

Distributed by:

**NELSON JAMESON**  
INC.

800-826-8302 nelsonjameson.com



# Close at hand

Strainers for Hygienic Fluid Handling Equipment,  
October 2023



# Everything at your fingertips

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Tackle the challenges you face with innovative Alfa Laval solutions for hygienic applications. Regularly updated, this convenient online catalogue gives you fast access to our comprehensive product range.

Sustainability is at the core of Alfa Laval technologies. These hygienic components and equipment can help you reduce emissions, contamination risks, energy and water use, and total cost of ownership. They also increase uptime, safety and product integrity.

Wherever you are, you have fast access to the components, equipment and expertise you need through the Alfa Laval global network of more than 1500 partners, supported by our sales companies worldwide. Using our [eBusiness portal](#), our channel partners can locate the products you need, order equipment, or track shipments in real time.

To make your life easier, take advantage of Alfa Laval tools and resources. Simply click on the sales item number to view or download 3D CAD models and 2D drawings from our [CAD portal](#). Or download product documentation, including Q-doc documentation for our UltraPure portfolio, [here](#).

Discover a world of hygienic solutions.

[www.alfalaval.com](http://www.alfalaval.com)

## Pumps

### Centrifugal pumps



LKH



LKH UltraPure



LKH Evap



LKH-HPF



LKH Multistage

## Valves

### Double seat valves



Aseptic Mixproof



Unique Mixproof



Unique Mixproof 3-body



Unique Mixproof CP-3



Unique Mixproof UltraPure



Unique Mixproof Large Particle

### Diaphragm valves



Unique DV-ST UltraPure



DV-ST Multiport

### Ball valves



SBV Sanitary

### Shutter valves



Koltek Valves

### Regulating valves



Unique RV-ST



Unique RV-P

## Heat transfer

### Gasketed plate heat exchangers



Hygienic line



FrontLine



BaseLine



Industrial line

## Tank equipment

### Tank cleaning machines



SaniJet 25 UltraPure



SaniJet 20 UltraPure



TJ40G



TJ 20G



GJ PF FT



GJ A6



GJ 9



MultiJet 25



MultiJet 45

### Agitators



ALS and ALS-SB



ALB



ALT



ALTB

### Mixers



Hybrid Powder Mixer



Rotary Jet Mixer



LeviMag®



LeviMag® UltraPure

## Installation material

### Hygienic tubes and fittings



Flanges, clamps and unions



Bends, tees and reducers



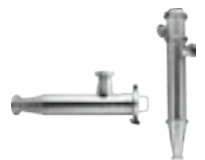
Tubes and tube support

### UltraPure tubes and fittings



UltraPure tubes and fittings

### Filters and strainers



Strainers



Rotary lobe pumps



LKH Prime



LKH Prime UltraPure



SolidC



OptiLobe



SRU

Double seal valves

Single seat valves



Unique Mixproof PMO Curd



Unique Mixproof Tank Outlet



Unique Mixproof Horizontal Tank



SMP-BC



SMP-BC 22



Unique SSV



Unique SSV Change-over



Unique SSV FDV

Control/Check valves

Safety valves



CPM-2



LKC-2 Non-Return



LKC UltraPure



Unique Vacuum Breaker



LKUV-2 Air-Relief



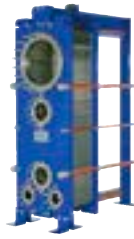
Safety Valve



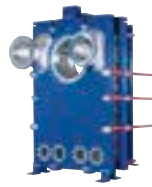
SB Anti Vacuum House



TS-series



AlfaCond



AlfaVap

Fusion-bonded plate heat exchangers

Brazed plate heat exchangers



AlfaNova



Brazed PHE



GJ 4



SaniMicro



SaniMidget



SaniMagnum



SaniMidget SB



SaniMagnum SB



SaniMega SB

Static spray balls



LKRK Static Spray Ball

Wall mounted cleaning nozzles



PlusClean®/PlusClean® UltraPure

Tank covers

Tank accessories



LKDC-LP



Type R



LKD



Type CG



Type C



Sight glasses



Tank feet

Membranes and filters

Membranes

Auxiliary membrane equipment



Spiral membranes



Plate and frame module



Flat sheet membranes



Test units



Housing



ATD Couplers



Safety filters

Circumferential piston pumps



SX



SX UltraPure



DuraCirc



DuraCirc Aseptic



Twin Screw

Twin screw pumps



Unique SSV Aseptic



SSV Tangential



Unique SSV Tank Outlet



Unique SSV Manual



Unique SSSV Small Single Seat



LKB



LKB-F



LKB UltraPure

Butterfly valves

Sampling valves



SB Anti Vacuum Valve



SB Pressure Relief Valve



Unique Sampling Valve



SB Membrane Sample Valve



SB Micro Sample Port



SB Micro Sample Port Type M

Welded spiral heat exchangers



Spiral Heat Exchangers

Welded plate and block heat exchangers



Combabloc Free Flow

Scraped surface heat exchangers



Contherm

Tubular heat exchangers



Pharma-line S and P



Pharma-line Point of Use

Automation

Sensing and control



ThinkTop V70



ThinkTop V50



ThinkTop D30



ThinkTop Basic Intrinsically Safe



IndiTop



Unique Control LKB

Condition monitoring

Cleaning validation



CM Connect



CM



Rotacheck

Service and spare parts

Service tools



Service kits



Service tools valves



Service tools mixing and blending



Service tools tank cleaning



Service tools pumps

# Alfa Laval Stainless Steel and Rubber Materials

## Technical Information

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### Stainless Steel

Our stainless steel material have the following demands to the contents of the most essential alloys:

