COOLABAH WATER
THE WATER PROFESSORS
TRADE MARK
*Ahhh thats better*

# Polypropylene Filter Bag

The WPP Series (Polypropylene Felt) filter bags are manufactured from felt because of it's high solids loading capabilities in comparison to similar mesh fabrics. The Filter Bags are manufactured in an ISO9001 certified factory and are a Nominal micron rating ranging from, 0.5 micron to 200 micron.

A glazed finish, created by melting the outermost surface fibres, is used to produce a bond that reduces the possibility of media migration. Polypropylene bags are compatible with a broad range of corrosive fluids including organic solvents, oils, acids, alkalis and micro-organisms.

## Features and Benefits

- Thermally welded design results in consistent filtration efficiencies
- Semi-Ridged cylindrical design is easily crushed and incinerated
- Higher productivity from faster bag "change-outs"
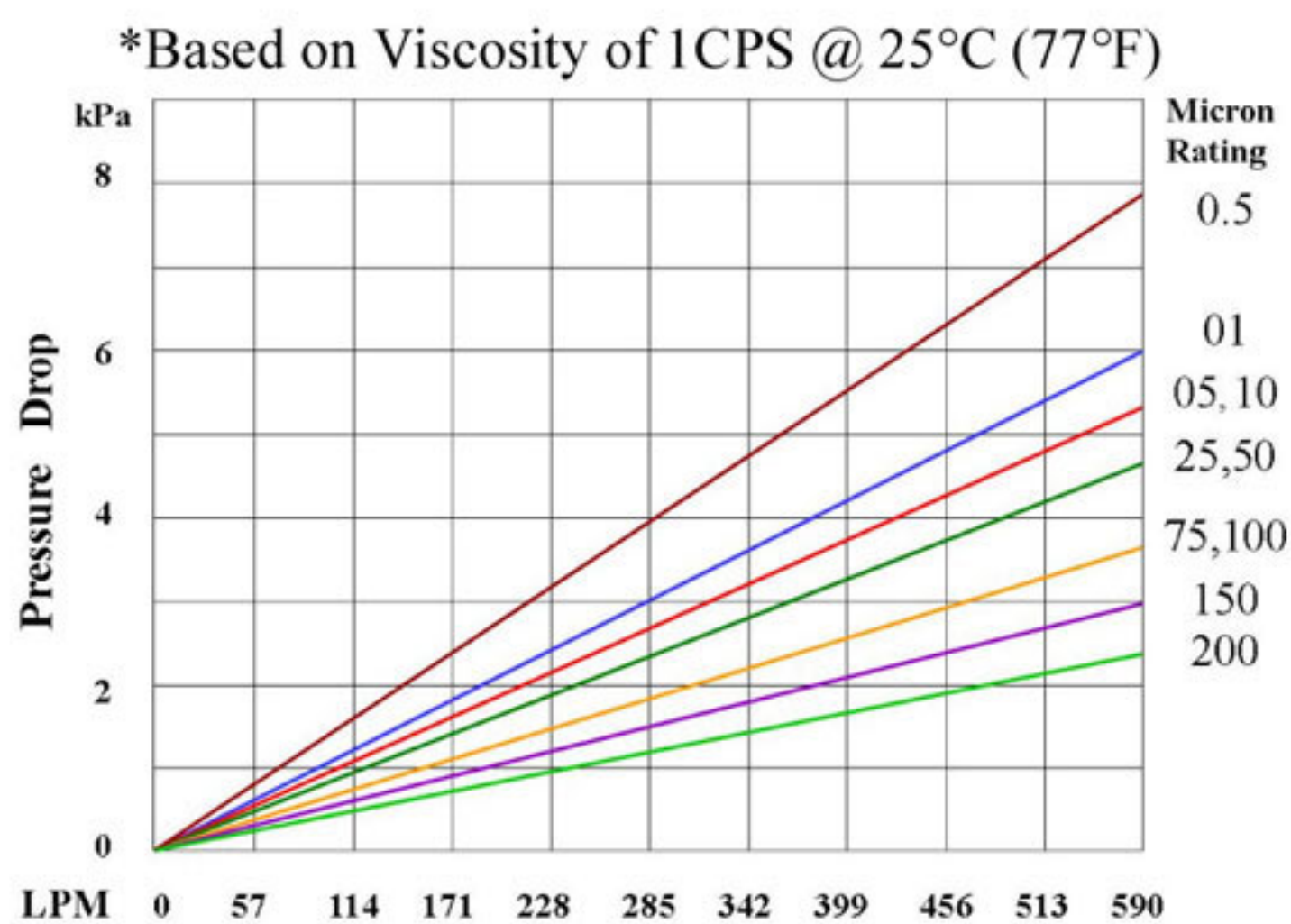- Less Down Time
- No Water Wastage

## General Specifications

- Micron Ratings (Nominal):   0.5, 1, 5, 10
  25, 50, 75, 100
  150 and 200.

- Length:   **WPP20FB**   **WPP40FB**
  419mm (16½")   813mm (32")
- Diameter:   178mm (7")   178mm (7")
- Flow Rate:   20 m³/hr   40 m³/hr
  (Maximum)

- Temperature Ranges:   4.4°C - 93°C
  (bags only)   (40°F - 200°F)
  (Refer to Filter Bag Vessel rating when using)

- Filter Media:   Polypropylene Felt

**NOTE:**
Recommended Filter Bag change or clean is at a maximum increased pressure differential of:   69 kPa (10 psi)

## Series: WPPFB



Suitable for Bag Filter Housing - WHPVCBF

**Filter Bag** Polypropylene

## Flow Performance

*Based on Viscosity of 1CPS @ 25°C (77°F)



kPa / Pressure Drop — Micron Rating: 0.5, 01, 05, 10, 25, 50, 75, 100, 150, 200

LPM   0   57   114   171   228   285   342   399   456   513   590

*Approximate figures, based on clean water

**NOTE:** For Chemical Compatibility please refer to a Chemical Compatibility Chart prior to use.

**Warning:**
For drinking water applications, do not use water that is microbiologically unsafe or of unknown quality without adequate disinfection.

## Model No.

| WPP20FB | | WPP40FB | |
|---|---|---|---|
| WPP20FB0.5 | WPP20FB50 | WPP40FB0.5 | WPP40FB50 |
| WPP20FB01 | WPP20FB75 | WPP40FB01 | WPP40FB75 |
| WPP20FB05 | WPP20FB100 | WPP40FB05 | WPP40FB100 |
| WPP20FB10 | WPP20FB150 | WPP40FB10 | WPP40FB150 |
| WPP20FB25 | WPP20FB200 | WPP40FB25 | WPP40FB200 |

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