

BIG BAG

Structure and filter elements



Description

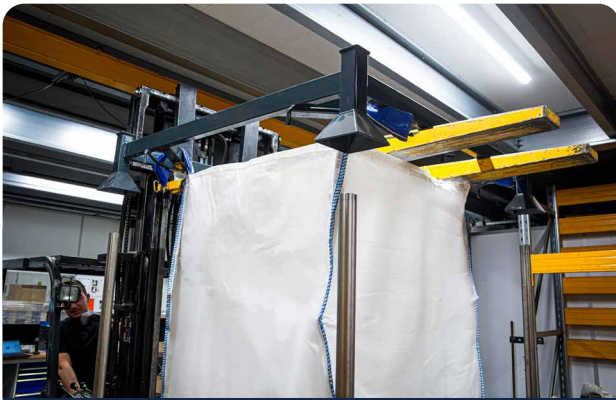
Big bag filters are large-capacity filter elements suitable for flocculation sludge.

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 |

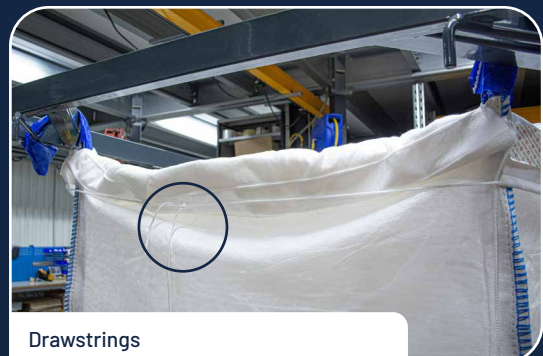
+++ Excellent | ++ Good | + Fair | - Not compatible

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 |
|-----------|
| 96X96X110 |

 -

| B |
|----|
| PO |

 -

| C |
|----|
| 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 | • | • |