Descriptions	Standard	Chrome Cr%	Nickel Ni%	Molybdenum Mo%	Carbon C%
AISI 304	ASTM A270	18.0-20.0	8.0-10.5	0.0	≤ 0.08
AISI 304L	ASTM A270	18.0-20.0	8.0-12.0	0.0	≤ 0.03
AISI 316L	ASTM A270	16.0-18.0	10.0-14.0	2.0-3.0	≤ 0.03
1.4301 (304)	EN 10088-1 (X 5CrNi18-10)	17.0-19.5	8.0-10.5	0.0	≤ 0.07
1.4307 (304L)	EN 10088-1 (X 2CrNi18-9)	17.5-19.5	8.0-10.0	0.0	≤ 0.03
1.4401 (316)	EN 10088-1 (X 5CrNiMo17-12-2)	16.5-18.5	10.0-13.0	2.0-2.5	≤ 0.07
1.4404 (316L)	EN 10088-1 (X 2CrNiMo17-12-2)	16.5-18.5	10.0-13.0	2.0-2.5	≤ 0.03
1.4435 (316L)	EN 10088-1 (X 2CrNiMo18-14-3)	17.0-19.0	12.5-15.0	2.5-3.0	≤ 0.03
1.4571 (316Ti)	EN 10088-1 (X6CrNiMoTi17-12-2)	16.5-18.5	10.5-13.5	2.0-2.5	≤ 0.08

### Rubber Materials

In order to obtain the longest possible lifetime for rubber seals it is essential to choose the right quality for the actual duty. Consequently when choosing rubber quality, the characteristics of the different rubber types should be considered. All product wetted rubber material are in conformity of FDA.

#### EPDM Rubber (Ethylene Propylene)

EPDM rubber is widely used within the food industry as it is resistant to most products used in this sector. Another advantage is that it may be used to a recommend max. temperatures of 140°C (244°F). However, there is one essential limitation, EPDM is not resistant to organic and non-organic oils and fats.

#### Acrylonitrile Butadiene Rubber, NBR

NBR is the rubber type most frequently used for technical purposes. It is quite resistant to most hydrocarbons, e.g oil, grease and fat. It is sufficiently resistant to diluted lye and nitric acid and may be used to a recommended max. 95°C (203°F). As NBR is attacked by ozone it may not be exposed to ultraviolet rays and should thus consequently be stored so that this is avoided.

#### Silicone rubber, Q

The most significant quality of silicone rubber is that it can be applied from temperatures below -50°C (-58°F) to approx. + 180°C (356°F) and still keep its elasticity. The chemical resistance is satisfactory to most products. However, undiluted lye and acids as well as hot water and steam may destroy silicone rubber. The resistance to ozone is good.

#### Fluorine rubber, FPM

FPM is often used when other rubber types are unsuited, especially at high temperatures up to approx. 180°C (356°F). The chemical resistance is good to most products, however hot water, steam, lye, acid and alcohol should be avoided. The resistance to ozone is good.

#### Hydrogenated acrylonitrileButadiene Rubber, HNBR

Mechanically strong and normally resistant to ozone and strong oxidizers, animal and vegetable fats, nonpolar solvents, oils and lubricants, water and aqueous solutions. The recommend max. temperature is 130°C (266°F).

## Perfluoroalkoxy polymer, PFA

PFA is very similar to PTFE, but opposite to those PFA is thermo plastic and has minimal porosity. PFA has a very high mechanical strength which makes it a perfect choice when dealing with abrasive products. The PFA seal offers longer service intervals. The recommended max. temperature for the PFA seal is 90°C (194°F).

## Product and chemical resistance of flexible rubber materials

The information below is intended as an aid in selecting the best rubber quality for an actual application. It is not possible to state any general lifetime of rubber seals as many factors influence it: chemical attack, temperature, mechanical wear etc. Extreme temperatures, even within the generally accepted limits, may worsen other kinds of attack and thus reduce the lifetime.

### Ratings

1 = Unsuitable.

2 = Limited suitability.

3 = Normal suitability.

4 = High suitability.

- = Not recommended for other reasons.

The table contains data which have been compiled from the results of our own tests and the recommendations of our raw material suppliers. The data should be considered as recommendations only and will be brought up-to-date from time to time. They are based on constant contact with the specified product.

In case of doubt or lack of information it would be advisable to consult us directly, which will enable us to investigate specific applications.

Product or process	NBR <sup>1)</sup>	HNBR <sup>2)</sup>	EPDM <sup>3)</sup>	Q <sup>4)</sup>	FPM <sup>5)</sup>	PTFE <sup>6)</sup>
Dairy products (milk, cream)	3	3-4	3-4	3-4	-	3-4
Dairy products (sour milk products)	3	3-4	3-4	3-4	-	3-4
Brewery products (beer, hops etc.)	3	3-4	3-4	1-2	2-3	3-4
Wine and yeast	3	3-4	4	4	2-3	3-4
Animal and vegetable fats: 100°C	3	4	1-2	3	4	3-4
Water and water solutions < 70°C	3	4	4	3	2-4	3-4
Hot water and steam < 130°C	1	4	4	2	-	3-4
Concentrated fruit juices and etheral oils < 100°C	1	-	1	1	3	3-4
Non-oxydising acids < 80°C	1-2	2	3	1-2	2	3-4
Oxydising acids < 80°C	-	2	3	1	2	3-4
Weak concentrate of lye < 100°C	2	3-4	4	2	2	3-4
Strong concentrate of lye < 100°C	1	2-3	3	1	1	3-4
Mineral oils < 110°C	3	4	-	-	4	3-4
Aliphatic carburetted hydrogen (hexane)	3	3	1	1	4	3-4
Aromatic carburetted hydrogen (benzole)	1	2	1	1	3	3-4
Alcohols	1-3	2-3	2-3	3-4	3-4	3-4
Ester and ketones	1-2	1-2	1-2	1-2	3-4	3-4
Ether	1	2	1	1-3	3-4	3-4
Methylene chloride	1	2	1	2-3	3-4	3-4
Ozone and atmospheric conditions	1-2	3	4	4	3-4	3-4

International designation of flexible rubber materials according to ISO R 1629.

