

## FILTER BAGS

The use of filter bags is a simple and effective way of filtration. The filter media in the form of woven mono and multi-filament or needle felt fibres, manufactured into standard shapes and sizes of bags, are fitted with a top seal arrangement for location and sealing into a suitable vessel. In view of potentially high differential pressures, which can develop across the bag, it is logical to provide the housing with a support basket manufactured from perforated or woven wire mesh to retain the bag during operation. Filtration occurs on the inner face of the bag by impingement, inertial impact and diffusion. Thus all contaminants are collected in the bag, simplifying disposal of the bag, and contaminants, on change-out.



Filter bags

### BENEFITS

- Long lifetime due to high flow rates, high effective filter area and high dirt holding capacity
- Flow of contaminated fluids from inside to outside of the filter bags  
All solids are retained in the bags
- A quick, clean and easy change out of filter bags
- Low operational costs
- Wide micron rating and a full range of materials for maximum fluid compatibility
- Worldwide stocking of most common types
- Easy handling
- Wide chemical compatibility
- Especially designed for the high demand offshore industry
- Retrofits for all types and brands
- Wide range to fit all Twin Filter and standard housings

### APPLICATIONS

Completion fluids  
Work over fluids  
Gravel pack fluids  
Waste water treatment  
Diesel  
Fuel oil  
Sea/river/well  
Water  
Acids  
Solvents  
Gels  
Amines & Glycols  
Process water  
Prefiltration RO

*We care, we filter*

# FILTER BAGS

## TECHNICAL SPECIFICATIONS

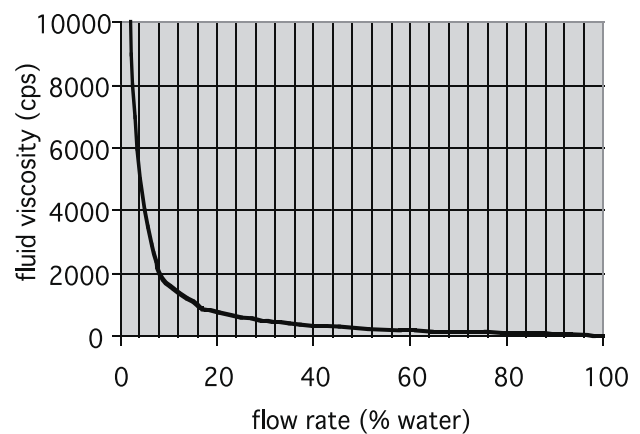
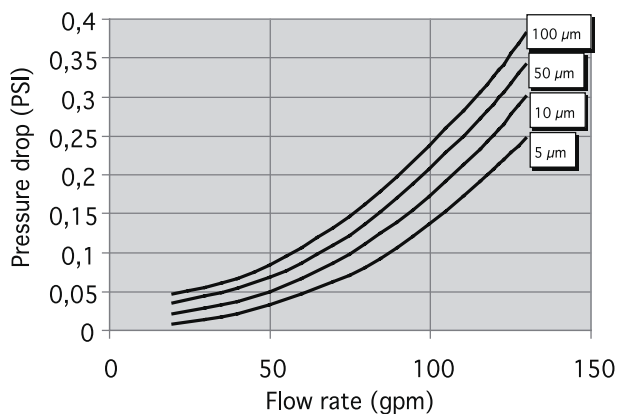
Ratings	1-200 $\mu\text{m}$
Inside diameter	7.5" (190 mm)
Length	30.5" (775 mm)*
Filter area	5.4 ft <sup>2</sup> (0.50 m <sup>2</sup> )*

\* other dimensions on request

## FILTER MATERIAL COMPARISON

Material	Maximum operational temp.	Resistance to micro organism	Compatibility					
			organic solvents	petroleum, veg. oils	alkaline	organic acids	oxidizing agents	mineral agents
Polypropylene	95	Excellent	Excellent	Excellent	Excellent	Excellent	Good	Good
Polypropylene	95	Poor	Excellent	Excellent	Good	Good	Fair	Poor
Polyester	150	Excellent	Excellent	Excellent	Good	Good	Good	Good
Nylon	135	Excellent	Excellent	Excellent	Good	Fair	Poor	Poor

## PERFORMANCE



## CLASSIFICATION REFERENCE

### PPF

#### FILTER MEDIA

High grade  
PPF: Polypropylene felt  
NF: Nylon felt  
LF: Polyester Felt

### 100

#### MICRO RATING

Microns  
Felt: 1-200  
Others upon request

### L2

#### LENGTH

Inches  
L 2  
Others upon request

### R

#### FIXING STYLE

R: rigid  
E: polyseal ring  
Others upon request

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