

X-POT™ BAG FILTER DATA SHEET

For use with X-POT XP, X-POT XP+, X-POT XXP and X-POT HFHP Models

BAG FILTER (BOX OF 10)	
FILTER SIZE	PRODUCT CODES
50u	NA10FILB50
25u	NA10FILB25
5u	NA10FILB5
1u	NA10FILB1

BAG FILTER (BOX OF 40)	
FILTER SIZE	PRODUCT CODES
50u	NA40FILB50
25u	NA40FILB25
5u	NA40FILB5
1u	NA40FILB1

Contamination Control & Cleanliness Standards

All materials of construction used in the manufacturing of the VEXO™ DuoLine 19** needle-felt range are certified as silicone free. Furthermore, no silicone is used in the manufacturing process, and all substances used in the manufacturing area are controlled to ensure that they are silicone free.

Product Traceability

VEXO™ Quality Assurance System, accredited to BS EN ISO 9001:2008, assures full product traceability.

Each filter bag is identified by the following methods:

Part Number

Printed on both the filter bag label and outer packaging label.

Batch Number

Printed on both the filter bag label and outer packaging label.

Micron Rating

Printed on both the filter bag label and outer packaging label.

These identifying numbers allow full product traceability back to raw material lot numbers.

Biological Safety

US FDA CFR Title 21 for Food Contact

All the materials used in the construction of VEXO™ DuoLine 19PP/XP polypropylene needle-felt bags fulfil the requirements on materials used for articles intended to come into contact with food as described in CFR Title 21.



EC Food Contact Compliance.

VEXO™ Filters DuoLine 19PP/XP polypropylene needle-felt bags meets the requirements for food contact as detailed in European Regulation (EC) Number 1935/2004 in that: The DuoLine 19PP/XP product family has been assessed by an external laboratory under the Plastics Materials and Articles in Contact with Foodstuffs Regulations laid out in EC Directive 2002/72/EC and its amendments to present date.

All substances identified as being used in the manufacture of the above product family are (a) listed in the above legislation, or (b) not subject to the provisions of the above legislation.

Statement on Polymer Additives & BSE

Based on the information made available to us by our suppliers, we hereby confirm that to the best of our knowledge the materials used in the construction of DuoLine 19PP/XP polypropylene needle-felt bags are to be considered as free of Bovine Spongiform Encephalopathy (BSE), Transmittable Spongiform Encephalopathy (TSE) and Genetically Modified Organisms (GMO).