ISO = International standard.

### Notes

	Designation of flexible rubber materials	Abbreviation symbol
1)	Nitrile rubber	N
2)	Hydrogenated acrylonitrile rubber	H
3)	Ethylene propylene rubber	E
4)	Silicone rubber	Q
5)	Fluorinated rubber	F
6)	Polytetraflour ethylene	

# Compliance and certification

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We can provide documented and certified compliance with a broad spectrum of relevant international and local hygiene standards, worldwide. This helps you significantly reduce the engineering costs of setting up and operating standard-compliant processing plants around the world.

Please find below some examples of regulations, standards, and guidelines applicable to our products used in hygienic applications.

More information can be found in Instruction Manuals on [alfalaval.com](http://alfalaval.com) page.

For special requests please contact your local Alfa Laval organization.



Authorized to carry the 3A symbol

The mission of 3-A SSI is to enhance product safety for consumers of food, beverages, and pharmaceutical products through the development and use of 3-A Sanitary Standards and 3-A Accepted Practices. The 3-A symbol is a registered mark used to identify equipment that meets 3-A Sanitary Standards for design and fabrication.



ATEX-directive is the popular name for the European Directive 2014/34/EU setting the rules for equipment and protective systems intended for use in potentially explosive atmospheres.

Compliance to the Regulation (EC) No. 1935/2004.



The framework regulation (EC) No. 1935/2004 regulates food contact materials and articles within EU. It includes several requirements for materials and articles intended to come into contact with food to ensure material safety. The glass and fork symbol may be used to indicate that the relevant requirements stated in (EC) No. 1935/2004 are met.



CE marking is a mandatory conformity mark for products placed on the market in the European Economic Area (EEA). With the CE marking on a product the manufacturer ensures that the product conforms with the essential requirements of the applicable EC directives. The letters "CE" stand for "Conformité Européenne" ("European Conformity").



UKCA marking is a mandatory conformity mark for products placed on the market in Great Britain (England, Scotland, and Wales). With the UKCA marking the manufacturer ensures that the product conforms with the relevant requirements of the applicable legislations.



Within United States, requirements for food contact materials and articles are specified by the Food and Drug Administration (FDA) and are regulated under the Code of Federal Regulations, Title 21 "Food and drugs", Parts 170-199 "Food for human consumption".

**USP Class VI /  
ISO 10993**

The United States Pharmacopeia (USP) standards, chapter 87 and 88, and International Organization for Standardization (ISO) standard 10993, sections 5, 6, 10 and 11, specifies requirements to ensure biocompatibility of product contact parts intended to be used in pharma applications.





The American Society of Mechanical Engineers Bioprocessing Equipment (ASME BPE) is the Bioprocess Equipment group of the ASME that provides engineers and quality control professionals a measurable way to specify and purchase equipment for the Biotechnology, Pharmaceutical and Personal Care Products industries.

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# Filters and strainers

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# Strainers

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# Alfa Laval Mainstream®

## Filter/Strainer

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### Introduction

The Alfa Laval Mainstream® Filter/Strainer removes particles from process streams with high flow rates, ensuring product quality and hygiene as well as protecting equipment from clogging, fouling and corrosion. This reduces the risk of unplanned downtime and prolongs equipment maintenance intervals.

Versatile and cost-effective, this basket-style filter/strainer with its free-flow design and side-entry ports features a large surface area and side-entry port to handle high flow rates with minimal pressure drop. It is also able to handle a wide range of disposable filter and reusable strainer media, providing maximum application flexibility.

### Application

The Mainstream® Filter/Strainer is designed to remove particles from process streams thereby promoting product quality and hygiene, while protecting processing equipment. It is widely used across the dairy, food, beverage, meat and poultry, personal care, and pharmaceutical industries.

### Benefits

- Faster throughput and more efficient particle removal
- Hygienic, corrosion-resistant construction
- Quick, easy disposal of particles inside the basket or bag
- Reduced media changeover due to large filtration surface area

### Standard Design

The Mainstream Filter/Strainer consists of stainless steel side-entry housing and filter/strainer basket with free-flow design that can accommodate a wide range of filter and strainer media.

For filtration applications, the unit incorporates a perforated stainless steel basket designed to hold disposable filter bags. It is possible to achieve fine filtration for removal of particles down to 0.5 micron in size. For strainer applications, the unit can be fitted with a Vee-Wire® baskets or basket made of perforated metal. Two model sizes – short model (1.7 sq. ft.) and long model (3.8 sq. ft.) – are available to accommodate a wide range of capacities.



To ensure safe operation, the filter/strainer comes with a standard pressure relief cover with manual valve and drain elbow assembly.

The inside-outflow prevents basket damage and, the unique handle with lock design for positive O-ring sealing prevents bypass and improves efficiency (US Patent No 4,775,469).

