

Innovative BOSS Filter Bags by Allfil – Extended Lifespan and Up to 98% Filtration Efficiency

Allfil's innovative BOSS filter bags are designed for extended service life and enhanced filtration efficiency of up to 98%.

Their special seamless construction features a semi-rigid microfiber core enclosed in a multilayer bag with a graded pore structure. This design provides greater thickness, allowing for significantly deeper filtration compared to traditional filter bags. An outer multifilament mesh layer adds extra durability and extends the filter's lifespan. The seamless design eliminates the risk of leakage through needle holes, while the microfiber core effectively captures smaller particles and filters a broader range of contaminant sizes. This results in higher dirt-holding capacity, less frequent filter changes, reduced downtime, and precise filtration performance.

Technical data

Material:

Polypropylene microfibers seamless with microfiber insert

Micron rating:

3, 5, 10, 25, 50, 100µm

Top collar:

Plastic collar in polypropylene

Dimensions

Length:

2 - 32" (820mm)

1 - 16" (420mm)

Diameter:

2 Ø= 7" (177mm)

1 Ø= 7" (177mm)

Surface area:

2 - 0,50 m²

1 - 0,25 m²

Operating parameters

Max operating temperature:

90° C

Max flow rates:

2 - 8-12 m³/h

1 - 3-6 m³/h

Differential pressure:

Exchange recommended at: 1- max.1.8 bar

FEATURES

- Hybrid construction combining the best features of filter cartridges and filter bags.
- Entirely seamless construction of the thermal bonded microfiber bag and insert with high tensile strength.
- 100% pure polypropylene microfibers contain no sizing, resin, lubricant, bonding adhesive, silicone or anti-static chemical.
- FDA compliant to meet food grade government standards.
- Outside protective multifilament mesh layer (sewn) for easier installation into filter housing and for structural support.
- High contaminant retention capacity, extended service life.
- Low disposal cost.

APPLICATIONS

- | | |
|----------------------|------------------------|
| • Bottled water | • Coolants |
| • Fructose | • Synthetic coolants |
| • Edible oils | • Portable water |
| • Heat transfer oils | • Waste water |
| • Corn syrup | • Storm water |
| • Cooling water | • Ground water |
| • Glycol | • Paints and chemicals |

BENEFITS

- Innovative production process for great quality
- Absolute 98% efficiency
- Broad chemical compatibilities
- Larger dirt holding capacity
- Longer service life
- Quick deliveries

ORDERING CODE

ALL BOSS

10

G

2

PO

F

WE

SERIE TYPE

ALL BOSS- filter bag BOSS

MICRON RATING

3, 5, 10, 25, 50, 100µm

COVER TYPE

P standard

G calandered/ glazed

BAG SIZE

2 - Ø177 /L=815 [mm] 7x32" (0.50m²)

1 - Ø177 /L=410 [mm] 7x16" (0.25m²)

MATERIAL OF COLLAR

PO polypropylene

MODEL OF COLLAR

L equivalent for Polylock (FSI, Pall)

H equivalent for Sentinel (Eaton)

X1 equivalent for X100 (FSI, Pall)

R equivalent for Roningen-Peter

F equivalent for POF (FSI, Pall)

D POD equivalent for Rosedale

OPCJE

WE fully welded

SP single packed

SI stitching inside

Tolerance:

Tolerance of rings or collars diameter: +/- 3mm

Tolerance of length and width: +/- 20mm

