



Mesh filter



A common problem in beverage fill lines is foreign objects entering the product, even after thorough filtration. This could range from gasket particles to dislodged deposits.

The purpose of our strainer units, is to catch foreign objects right before the filler. This prevents debris from ending up in the final product, leading to a safer product and a more efficient process.

Good and efficient filtering is achieved with an internally supported filter cone. The cone is positioned against the flow direction, to ensure low pressure loss and an even use of the filter mesh.

The integrated sight glass allows for monitoring of the strainer, to ensure it is not too contaminated and to check when the filter needs to be cleaned.

Because of the tri-clamp fittings, the strainer unit can be removed from the line without the use of tools. This means that cleaning the strainer and replacing parts can be done very quickly.

The hygienic design ensures that the quality of the product is not affected. It is also well suited to cleaning in place (CIP) operations.

Specifications:

- Internal cone mesh filter
- Hygienic design
- Made of AISI 316 stainless steel
- Tri-clamp connection, including counterfitting, gaskets and heavy duty clamps.
- Sight glass manufactured by GEATuchenhagen, type Varivent
- Compact in-line installation
- CIP compatible
- External ceramic bead blasted finish
- Internally brushed, Ra <0,8 µm
- Diameters ranging from DN40 to DN125
- Inch and ISO sizes available on request
- Mesh types available:
 - 24x110 plain Dutch weave
 - 500 micron square weave
 - Others on request



Options:

- Spare filter unit
- Backflush connections to flush the strainer in-line

Nominal size	Outside diameter	Total installation length	Capacity range
DN40	Ø 41 mm	273 mm	30-60 hL/h
DN50	Ø 53 mm	273 mm	50-100 hL/h
DN65	Ø 70 mm	273 mm	95-190 hL/h
DN80	Ø 85 mm	273 mm	140-280 hL/h
DN100	Ø 104 mm	273 mm	210-420 hL/h
DN125	Ø 129 mm	273 mm	330-660 hL/h