### Working principle

With their large surface area, Mainstream® filters and strainers combine high flow rates, low pressure drop, and simple cleanup and servicing. High capacity and long filter cycles mean Mainstream® filters and strainers need significantly less servicing – all particles are contained inside the basket (or bag) for quick, easy disposal. The Mainstream® housing stays in the processing line; only the basket is removed during change-over. The end result for you is more efficient separation, faster throughput, and reduced media change over due to the larger surface area of the Mainstream®.

## Cleaning

The Mainstream® housing is approved for CIP (cleaned in place). All internal components must be removed for COP (Cleaned out of place).

Refer to Filter/Strainer instruction manual for complete cleaning instructions.

Warning: Reverse flow or back flushing can result in damage to the internal components.

## TECHNICAL DATA

### Materials

Product wetted steel parts:	AISI 316L Stainless Steel
Other steel parts:	AISI 304 Stainless Steel
Finish:	32 μ-inch (0.8 mm) Ra on product contact surfaces
Product wetted seals:	Buna, EPDM, SFY (Fluorelastomer)
Other:	SEF cam lock - UHMW, Relief valve handle - UHMW

## OPERATING DATA

### Nominal Temperature and Pressure Ratings

Buna N gaskets effective up to:	200 °F
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### Maximum working pressure

At 70 °F, Buna N's :	200 psi
At 190 °F, Buna N's:	80 psi

### Gaskets

Steam Resistant Fluorelastomer/Silicone gaskets are effective up to:	350 °F
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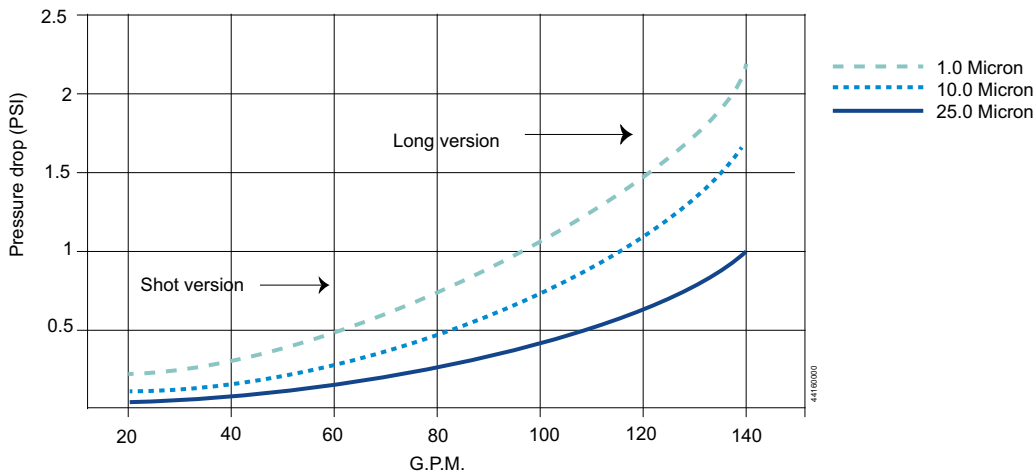
### Maximum working pressure

At 70 °F, Fluorelastomer/Silicone's :	200 psi
At 350 °F, Fluorelastomer/Silicone's:	50 psi

### Maximum Pressure Differential

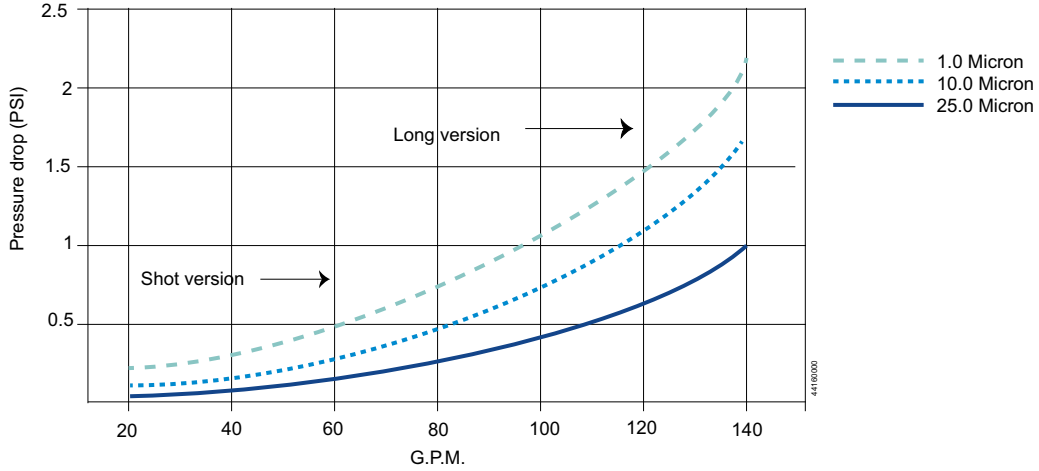
SES Strainer (perforated metal):	50 psi
SEF Filters:	10 psi or application dependent
SEB Single Coarse Strainer:	100 psi
SEBHWV Vee-Wire® Strainer:	See charts below

## Filter Pressure Drop Curves / Mainstream Filters Model 1 and 2



Curve is based on water Max. flows for LONG and SHORT units shown. Curve is typical for listed micron ratings.

