

## Filter media



JKF can supply filters for most industry sectors where manufacturing processes generate dust, chips and dirt to be extracted and filtered. Examples:

- Woodworking
- Iron and metal industries
- Surface treatment
- Sandblasting
- Corn, seed and feeds
- Cement and concrete
- Power generation
- Insulation manufacturing
- Packaging manufacturing
- Recycling industries

### Energy-saving and environment-friendly filter element/pleated filter bag

Filter element consists of polyurethane bottom and top, integral polypropylene support pipe embedded at both ends. The pleated filter medium is on the outside.

The external geometry is largely uniform as are the self-locking fixtures.

The filter elements are available in two basic models with different fold heights in integral support pipes:

1. 16 mm fold height int. support pipe  $\phi 127/\phi 117$
2. 24 mm fold height, int. support pipe  $\phi 110/\phi 104$

The filter medium is cotton or polyester, which can be coated with a range of finishes: antistatic, PTFE (Teflon-coated), antistatic and PTFE (Teflon-coated), Teflon membrane.

Polyester can be washed up to 4 times.

The filter elements are also available with  
 - micromelt, which is extremely permeable but with a filtration degree of 99.98%.  
 Micromelt is non-washable.

- cellulose-coated paper, NA 138 FH, with large surface area. Non-washable.

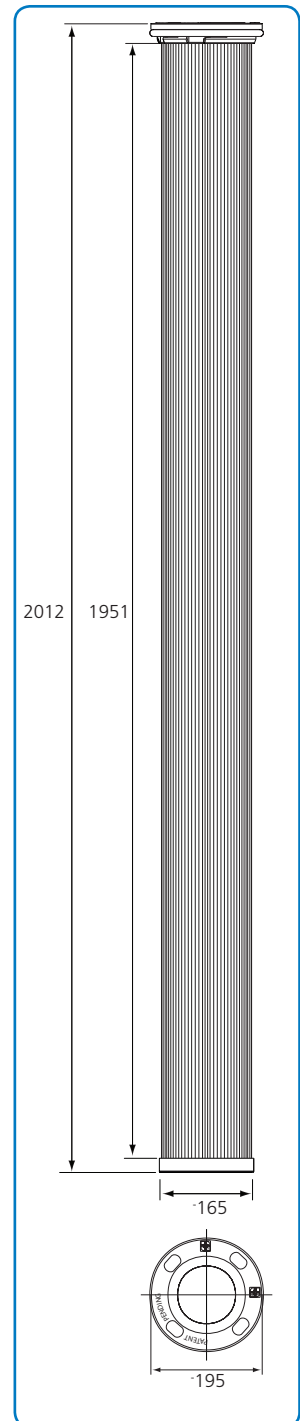
### Pleated bags, offering the following benefits:

- very low pressure loss thanks to optimal geometry.
- 2-3 times more filter area than conventional filter bags.
- self-locking flange makes replacement easy.
- long service life - pleated bags can be washed up to 4 times.
- made of environment-friendly materials.
- used filter elements can be sent for incineration.

### Filter bags

Polyester filter media with a range of coatings.

Standards: Polyester PE40/PP25 or PE40/PP25 antistatic.



Designation	Area m <sup>2</sup>	Length mm	Weight kg	Dimensions						
				Paper	Plastic	Powder coating	Sanded	Sand- blasting	Welding fumes	Plasma/ laser fumes
NA-909	5.81	2000	3.70						x	
NA-909	7.12	2000	3.90						x	
NA-909 Antistatic	5.81	2000	3.70	x	x	x				
NA-909 Antistatic	7.12	2000	3.90	x	x	x				
NA-909 PTFE	5.81	2000	3.70			x	x			x
NA-909 PTFE	7.12	2000	3.90			x	x			x
NA-909 Antistatic+PTFE	5.81	2000	3.70			x	x			x
NA-909 Antistatic+PTFE	7.12	2000	3.90			x	x			x
NA-800 Membrane	5.81	2000	3.70							x
NA-800 Membrane	7.12	2000	3.90							x
NA-220 Micromelt	3.97	1385	3.20						x	x
NA-220 Micromelt	4.87	1385	3.40						x	x
NA-909	3.87	2000	4.00	x					x	
NA-909	4.74	2000	4.20	x					x	
NA-909 Antistatic	3.87	2000	4.00	x	x	x	x			
NA-909 Antistatic	4.74	2000	4.20	x	x	x	x			
NA-909 PTFE	3.87	2000	4.00			x	x		x	
NA-909 PTFE	4.74	2000	4.20			x	x		x	
NA-909 Antistatic+PTFE	3.87	2000	4.00		x	x	x		x	
NA-909 Antistatic+PTFE	4.74	2000	4.20		x	x	x		x	
NA-800 Membrane	3.87	2000	4.00							x
NA-800 Membrane	4.74	2000	4.20							x
NA-220 Micromelt	2.69	1385	3.20						x	x
NA-220 Micromelt	3.25	1385	3.40						x	x
NA-138FH, Cellulose	12.60	1385	2.40						x	x
NA-138FH, Cellulose	15.20	1385	3.72						x	x

Type	Diameter mm
PE40/PP25	ø150, ø220, ø400, ø600
PE40/PP25 Antistatic	ø150, ø220, ø400, ø600
PE40/PP25 Anti+Antifin	ø150, ø220
PE45/PE15 BIA G	ø150, ø220
PE50/PE16	ø150, ø220, ø400, ø600
PE50/PE16 Antistatic	ø150, ø220, ø400, ø600