



Hybrid Design Combining Cartridge and Bag – Ideal for Constant Flow Applications

Allfil's innovative MAX bag filters are designed to increase efficiency and lower the cost filtration process. Its seamless micro-fiber graded density cartridge insert removes trace oils that frequently occur in process fluids and provides up to four times the dirt-holding capacity than standard polypropylene bags. The special hybrid construction of a conventional felt bag with a seamless microfiber cartridge insert as a pre-filtration allows to achieve extended life-time of the Max bag filters.

Technical data

Material:

Polipropylene filter bag with 100% polypropylene rigid insert

Micron rating:

1, 5, 10, 25, 50, 100 µm

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:

93-104° C

Max flowrates:

2 - 12-18 m³/h

1 - 6-10 m³/h

Differential pressure:

Exchange recommended at: 1- max.1.8 bar

FEATURES

- Hybrid construction: seamless microfiber cartridge and standard felt bag.
- Entirely seamless construction of the thermal bonded microfiber insert with high tensile strength.
- HI-efficiency, low-cost filtration is ideal for continuous flow application.
- Glazed outer surface to prevent fiber migration.
- Thermally bonded microfiber material, no binders or adhesives.
- Adsorptive properties for small particles, filtration of wide range of particles.
- FDA compliant to meet food grade government standards.

APPLICATIONS

- Continuous flow application
- E-coat and phosphate bath
- Batch application: oils, edible oils, syrup
- Final and polishing filter requirements
- Water Filtration and treatment

BENEFITS

- Innovative production process for great quality
- Low disposal cost
- Broad chemical compatibilities
- Quick deliveries

ORDERING CODE

ALL MAX

025

G

2

PO

F

WE

SERIE TYPE

ALL MAX - filter bag MAX

MICRON RATING

1, 5, 10, 25, 50, 100µm

COVER TYPE

P standard

G glazed/ calendered

BAG SIZE

2 - Ø177 /L=815 [mm] 7x32" (0.50m²)

1 - Ø177 /L=410 [mm] 7x16" (0.25m²)

MATERIAL OF COLLAR

PO polypropylene collar

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

OPTION

WE fully welded

SP single packed

SI stitching inside

Tolerance:

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

Tolerance of length and width: +/- 20mm