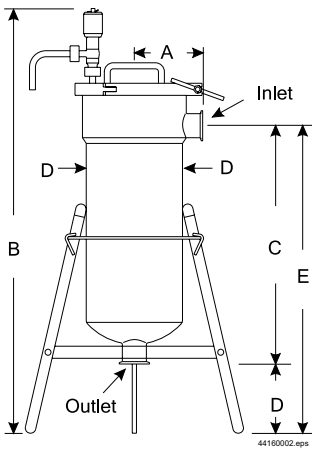
### Strainer Pressure Drop Curves / Mainstream Strainers Model 1 and 2



Curve is based on water. Max. flows for LONG and SHORT units shown. Curve is typical for all size perforations.

Contact AL for higher flows and non-water application recommendations.

### Dimensions (inch)



**Note!** Mainstream filter/strainer stand optional. Order separately.

Model	Inlet / Outlet Diameter	Dimensions for Tri-Clamp®				
		A	B	C	D	E
Model 1 (Short)	2"	5 <sup>11</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>8</sub>	19 ¼	8	27¼
	3"	5 <sup>11</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>8</sub>	19¾	8	27¾
	4"	6 <sup>5</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>8</sub>	20¼	8	28¼
Model 2 (Long)	2"	5 <sup>11</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>8</sub>	35¼	8	43¼
	3"	5 <sup>11</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>8</sub>	35¾	8	43¾
	4"	6 <sup>5</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>8</sub>	36¼	8	44¼

### Effective filter area

Short	1.7 ft.2
Long	3.8 ft.2



## Filter Media (for SEF Filter) Product Compatibility and Temperature



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Media Code	Fiber	Maximum Temperature	Product Compatibility and Temperature				
			Inorganic Acid	Organic Acid	Alkali	Vegetable Oils	Organic Solvents
PPR (Standard)	Polypropylene	200 °F	◆		◆	◆	◆
PES (Standard)	Polyester	300 °F	◆	◆	◆	◆	◆
NY	Nylon	250 °F	◆		◆	◆	◆
NMO	Nylon Monofilament	250 °F	◆		◆	◆	◆

Micron ratings available from 0.5 to 800 micron. Not all filter materials are available in all micron choices - Contact AL.

## Strainer Media Selection. Vee-Wire® (SEBHVW Strainer)



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Code	Space Between	Pressure Differential	Micron Equivalent
A	.005	100	127
B	.0075	100	190
C	.010	85	254
D	.015	85	381
E	.020	70	508
F	.025	70	635
G	.030	55	762
H	.035	55	889

Vee-Wire® is a registered trademark of US Filter.

Mainstream units with filters, V-wire, or perforated metal strainers are authorized to carry the 3A symbol.

## Perforated Material



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Code	Description	Micron Rating	% of Open area
A (SES)	.033 dia./24 ga.	838	20.0
C (SES)	.062 dia./22 ga.	1590	30.0
D (SEB)	.09375 dia./18 ga.	---	33.0
E (SEB)	.125 dia./18 ga.	---	40.0
G (SEB)	.250 dia./18 ga.	---	58.0

## Options

### Equipment

- Mainstream® floor stand
- Wall mounting bracket
- Aluminum Bronze (BR) Relief Valve Handle
- Aluminum Bronze (BR) Cam lock on SEF
- Alternative connections (Tri-Clamp® standard)

### Ordering

Please state the following when ordering:

- SES, SEF, SEB, SEBHVW
- Short unit or long unit
- Port connection size
- Elastomers
- Micron or perforation size of Filter or Strainer
- Options

# Alfa Laval Streamline™

## Strainers

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### Introduction

The Alfa Laval Streamline™ In-Line Filter/Strainer removes particles from process streams, ensuring product quality and hygiene as well as protecting equipment from clogging, fouling and corrosion. This reduces the risk of unplanned downtime and prolongs equipment maintenance intervals.

Versatile and cost-effective, this filter/strainer with its free-flow design is able to handle a wide range of disposable filter and reusable strainer media, providing maximum application flexibility.

### Application

The Streamline™ In-Line Filter/Strainer is designed to remove particles from process streams thereby promoting product quality and hygiene, while protecting processing equipment, such as homogenizers, meters, spray nozzles, needle valves, and pumps. It is widely used across the dairy, food, beverage, meat and poultry, personal care, and pharmaceutical industries.

### Benefits

- Promotes product quality and hygiene
- Protects processing equipment
- Hygienic, lightweight and corrosion-resistant construction
- Easy to maintain without removing from the process line
- Approved for use in plants that produce meat, poultry, and/or egg products regulated by USDA Food Safety and Inspection Service

### Standard Design

The Streamline™ In-Line Filter/Strainer consists of AISI 316 stainless steel housing, filter or perforated metal single screen or overscreen strainer, pullout top (similar to Mainstream® design), and clamp connections. Available in two lengths to provide optimum filtration area for the application and/or with inlet positioned on the side of the unit.

The Streamline™ In-Line Filter version can be supplied with one of five filtering media, down to 40 microns, including woven and non-woven polypropylene and polyester materials and nylon mesh. The Streamline™ In-Line Strainer version can be furnished with a single-perforated screen for removing large



particles, or with a backup tube and overscreen with small perforations for removing fine particles.

### Working principle

The Streamline™ filters and strainers are designed to promote product quality and sanitation, while protecting processing equipment such as homogenizers, meters, spray nozzles, needle valves, and pumps.

### Cleaning

The Streamline™ housing is approved for CIP (cleaned in place). All internal components must be removed for COP (Cleaned out of place).

Refer to Filter/Strainer instruction manual for complete cleaning instructions.

Warning: Reverse flow or back flushing can result in damage to the internal components.

