rayon         | <b>19,5</b> (495 mm)  | <b>5</b>      | <b>X4</b> = AISI 304      |                       |
| <b>FC</b> = cotton        | <b>20</b> (508 mm)    | <b>10</b>     | <b>X6</b> = AISI 316      |                       |
|                           | <b>29.25</b> (743 mm) | <b>15</b>     | <b>XT</b> =tinned steel   |                       |
|                           | <b>30</b> (762 mm)    | <b>20</b>     |                           |                       |
|                           | <b>39,5</b> (1003 mm) | <b>30</b>     |                           |                       |
|                           | <b>40</b> (1016 mm)   | <b>50</b>     |                           |                       |
|                           |                       | <b>70</b>     |                           |                       |
|                           |                       | <b>100</b>    |                           |                       |
|                           |                       | <b>150</b>    |                           |                       |