



CleverFilter®

THE FILTRATION PEOPLE

[www.cleverfilter-group.com](http://www.cleverfilter-group.com)

## FILTER BAG

### High Temperature Resistant Filter Bag



#### Features

- Filter media 100% steel wire mesh (SS304)
- Alternative for traditional high temperature bags made from Nomex®, Teflon® or fiber glass media
- 25 µm – 800 µm nominal ratings
- SS304 steel snap-fit ring
- Fiber migration & extractable free media treatment
- Broad chemical compatibilities
- Recommended change out pressure differential 0.15 MPa max. 0.2 MPa ( 1.5 bar – 2.0 bar )

#### Benefits

- **Easy Installation** – no tools required
- **High temperature resistance** – up to 350°C
- **Available sizes** – standard sizes but also customized for an optimal process adaptation
- **High tensile strength** – limited rounds of backwash is acceptable
- **Low Disposal Cost** – to further improve economics

#### Applications

- Water treatment
- Food and beverage
- Frying oils and fats
- Petro-chemical
- Bulk and fine chemical
- Many others

Nomex and Teflon are registered trademarks of E.I. du Pont de Nemours and Company

SSM SS304 wire mesh bag R2SR-R0PR\_eng



Product category  
**SSM**

High temperature resistant bag  
Stainless steel wire mesh

**Technical Data**

Sizes	Material	Seam Treatment	Length [mm]	Ø [mm]	Filter Area [m²]	Volume [l]	Housings e.g
size 1	SS304, cotton	stitched	420	180	0.25	8.0	HEXB23, HTWB23
size 2	SS304, cotton	stitched	820	180	0.50	17.5	HEXB45, HTWB45
size 3	SS304, cotton	stitched	230	100	0.09	1.5	HEXB6, HTWB6
size 4	SS304, cotton	stitched	380	100	0.15	2.5	HEXB10, HTWB10

**Product Code**

**SSM – 100 – SE – ST 2**

Filter media:

SSM : Stainless steel SS304

Size: Ø \* L [mm]:

- 1 : 180 \* 420
- 2 : 180 \* 820
- 3 : 100 \* 230
- 4 : 100 \* 380

Retention rate nominal [µm]:

25 ; 35 ; 45 ; 55 ; 65 ; 75 ; 100 ; 125 ; 150 ;  
175 ; 200 ; 250 ; 300 ; 400 ; 600 ; 800

Ring:

ST: SS304 snap-fit  
Other types on request

SE: stitched