amaFlow absorptive filter bag

For a wide number of filtration applications amaFlow filter bags are an easy to use and economical choice. Filtration Group supplies a wide range of filter bags and bag filter housings. The amaFlow SPAR absorptive filter bags are used for treating liquids by absorbing specific substances.

**Features**
- amaFlow SPAR filter bags are designed especially for their purpose with the functional part for liquid treatment incorporated into the filter bag. This allows maximum contact time while keeping pressure drops across the material to a minimum.
- The top disc pre-filter material removes dirt and other particulate material prior to the absorption. As the sides of the bag are impermeable the liquid will flow vertically through the entire column.
- The filter bag is constructed as standard from 100 μm needle felt, other micron ratings are available for specific requirements.
- The bag filter media will remove further solids, thus acting as a polishing and safety filter.
- Depending on the requirements, for example activated carbon or polypropylene can be used to treat the liquid.
- The amaFlow SPAR absorptive bags are made from polypropylene and supplied with a handle strap. The standard amaFlow filter bags have sizes to fit into our baskets and housings, but will also fit into most other housings.

**Bag filter housing**
Filtration Group supplies a wide range of bag filter housings in different materials, dimensions and models to meet your demands.

For detailed information about bag filter housings, please see the respective data sheets or visit [www.ama-lfc.com](http://www.ama-lfc.com)

**Typical applications**
- Waste water
- Glycols
- Liquid fertilizers
- Cutting oils
- Pickling liquids
- Electroplating
- Removal of odour, colour
- Absorbing mineral oils
- Absorbing grease from aqueous based liquids

**Types**
The amaFlow SPAR absorptive filter bags are available in two types:
- XX: Empty bag. A zip opening in the cover enables filling of the absorptive material into the bag. This bag can be used for treating liquids with activated carbon or other products.
- PP: Filled with polypropylene microfibres to remove mineral oils or grease from aqueous based liquids.

The amaFlow SPAR-PP is supplied with a nylon mesh cover for easy mounting of bag. Optional it is also available without mesh cover.

**Sealing system**
In order for bag filters to function properly, especially with smaller pore sizes, a good seal between bag and support basket is of great importance. The amaFlow SPAR filter bag has the Snap-Collar, a felt-covered metal or plastic ring which clicks neatly into the upper collar of the support basket. The felt serves as the sealing.

The filter bag must be properly mounted into the support basket before starting the filtration process.

Filtration Group can support you regarding the chemical compatibility of the filter media.
Ordering information

Example: `SPAR 003 - XX - P / S 2 - PO - HS - N`

1 Type
- `SPAR` = Polypropylene

2 Micron rating [µm]
- `SPAR` = 100: as standard
  - 1, 3, 5, 10, 25, 50, 75, 150, 200

3 Fillig material
- `XX` = Empty (with zip)
- `PP` = Polypropylene microfibres

4 Finish
- `P/S` = Outside thermally treated (standard)

5 Bag dimensions
- 1 = Size 1 (Ø 178 x 432 mm)
- 2 = Size 2 (Ø 178 x 800 mm)

6 Ring
- `S` = Carbon steel ring (Snap-Collar)
- `SS` = Stainless steel AISI 304 ring (Snap-collar)
- `PO` = Polypropylene ring (Snap-Collar)

7 Handle
- `HS` = Handle strap from polypropylene (standard)

8 Cover (PP type only)
- `N` = Nylon mesh cover (standard)
- `-` = No cover (optional)