



A bag filter is a popular filtration method for liquid process applications. It provides a versatile, cost effective and consistent filtration system suitable for a broad range of applications from small batch operations to bulk processing. The required bag filter media is determined by the size of the particles to be removed (0.6 – 1500microns), the type of particles to be removed (deformable or non-deformable), the required retention efficiency (60 – 99.98%) and the chemical and temperature compatibility of the media.

Dutch Filtration offers the complete range filter bags and bag filter housing to match your application.

Our BagFlow filter range: Standard needle felt filterbags, welded seams, mesh, pleated and multilayer felt with rigid rings or snap ring.

## FEATURES/ BENEFITS

- Contaminated fluids flow from inside to outside, so all solids are retained in the bag.
- Low operational costs.
- Easy handling, easy, clean and quick change out of filter bags.
- Particular designed for the high demands in the offshore industry.
- A wide range of materials and micron rating.
- Wide chemical compability

## APPLICATIONS

- Completion fluids
- Produced water
- Work over fluids
- Gravel pack fluids
- Wellbore clean up fluids
- (Bio) diesel
- Fuel oil
- Sea-, river-, well water
- Process water
- Pre filtration RO
- Acids
- Solvents
- Waste water
- Amines & glycols

## Contact

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# SPECIFICATIONS FILTER BAGS

Design Specifications	
Ratings	1-200 µm
Inside diameter (ID)	7.5" (190 mm)
Length	30.5" (775mm)
Filter Area	5.4 ft <sup>2</sup> (0.50m <sup>2</sup> )
Max flow rate 1-3 µm	18.4 m <sup>3</sup> /hr / 80 GPM
Max flow rate 5-200 µm	27.6 m <sup>3</sup> /hr / 120 GPM

## CHEMICAL COMPATIBILITY TABLE

Media	Acids	Alkali	Solvents	Oxidants	Recommended maximum operating temperature (°C) / (°F)
Polyester	G	G	E	P	140 °C (284 °F)
Polypropylene	E	E	G	E	93 °C (200 °F)
Nylon	F	G	E	F	110 °C (230 °F)

P = Poor      F = Fair      G = Good      E = Excellent

## ORDERING CODE BAGFLOW

Media	Material	Micron rating	Length	Fixing style
DBPP = polypropylene	F = Felt	range 1-1500 micron	L1 = 17" (430mm)	CS= Carbon steel ring
DBN = Nylon	MO =Monofilament		L2 = 32" (810mm)	R = Rigid ring
DBPE = polyester				PP = Polypropylene ring
				PPW = polypropylene welded ring

Example: DBNMO500-L2-CS is Nylon Monofilament bag 500 micron, length 32", fixing style carbon steel ring

## OPTIONAL

- High capacity
- Fully welded
- Oil absorption bags
- Multi layer

