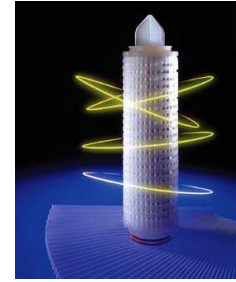


POSITRAK Plus

- **Positively charged**
- Steamable
- Sanitizable
- Thermowelded construction
- EC-listed materials for Food contact
- FDA-listed materials per CFR21
- Bio-safety per USP-Plastics (only PH grade)
- Validation Guide on request (only PH grade)



POSITRAK Plus is designed for cosmetic and Food&Beverage applications in the filtration of liquid with high bio-burden and colloidal particles. PH grade, prefluxed with non-pyrogenic water, is suitable for pharmaceutical process applications.

The media made by borosilicate microfibers pleated with layers of positively charged polypropylene; the electrical charges of the porous media interact with the negative contaminant electrical charges and generate an attraction whose effect is to retain particles finer than the physical passage. POSITRAK Plus are well suited upstream membrane cartridges to extend the operating service life.

Manufacturing is performed in a controlled environment.

MATERIALS OF CONSTRUCTION

Filter media	Polypropylene positively charged and borosilicate microfiber
Upstream supports	polypropylene
Downstream supports	polypropylene
Internal Core	polypropylene
External Cage	polypropylene
End caps / Adapters	polypropylene

FOOD-SAFETY

POSITRAK Plus filter elements materials meet (EU) regulation 10/2011 and its amendments, regulations (EC) 1935/2004 and 1895/2005.

BIO-SAFETY

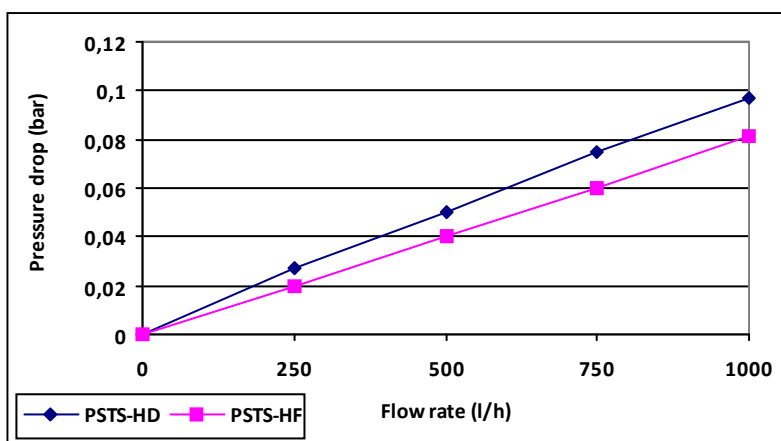
Specific for "PH" grade: the filter meets USP "Water for injection" requirements for particle release and the effluent is Non-Pyrogenic per USP Bacterial Endotoxins (< 0,25 EU/ml).

OPERATING CONDITIONS

- max. continuous temperature	65 °C
- max cumulative time of steam sterilization	30 hours at 125 °C (with cycles of 30 minutes)
- sanitization with hot water	80 °C max
- max. differential pressure	5,0 bar at 25 °C
- recommended change out differential pressure	2,0 bar at 25 °C

CODE	ABSOLUTE FILTRATION RATING IN LIQUIDS	MAX WATER FLOW RATE FOR 10" CARTRIDGE	BACTERIAL RETENTION / 10" CARTRIDGE
HD	0,5 µm	500 l/h	≥ 10 ⁴ Brevundimonas diminuta ≥ 10 ⁷ Serratia marcescens
HF	1,0 µm	700 l/h	≥ 10 ⁷ Leuconostoc oenos ≥ 10 ¹⁰ Saccharomyces cerevisiae

WATER FLOW RATE FOR 10" CARTRIDGE



POSITRAK Plus ORDERING INFORMATION

PSTS - 207 1 - HD - PH - [] - []

END FITTING	CODE
DOE: double open end with flat gaskets	200
SOE: open end with (2) O-Ring 2.222. Blind end with flat top.	203
SOE: open end with (2) O-Ring 2.226 and 2 bayonet locks. Blind end with fin.	207
SOE: open end with (2) O-Ring 2.222. Blind end with fin.	208
SOE: open end with (2) O-Ring 2.222 and 3 bayonet locks. Blind end with fin.	212

ABSOLUTE FILTRATION RATING micron	CODE
0,5	HD
1,0	HF

CODE	PACKING TYPE
No code	Single box
MB	Multiple box

GASKETS	CODE	END FITTING CODE
Silicone	No code	200-203-207 208 212
SILICONE	SSS	203-207-208-212 With AISI 316 stainless steel ring

CODE	NOMINAL LENGTH
1	10"
2	20"
3	30"
4	40"

CODE	PRODUCT GRADE
No code	General Grade; Fluxed with water
PH	Biological Grade; prefluxed with non-pyrogenic water; Quality Certification in the box.
BQ	Biological Grade with certification

Data contained in this bulletin are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.

DS-PST-555-UK-15



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