

## STEELPORE-SLP

### Filter elements with sintered metallic fiber

Manufactured in all stainless steel, **STEELPORE-SLP** filter elements incorporate depth media manufactured from sintered stainless steel fibres. These fibres create a porous media matrix optimised for particle retention down to 0.5 microns. The depth media is sandwiched between stainless steel wire mesh and then pleated. The wire mesh provides extra mechanical strength and facilitates dispersed liquid flow to achieve excellent filtration performance with minimal initial pressure drop. STEELPORE-SLP seams and fittings are precision welded to perform in high pressure and high temperature applications. STEELPORE-SLP filter elements are designed to assure excellent cleaning and regeneration from backflushing, steam or chemical sanitization.



#### APPLICATIONS

<b>FOOD &amp; BEVERAGE</b>	Water, wine, beer
<b>CHEMICALS</b>	Solvents, polymeric solutions
<b>COSMETICS</b>	Essential oils, perfumes, soaps
<b>PAINTS</b>	Liquid resins, aqueous paints
<b>HYDRAULICS</b>	Hydraulic and diathermic oils
<b>AUTOMOTIVE</b>	Electrophoretic solutions
<b>WATER TREATMENT</b>	Ultrafiltration and reverse osmosis

#### WATER FLOW RATE ON 10" CARTRIDGE

CODE	FILTRATION GRADE micron	RECOMMENDED MAX FLOW RATE (l/h)
005	0,5	2000
010	1,0	2000
020*	2,0	2000
050	5,0	3000
100	10,0	4000
200	20,0	4000
400	40,0	4000

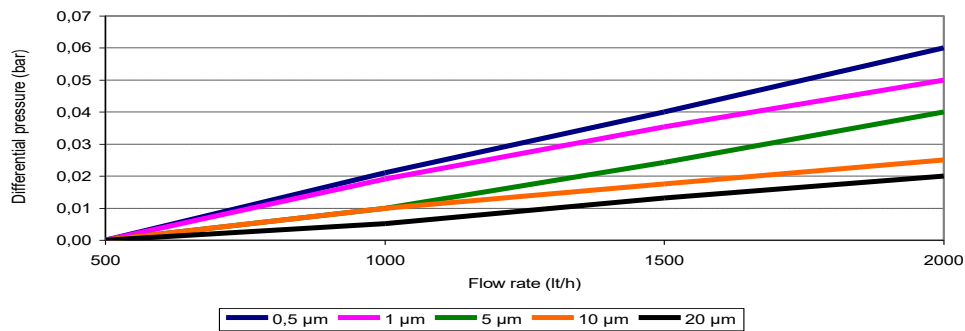
#### CONSTRUCTION MATERIAL

<b>FILTER MEDIA</b>	316L Stainless Steel sintered fibers
<b>INTERNAL CORE</b>	316L Stainless Steel
<b>END CAPS</b>	316L Stainless Steel

#### OPERATING SPECIFICATION

<b>- max. continuous temperature</b>	350 °C
<b>- steam sterilization cumulative time</b>	Repeatedly sterilizable with cycles of 30' at 135°C
<b>- chemical sanitization</b>	Can be regularly sanitized by chemical agents
<b>- pressure drop recommended for replacement</b>	10 bar at 25°C
<b>- max. pressure drop</b>	15 bar at 25 °C
<b>- regenerability</b>	Steam, chemical agents or in backwashing

## PRESSURE DROP WITH WATER ON 10" CARTRIDGE



## STEELPORE—SLP ORDERING INFORMATION

**SLP - 207 1 - 010 - BQ - SB -**

CODE	CONFIGURATION
200	DOE
206	Code 7 with flat top
207	Code 7
208	Code 8
20A	SOE 1' NPT
20B	SOE 1.5' NPT
20C	SOE 2' NPT

CODE	PACKING
SB	Single box

CODE	PRODUCT GRADE
BQ	Biological grade
GG	General grade
WG	Industrial grade

CODE	O-RING	
No code	Standard	Silicone
E	Special	EPDM
V	Special	VITON
N	Special	BUNA
F	Special	FEP

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

FILTRATION GRADE. (micron)	CODE
0,5	005
1,0	010
2,0	020*
5,0	050
10,0	100
20,0	200
40,0	400

\* Culinary steam (3A standard 609-01)

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.



**Bea Technologies Spa Via Newton, 4 - 20016 Pero (Milano) ITALY**  
 Tel +39 02 339271 FAX +39 02 3390713 e-mail: [info@bea-italy.com](mailto:info@bea-italy.com)  
 web: [www.bea-italy.com](http://www.bea-italy.com)