## TECHNICAL DATA

### Temperature

Temperature range:	250 °F max.
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Footnote: (with fluorelastomer gaskets)

### Pressure

Pressure range at 70 °F:	300 PSI
Pressure range at 210 °F:	180 PSI

### Maximum Differential Pressure

Single strainer:	- 50 PSI
Overscreen:	- 25 PSI
Filter:	- 15 PSI


## PHYSICAL DATA

### Materials

Product wetted steel parts:	AISI 316/316L Stainless Steel
Other steel parts:	AISI 304 Stainless Steel
Finish on product contact surfaces:	Ra 32 μ-inch (0.8mm)
Product wetted seals:	Buna, SFY (fluorelastomer)




#### Filtration

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Streamline filters can be furnished with any one of five filtering media, down to 40 microns, including woven and non-woven polypropylene and polyester materials and nylon mesh.




#### Fine or Medium Strainer

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Complete with a backup tube and overscreen with small perforations for removing finer particles (838 to 1590 microns).

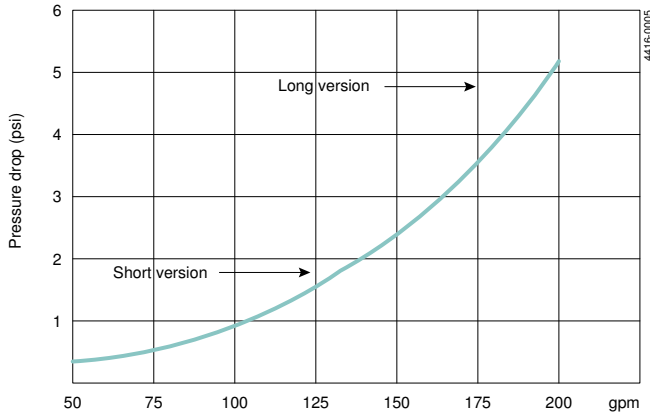


#### Coarse Strainer

 Authorized to carry the 3A symbol

Furnished with a single perforated screen for straining large particles.

## Pressure Drop Curves

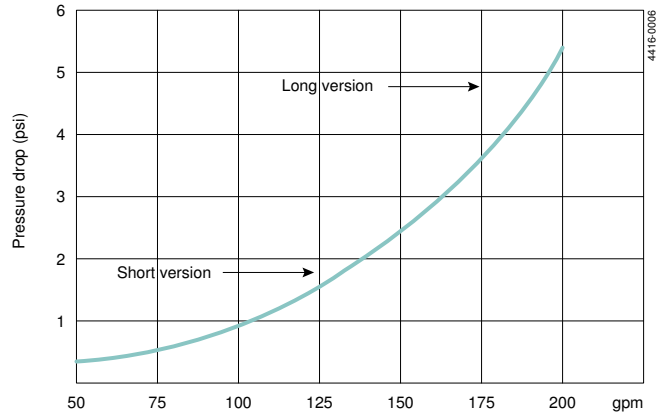


**Figure 1. Filter Pressure Drop Curves**

Streamline Filters Model 1 and 2

Curve is based on water.  
Max. flows for LONG and SHORT units shown.  
Curve is typical for all filter socks.

Contact AL for sizing of non-water applications.

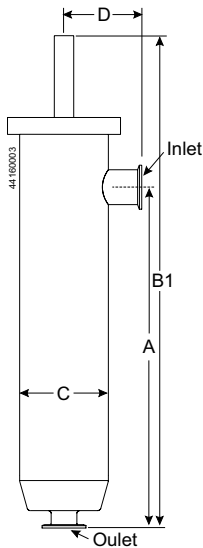


**Figure 2. Strainer Pressure Drop Curves**

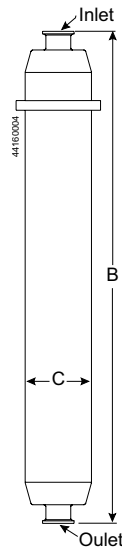
Streamline Strainers Model 1 and 2

Curve is based on water.  
Max. flows for LONG and SHORT units shown.  
Curve is typical for all perforations.

## Dimensions



**Figure 3. Side-Entry Streamline**



**Figure 4. Standard Streamline**


## Streamline (inches)

Connection Size	Tri-Clamp® Connections				Outer Assembly		Effective Filter Area (ft. <sup>2</sup> )
	Length (in.) A	Length (in.) B	Length (in.) B1	Length (in.) D	Diameter (in.) C		
Short	1	15 <sup>3/8</sup>	15 <sup>3/4</sup>	22 <sup>1/4</sup>	3 <sup>1/2</sup>	4	0.65
	1 <sup>1/2</sup>	15 <sup>3/8</sup>	15 <sup>3/4</sup>	22 <sup>1/4</sup>	3 <sup>1/2</sup>	4	0.65
	2	15 <sup>3/8</sup>	15 <sup>3/4</sup>	22 <sup>1/4</sup>	3 <sup>1/2</sup>	4	0.65
	2 <sup>1/2</sup>	15 <sup>3/8</sup>	15 <sup>3/4</sup>	22 <sup>1/4</sup>	5	4 <sup>1/2</sup>	0.75
	3	15 <sup>3/8</sup>	15 <sup>3/4</sup>	22 <sup>1/4</sup>	5	4 <sup>1/2</sup>	0.75
Long	1 <sup>1/2</sup>	35	35 <sup>3/8</sup>	41 <sup>7/8</sup>	3 <sup>1/2</sup>	4	1.95
	2	35	35 <sup>3/8</sup>	41 <sup>7/8</sup>	3 <sup>1/2</sup>	4	1.95
	2 <sup>1/2</sup>	35	35 <sup>3/8</sup>	41 <sup>7/8</sup>	5	4 <sup>1/2</sup>	2.25
	3	35	35 <sup>3/8</sup>	41 <sup>7/8</sup>	5	4 <sup>1/2</sup>	2.25