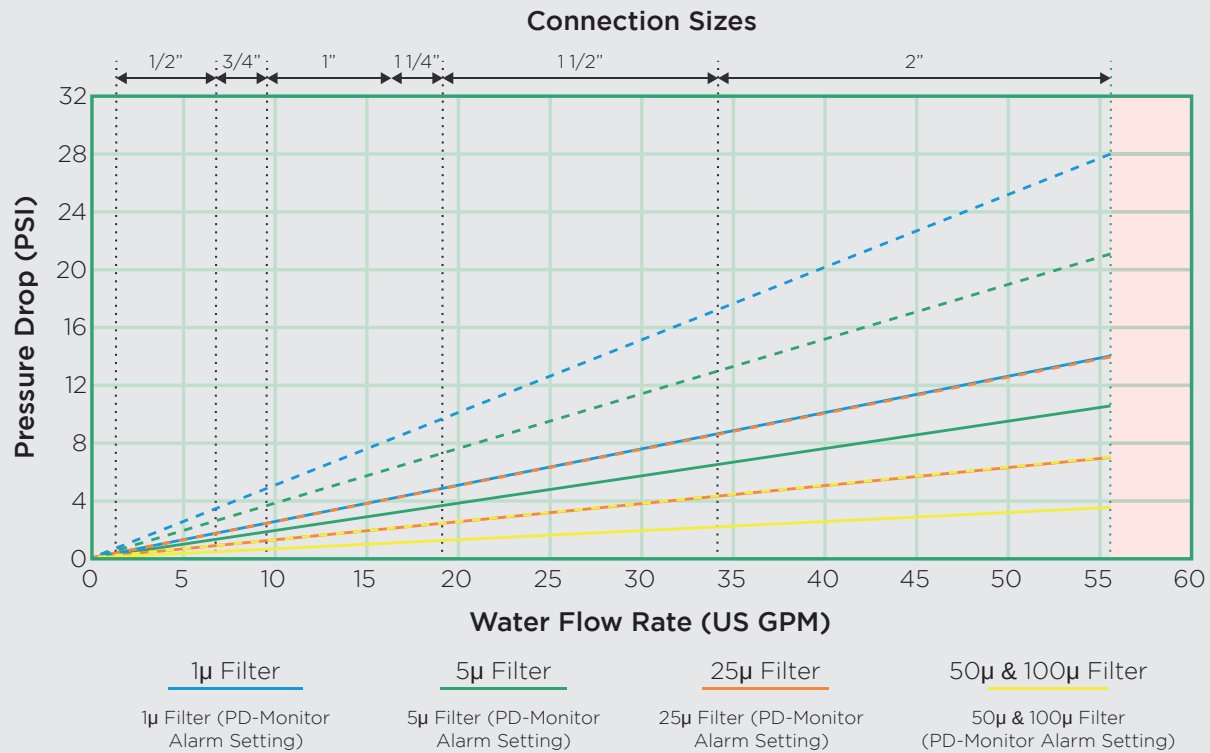
Additionally, we would like to bring to your attention that some of the fibres used in the manufacturing of the products supplied contain Animal Derived Substances. However, our suppliers confirm that these substances originate from healthy animals and that manufacturing processes meet or exceed the inactivation conditions thereby destroying any substance causing immunological diseases (BSE/ TSE).

Note that none of these substances are intentionally added in the needle-punched non-woven manufacturing process.

Flow Characteristics

Based upon tests performed in a bag housing on DuoLine 19PP Needle-felt size 2G (P2) filter bags in clean water at 21 °C, typical pressure values are as shown:

Flow DP of X-POT XP™ Bag Filters Including Magnet Grate



NOTE - Choice of X-POT™ is dependent upon system working pressure and system volume. Dirty filter state can be estimated by multiplying the clean filter state by a factor of 2.

Materials of Construction

All raw materials used in the construction of the VEXO™ DuoLine 19PP/XP polypropylene needle-felt bags meet the requirements for food contact use as laid down in the United States FDA Code of Federal Regulations (CFR) Title 21, as listed below:

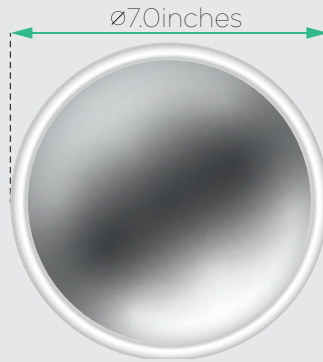
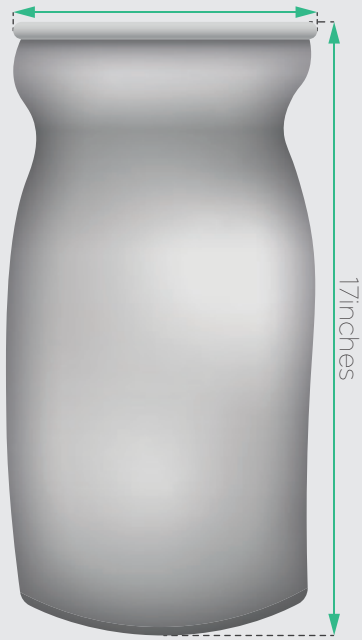
Maximum Operating Temperatures and Differential Pressure

The maximum recommended operating temperatures for the DuoLine 19** Needle-felt bags are 95 °C.

The maximum allowable differential pressure is 4 bar (or as limited by the maximum differential pressure allowable for the filter housing).

VEXO™ recommend that **DuoLine 19** Needle-felt** bags are changed at a differential pressure of 1.5 bar in normal service - the operating condition above should be treated as a maximum differential pressure for short term use.

Dimensions



Filter Surface Area
2.6ft²

