



# e.San Filterbag

## Product description

The e.San Filterbag is used in addition to the e.San filter cloth for processing small volumes of sediment. The filter bag's specific weave means it can also be used to process double salt deacidification sediment and for preclarification of smaller volumes of Eiswein must.

## Characteristics

The e.San filter cloth consists of a polypropylene monofilament with a very open weave. The monofilament weave reliably retains the sediment particles and filtration aid. The special weave has the lowest possible dynamic resistance. When pressing it is therefore possible to achieve a proportionally high product yield at a relatively low press pressure of 3 - 4 bar. Like the e.San filter cloth, the e.San Filterbag is also very easy to clean, therefore ensuring a high level of hygiene.

## Materials

Only materials which are safe for use with food are used in the product's manufacture:

Components	Material
Filter cloth material	Polypropylene
Thread	Polypropylene
Strengthening and carrying strap (only for e.San Filterbag B with 250 L capacity)	Polyester

## Formats

The e.San Filterbag is available in two sizes:

Item description	Capacity	Dimensions
e.San Filterbag S <sub>standard</sub>	50 L	Diameter 350 mm; height 1.1 m
e.San Filterbag B <sub>ig</sub>	250 L	Diameter 480 mm; height 1.8 m

The capacity and dimensions of both filter bags have been tailored to practical requirements. The filter bags are ideally closed with an elasticated cord.

A carrying strap is sewn onto the 250 L capacity filter, around the bag. There are two loops at the top and a loop at the bottom for suspending the bag from forklift runners. These help when filling and emptying the relatively large and heavy filter bag.

## Use

The use of filtration aids is recommended when processing smaller volumes of must sediment from settling or flotation during wine making. It is also recommended when processing fining sediment. Mixing specifically developed filtration aids into the sediment ensures adequate drainage. Good drainage is required in conjunction with the e.San Filterbag because the presses work at a relatively low pressure of 3 - 4 bar (compared to filter presses which work at pressures of 6 - 15 bar) but rapid processing and a high product yield are still required. It is extremely easy to use the e.San Filterbag:

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1. Mix the filtration aid into the sediment. We recommend the following quantities of filtration aid, based on 100 L of sediment:

Sediment type	Mix into 100 L sediment
Sediment in must from sedimentation or flotation	1.5 kg VarioFluxx® P + 1 kg Trub-ex
Fining sediment (predominantly bentonite sediment)	4 kg VarioFluxx® P + 1 kg Trub-ex
Double salt deacidification sediment	No filtration aid required
Preclarification of Eiswein must	1 kg VarioFluxx® P + 0.5 kg Trub-ex

2. Place the empty e.San Filterbag in the hydropress (or other press).
3. Pour the filtration aid/sediment mixture into the e.San Filterbag.
4. Return the filtrate free run to the e.San Filterbag as applicable, to improve the turbidity value.
5. Fasten the e.San Filterbag using the elastic cord (cord only supplied with e.San Filterbag B, 250 L capacity).
6. Close the hydropress (or other press) and apply pressure.
7. Start the pressing process.

## Pressing aids

Pressure is to be applied to the filled e.San Filterbag to press the contents and achieve a viable yield. The following equipment and aids can be used:

- Hydropress (ideal for e.San Filterbag S, 50 L capacity)
- Grape press (preferably for e.San Filterbag B, 250 L capacity)
- Vats weighed down with water
- Depofil filter framework

## Cleaning and temperature

### Daily cleaning with water:

The e.San Filterbag can be effectively cleaned with a weak water jet.

### Deep cleaning using chemicals:

Chemical cleaning is only necessary at the end of the season, before the e.San Filterbag is stored away.

Chemical cleaning can be used for deep cleaning after the filter cloth has first been cleaned by water jet. We recommend using a sodium hydroxide solution (caustic soda) or a 2 % filter cloth cleaning solution at a maximum temperature of 70 °C. A 2 % hydrogen peroxide solution can also be used to improve the cleaning effect. If hydrogen peroxide is used we recommend reducing the caustic soda temperature to a maximum of 40 - 50 °C. The cleaning agents should then be neutralised with clean water.

The e.San Filterbag should not be washed in a washing machine as this can damage the fabric structure.

## Storage

The e.San Filterbag must be thoroughly dried and stored in a dry, odour-free place. Avoid storing the e.San Filterbag in direct sunlight.

## Quality

The e.San Filterbag is manufactured according to a certified quality management system as per DIN EN ISO 9001.

## VarioSan process

Like the e.San filter cloth, the e.San Filterbag is particularly effective in conjunction with the VarioFluxx® P filtration aid for mixing. Together they achieve specific technical advantage. Detailed information about this combined method (VarioSan process) can be obtained direct from Erbslöh Geisenheim GmbH or your dealer.