## Replacement Strainer Selection


### Perforated Metal Strainer Single Screens

 Authorized to carry the 3A symbol

Screen Part No.	Port Connections	Gauge	Hole Diameter (in.)	Holes Per Square Inch	Percent of Open Area
09G <sup>1</sup>	1, 1 <sup>1/2</sup> , 2	14	1/4 / .250	9	58
	2 <sup>1/2</sup> , 3	12	1/4 / .250	9	58
09D	1, 1 <sup>1/2</sup> , 2	16	3/32 / .093	47	33
09E	1, 1 <sup>1/2</sup> , 2	14	1/8 / .125	33	40
	2 <sup>1/2</sup> , 3	12	1/8 / .125	33	40
09V	2 <sup>1/2</sup> , 3	12	3/16 / .187	18	51

<sup>1</sup> Note: All strainers using over screens require a backup tube — the recommended type G screen will be furnished as standard backup tube in all Alfa Laval filters and strainers.


### Perforated Metal Over Screens

 Authorized to carry the 3A symbol

Screen Part No.	Gauge	Hole Diameter (in.)	Micron Rating	Holes Per Square Inch	Percent of Open Area
44A	26	.033	838	236	20
44B	26	.050	1270	132	26
44C	26	.062	1590	97	30
44U <sup>1</sup>	26	.040	1015	179	23

<sup>1</sup> Available only in long units.

## Replacement Filter Media Schedule

 Authorized to carry the 3A symbol


Media	Micron Rating <sup>1</sup>	Description
30B	513	100% polyester multifilament
30C	300	Polypropylene and polyester
30D	765	Nylon, 26/29 mesh, rectangular opening, (.025" x .030")
30E	40 - 42	Polypropylene
30G	420	Woven nylon, 40 mesh

<sup>1</sup> Estimated

## Ordering

Please state the following when ordering:

- Filter or strainer
- In-line or side-inlet
- Long or short unit
- Connection size
- Filter or strainer choice

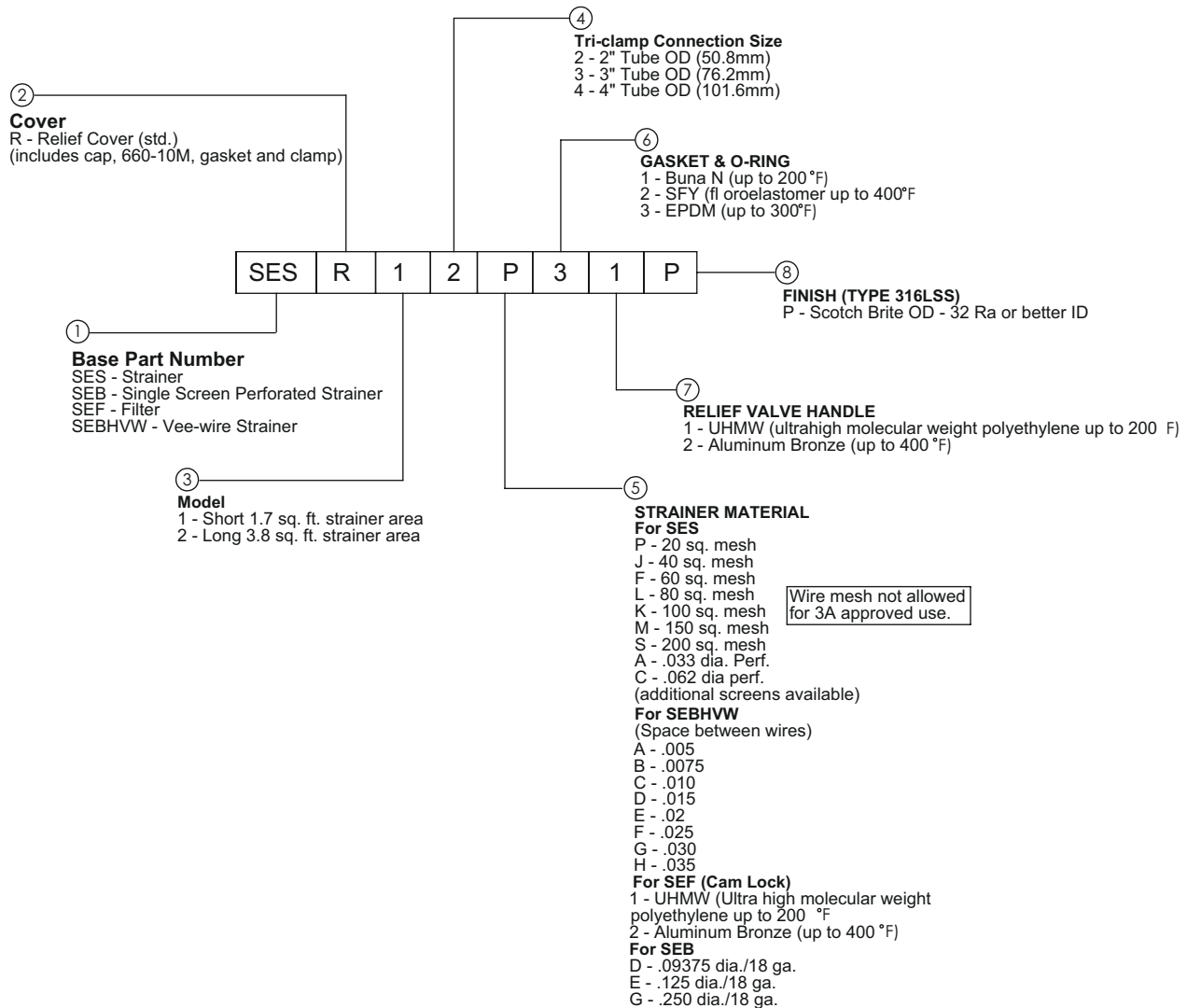
 Authorized to carry the 3A symbol

Streamline units with filters or perforated metal strainers are authorized to carry the 3A symbol.

