

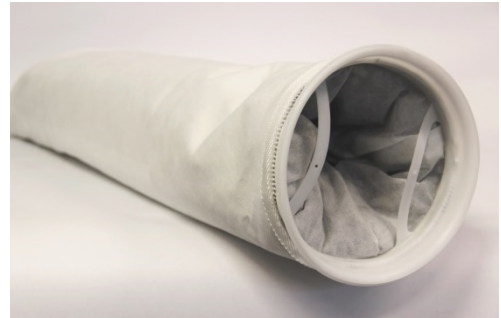
# Data sheet

## Filtration & Separation

### Active carbon filter bag LT-ACB

#### Features

- Manufactured of needle felt in combination with active carbon media
- Additional protective layer made of compressed non-woven
- Large carbon contact surface and volume through loose carbon tablets fill.
- Free of binder usage, 100% carbon surface.
- Filter characteristic: adsorption of paint-, taste- and odor residues, removal of free chlorine or ozone, removal of disinfectant and other organics.
- Pre-washed carbon tablets. Carbon sheds caused by transportation motion can be flushed out within 30 seconds.
- Multi-task performance: impurity absorption, contaminants retention and trace oil removal.
- Seam: ultrasonic welded seam.
- Ring design: Polysnap ring polypropylene.
- FDA conformity, free of silicone and other types of contamination.
- High absorptive properties.
- Broad chemical compatibilities.



Active carbon bag

#### Applications

Please check the chemical resistance against your fluid as well as the applicability for your application before usage:

- Water filtration and purification
- Food & beverage industry
- Chemical industry
- Pharmaceutical industry

#### Technical data

Size	Filter area	Fineness	Operating temperature	Differential pressure	Flow rate	PH-value
1 (Ø180x420mm)	0,25 m <sup>2</sup>	1, 5, 10µm nominal	max. 90°C	Exchange recommended at: 1,2 - max. 2,5 bar	10 - 13 m <sup>3</sup> /h	7 - 9
2 (Ø180x820mm)	0,50 m <sup>2</sup>				20 - 25 m <sup>3</sup> /h	
5 (Ø150x510mm)	0,25 m <sup>2</sup>				9 - 12 m <sup>3</sup> /h	

\*Data based on laboratory trial with pure water at ambient temperature and controlled delta p of 0,1 bar. Data may vary depending on specific application and filter bags used.

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#### Ordering information

LT-ACB	-	001	-	WS	-	2	-	P	-	R
Filter material		Fineness		Seam design		Size		Ring design		Bottom Shape
ACB: active carbon		001: 1 µm 005: 5 µm 010: 10 µm		WS: Welded seam  SE: Stitched seam		1: 0,25 m <sup>2</sup> Ø 180x420 mm 2: 0,5 m <sup>2</sup> Ø 180x820 mm 5: 0,25m <sup>2</sup> Ø 150x510 mm		P: Polypropylene Polysnap PE: Polyester Polysnap PS: Polypropylene Double seal (only size 5) ES: Polyester Double seal (only size 5) S: zinc plated steel ring ST: AISI 304 steel ring SU: AISI 316L steel ring		R: semi-circle