

BIG BAG

Structure and filter elements



Description

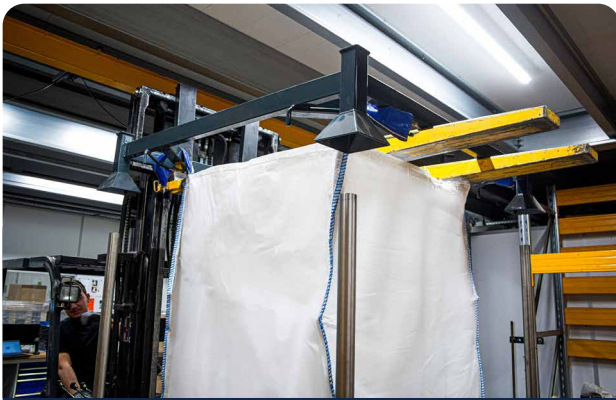
Big bag filters are large-capacity filter elements suitable for flocculation sludge.

The support (reference = SI21770) supports the filtering big bag and provides a PP retention area for drip collection.

The standard big bag filter (reference = SI18133) has a filtration threshold of 250µm. It can be used as is for liquid sludge filtration. Its mechanical structure and sturdy seams limit the risk of tearing.

Characteristics & benefits

- Heavy-duty structure with polypropylene drip tray.
- Big bag with strong seams for reliable use (250 µm filtration threshold).
- Addition of a custom-made felt bag in the big bag (1 to 200µm and dimensions to choose from, in polyester or polypropylene felt). Integrated laces and Velcro fasteners facilitate fast, secure installation of the felt in the big bag..



After filling, the big bag can be easily removed from the support using a forklift truck.

Chemical compatibility

	Polypropylene	Polyester
Alkaline	+++	-
Acid	+++	+++
Oxidizer	-	+++
Solvent	+	++
Tmax (°C)	90	140

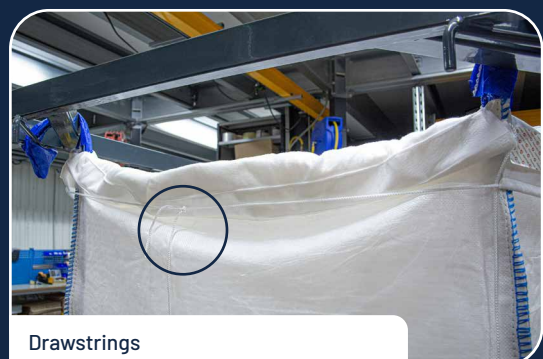
+++ Excellent | ++ Good | + Fair | - Not compatible

FELT BAG INSTALLATION | Insertion into big bag filter.

A polypropylene felt bag can be added/inserted inside the filtering big bag (SI18133). This felt improves permeability, reduces clogging and offers lower filtration thresholds (from 1 to 200 µm). The bag must be mechanically supported by the SI18133 big bag filter. The laces enable the bag to be easily strapped around the filtering big bag.






Velcro support straps



Drawstrings

ORDER REFERENCE

	Reference	Description
	SI21770	Big bag filter support structure + PP spill tray
	SI18133	Flat-bottom PP 250 µm filtering big bag
	QPT-[A]-[B]-[C] See tables below	Polypropylene felt bag for filtering big bag

Example :

QPT	A	B	C
-	96X96X110	- PO	- 10



A / Size

Code	Width (mm)	Length (mm)	Height (mm)	Description
96x96x110	96	96	110	Perfect fit with standard big bag filter
- x - x -	-	-	-	Tailor-made bag if required

B / Media

Code	Material
PE	Polyester felt
PO	Polypropylene felt

C / Retention threshold

Code	Porosity	PE	PO
1	1 µm	•	•
5	5 µm	•	•
10	10 µm	•	•
25	25 µm	•	•
50	50 µm	•	•
100	100 µm	•	•
200	200 µm	•	•