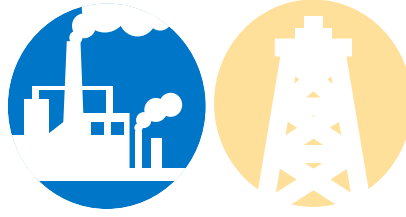


# Filter Bag

Filtration Bags



**LENNTECH**  
WATER TREATMENT SOLUTIONS

The use of a filter bag offers a simple and effective way of filtration. Our filter bags can be manufactured from different materials and is fitted with a top seal for easy placement into a suitable support basket. This basket is manufactured from perforated or woven wire mesh to retain the bag during operation. All contaminants are collected inside the bag, simplifying disposal of the bag and contaminants, on change-out.



## Contact Information

**LENNTECH**  
WATER TREATMENT SOLUTIONS

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## Benefits

- Wide range to fit all Parker Twin Filter and other standard housings.
- All solids retained in the bag through inside to outside filtration.
- A quick, clean and easy change out of filter bags.
- Wide micron rating and a full range of materials for maximum fluid compatibility.
- Easy handling.
- Low operational costs.
- Retrofits for all types and brands.

## Applications

- Paintings & coatings
- General chemical
- Food & beverage
- Waste water
- Ink industry
- Produced water from gas drilling
- Surface water intake
- Acids
- Solvents
- Gels, amines & glycols
- Process water
- Pre filtration RO



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ENGINEERING YOUR SUCCESS.

# Filter Bag

## SPECIFICATIONS

### Materials of Construction

#### Filter Media

- Polypropylene felt
- Polyester felt
- Nylon felt
- Nylon monofilament
- Polypropylene extended life felt
- Polyester extended life felt

#### Fixing Materials

- Carbon Steel ring
- Stainless Steel ring
- Polypropylene ring
- Polypropylene welseal
- Polyester welseal

### Dimensions

#### Bag Inside Diameter

- 7" (180 mm)

#### Bag Length

- L1: 17" (435 mm)
- L2: 32" (810 mm)
- L3: 9" (230 mm)
- L4: 14" (355 mm)

#### Filter Area

- L1: 2.7 ft<sup>2</sup> (0,25 m<sup>2</sup>)
- L2: 5.4 ft<sup>2</sup> (0,50 m<sup>2</sup>)
- L3: 8.6 ft<sup>2</sup> (0,80 m<sup>2</sup>)
- L4: 1.3 ft<sup>2</sup> (0,12 m<sup>2</sup>)

#### Filtration Rating

- Felt 1-200 micron
- Monofilament 1-1500 micron

### Maximum Recommended Operating Conditions

#### Temperature:

- See table

#### Change Out ΔP:

- 37 psi (2,5 bar)

#### Flow Rate:

- Depending on selectivity and viscosity

## Filter material comparison

Materials	Maximum Operational Temperature		Compatibility						
			Micro organism	Organic solvents	Petroleum veg. oil	Alkaline	Organic acids	Oxidizing agents	Mineral agents
Polypropylene	203°F	95°C	Excellent	Fair	Excellent	Good	Excellent	Fair	Fair
Polyester	302°F	150°C	Excellent	Excellent	Excellent	Fair	Good	Fair	Fair
Nylon	275°F	135°C	Excellent	Excellent	Excellent	Excellent	Fair	Poor	Poor

## Ordering Information

Filter Media		Micron Rating		Length			Fixing Style		Options	
Code	Media	Rating Code	Media	Code	Inch	mm	Code	Description	Code	Description
PPF	Polypropylene Felt	1, 2, 5, 10, 15, 20, 25, 50, 125, 150, 200	Felt	L1	17"	435	CS	Carbon Steel ring	SP	Single Packed
PEF	Polyester Felt	1, 2, 5, 10, 15, 20, 25, 50, 100, 125, 150, 200, 400, 800, 1500	Mono-filament	L2	32"	810	SS	Stainless Steel ring	W	Welded
NF	Nylon Felt			L3	9"	230	PO	Polypropylene ring	WE	Fully Welded
NMO	Nylon Monofilament	Others on request		L4	14"	355	P	Polypropylene welseal	F	Food Grade
PPFX	Polypropylene extended life felt			Others on request			E	Polyester welseal	B	Binding
PEFX	Polyester extended life felt						TC	Tie Cord	RC	Reverse Collar
Others on request							SB	Stainless Steel Band	HC	High Capacity
							Others on request		H	Handle
									H2	2 Handle



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