

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



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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	Filling weight	Operating temp.	Differential pressure	Flow rate	PH-value
1 (Ø 180x420mm)	0,25 m²	1, 5, 10 µm nominal	3,5kg ±30 g	max. 90°C	Exchange recommended at: 1,2 - max. 2,5 bar	10 - 13 m³/h	7 - 9
2 (Ø 180x820mm)	0,50 m²		5kg ±30 g			20 - 25 m³/h	
5 (Ø 150x510mm)	0,25 m²		3kg ±30 g			9 - 12 m³/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	1: 0,25 m ² Ø 180x420 mm 2: 0,5 m ² Ø 180x820 mm 5: 0,25m ² Ø 150x510 mm	P: Polypropylene Polysnap PE: Polyester Polysnap PS: Polypropylene Double seal (only size 5) ES: Polyester Double seal (only size 5)	R: semi-circle