



**CleverFilter®**  
THE FILTRATION PEOPLE

[www.cleverfilter-group.com](http://www.cleverfilter-group.com)

## BAG FILTER

Oil Adsorbent Polypropylene Bag Filter



### Features

- High oil adsorbent capability
- Exclusively FDA compliant ultra fine PP micro fiber media
- No crater forming substances (i.e. Silicone)
- Multiple layer depth media composite
- Adsorption von Öl aus dem zu pflegenden Medium
- PP or Metal bag sealing collar
- Excellent chemical compatibility
- Fiber migration and extractable free media treatment
- Recommended change out pressure differential  
0.10 MPa (1.0 bar)

### Applications

- Automotive Industry
- Water Treatment
- Paints and Varnishes
- Many Others

### Benefits

- **Easy Installation** – no tools required
- **Double Sealing** – plastic collars designed to provide additional safety against bypasses
- **Stable Material Composite** – both stable and flexible filter bags for better alignment to the restrainer basket
- **Available sizes** – standard sizes 1 - 5 but also customized for an optimal process adaptation
- **Low Disposal Cost** – to further improve economics





**Product Category:**

**Oil Adsorbent Filter Bag**

**PPAB**

PP filter bag, oil adsorbtion and optional particle retention

Made from entirely virgin PP resin, using the latest melt-blown fiber production technologies. The effective adsorbent surface area is over 4000 m<sup>2</sup>/g which is four times larger than conventional staple fibers. This results in an oil absorbing capacity, capable to retain oil that is 23-times of the filter's dry weight.

**Technical Data**

Size s	Material	Shape	Seam Treatment	Length [mm]	Ø [mm]	Filter Area [m <sup>2</sup> ]	Volume [l]	Housings e.g
size 1	PP Microfiber	multiple layered	welded	420	180	0,25	8	HEXB23, HTWB23
size 2	PP Microfiber	multiple layered	welded	820	180	0,50	17,5	HEXB45, HTWB45
size 3	PP Microfiber	multiple layered	welded	230	100	0,09	1,5	HEXB6, HTWB6
size 4	PP Microfiber	multiple layered	welded	380	100	0,15	2,5	HEXB10, HTWB10
size 5	PP Microfiber	multiple layered	welded	510	150	0,25	8	HPPB23 HSSB23

**Product Code**

**PPAB – EX – WS – SS 2**

**Material:**

PPAB : Polypropylene mikrofiber bag, oil adsorbent

**Retention:**

EX : Standard oil adsorbent and 25µm nom. particle rating  
 EXX : Economy oil adsorbent and 25µm nom. particle rating  
 MAX : Heavy duty oil adsorbent  
 HEH : High efficiency heavy duty oil adsorbent

WS: Welded seam

**Bag Size: Ø \* L [mm]:**

- 1 : 180 \* 420
- 2 : 180 \* 820
- 3 : 100 \* 230
- 4 : 100 \* 380
- 5 : 150 \* 510

**Bag Sealing:**

SS : Galvanized steel  
 PLK : PP collar  
 PD : PP collar (size 5)  
 Other types on request

