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## Bag-, Cartridgefilterhousing

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### Series X100



### Data-Sheet

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**Size 2"**



## General

X100 Convertible Filter Housing provides an excellent, low-cost alternative to other types of filter housings. Manufactured from polypropylene with a UV inhibitor for all-weather durability, X100 housings are strong, lightweight and economical. Resistant to a wide range of chemicals for a wide range of industrial applications, the X100 will precisely fit your particular needs. Designed to accept either a bag filter or a cartridge filter, the FSI X100 filter housing allows you to choose the filter media and construction to precisely fit your filtering needs.

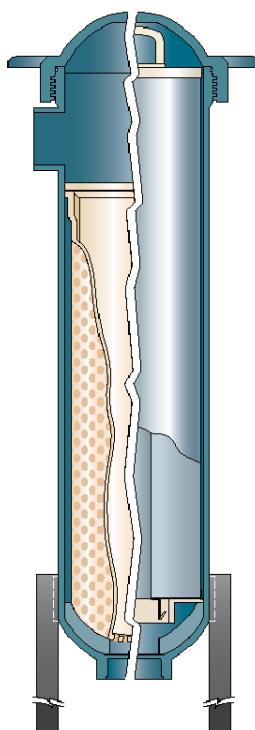
### No Sump Disassembly Required for Filter Changes

Because the X100 is top loaded with a specially developed threaded lid and gasket, filter elements can be changed without disassembling the sump and without additional tools for tightening. With the X100, changing the filter requires much less time than with many other types of filter housings



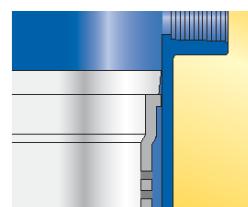
### Positive Sealing of Both Bag and Cartridge Filters

The X100 Convertible Filter Housing, along with the Polyloc® seal point of our X01 filter bags and the Polyseal seal point of our X20 filter cartridges, creates a positive seal and eliminates the chance of fluid by-pass.

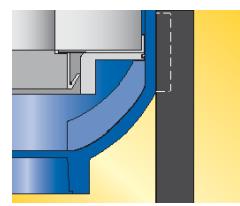


### Product-details

Material Housing:	Polypropylene
O-Ring:	Buna-N, Viton
Bag-type:	X01
Cartridge-type:	X20
Max. Pressure:	6 bar
Max. Temperature:	43 °C
Port Size:	2" BSP-F / 2" NPT-F
Certified:	FDA-konform



Seal Bagfilter



Seal Cartridgefilter

## Filterinlet

### Filter Bag X01

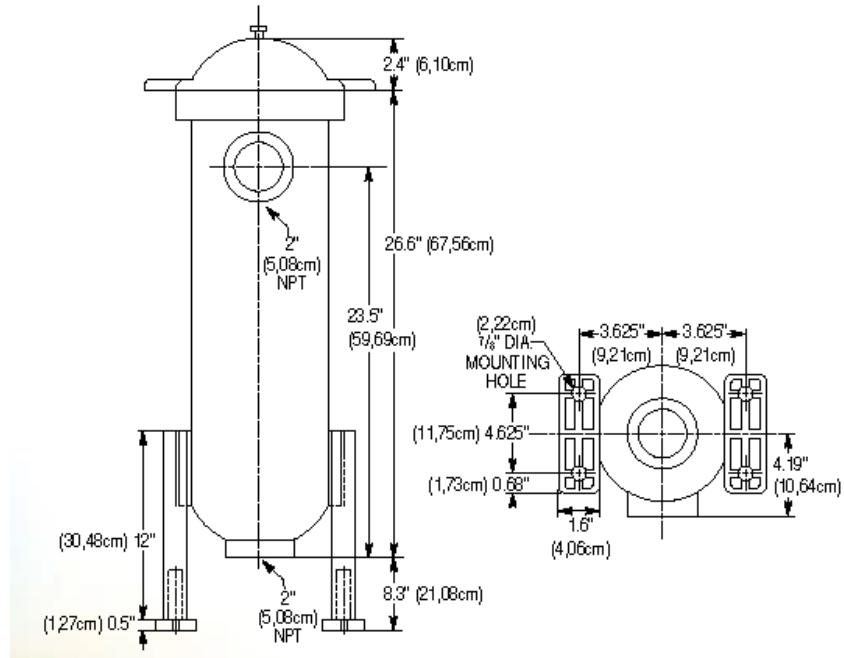
Measuring 6" in diameter by a length of 20", the X01 Filter Bag has 2 square feet of surface area (0.186 square meters), making it equivalent to a standard #1 size bag. The X01 is fitted with the patented Polyloc® Ring that seals directly against the wall of the filter housing and eliminates the chance of fluid by-pass. A heavy-duty Polypropylene Restrainer Basket supports the X01. The Polyloc® Ring sits directly against the basket collar for additional bag support.

### Filter Cartridge X20

The X20 Cartridge is a steep pore gradient, depth filter designed to have a large dirt loading capacity. The X20 measures 5.5" in diameter, with a length of 23.25", yielding a total cartridge volume of 500 cubic inches. In laboratory tests, the X20 has outperformed standard 10" cartridges by holding 20 times the volume of dirt. The design of the X20 Polyseal Cartridge features a single open end that directs fluid from outside the cartridge in through the filter. A built-in handle on the cartridge top assists in seating and removing the X20. The cartridge bottom is equipped with FSI's patented Polyseal End Fitting to ensure a by-pass-free sealing without the need for double O-rings or flat gaskets. Fitting securely into the cartridge plate, the X20 does not require springs, hold-down plates or center posts.

Part No.	Description	Micron Rating	Material	Element Seat
BPONG [ ] X01	Filter Bag	1, 5, 10, 25, 50, 100	Polypropylene	Polyloc® Ring
BPMO [ ] X01	Filter Bag	100, 150, 200, 300, 600, 800	Polypropylene	Polyloc® Ring
CMMF [ ] X20	Filter Cartridge	1, 5, 10, 25, 50, 75, 100	Polypropylene	Polyseal

## Dimensions



## General safety instructions



- To prevent accidents, the installation, connection and commissioning may only be carried out by authorized and qualified personnel.



### Note:

1. When installed in open air, the filter must be protected from frost.
2. The flow depends on dirt load and mesh size.

## GEFA Certificates

### ISO 9001 - OHSAS 18001 - ISO 14001

Zusätzlich zum Qualitätsmanagementsystem **ISO 9001** hat die GEFA Prozesstechnik GmbH jetzt auch für die Bereiche Arbeitsschutz (**OHSAS 18001**) und Umweltmanagement (**ISO 14001**) ein sichtbares Zeichen:



Die **OHSAS 18001** und **ISO 14001** Zertifizierungen sind weltweit anerkannte Standards mit dem Fokus auf Personenschutz, Arbeitssicherheit, Gesundheitsvorsorge und Umweltschutz.