# Alfa Laval Mainstream

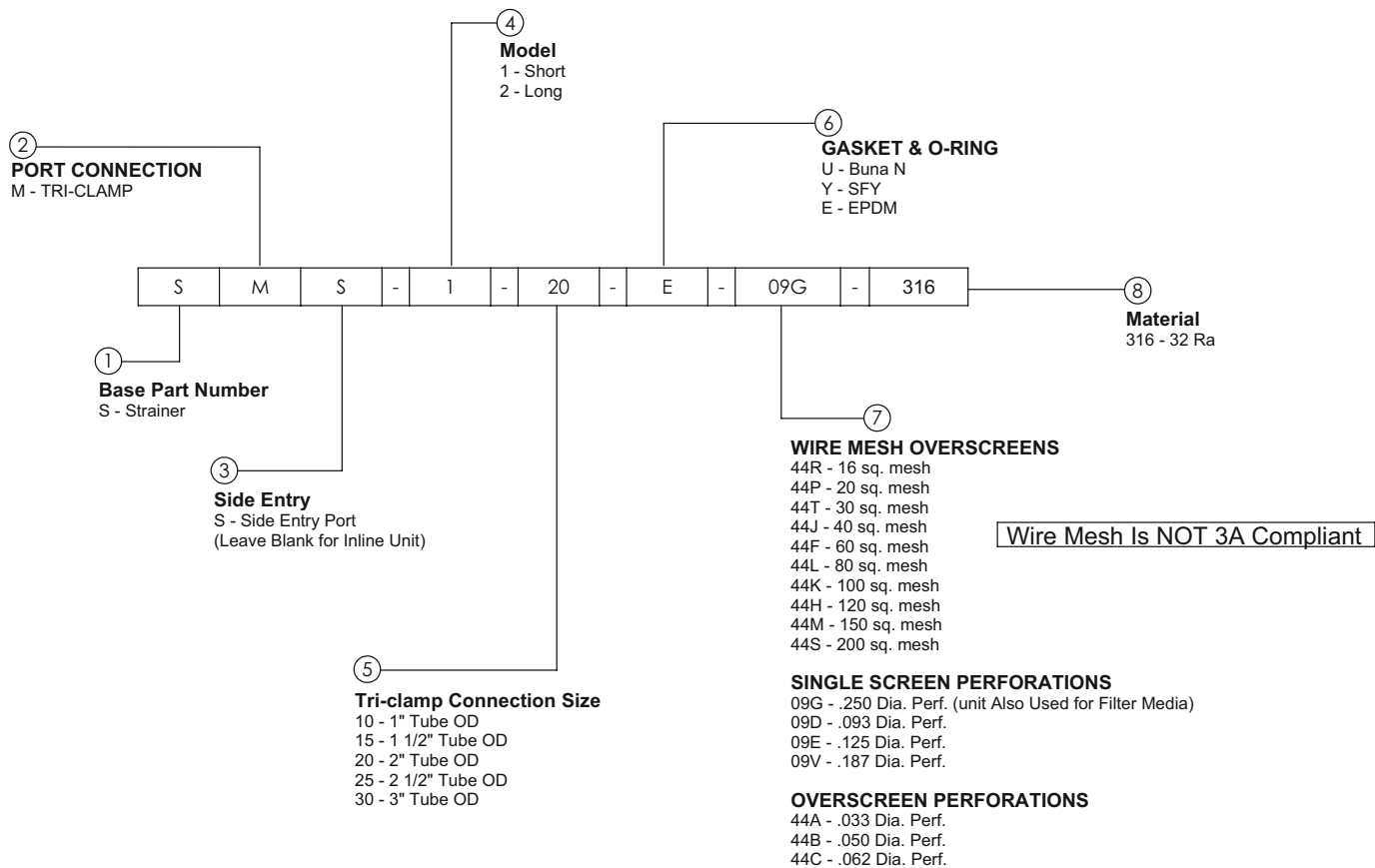
## Product description

### Mainstream



# Alfa Laval Streamline

## Product description





Filters

SEF - Filter - Long

AL SIS Code: 5610  
Mainstream Filter

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Cam Lock	Relief valve handle
	inch			
<b>SEF - Filter - Long</b>				
221047	2.0	Buna	UHMW	1 - UHMW
221256	2.0	Buna	AL Bronze	1 - UHMW
9634096955	2.0	EPDM	UHMW	1 - UHMW
221160	2.0	SFY	UHMW	1 - UHMW
9634096130	2.0	SFY	AL Bronze	1 - UHMW
221048	3.0	Buna	UHMW	1 - UHMW
9634053468	3.0	EPDM	UHMW	1 - UHMW
9634051482	3.0	SFY	AL Bronze	1 - UHMW
221113	3.0	SFY	UHMW	1 - UHMW
221240	4.0	Buna	UHMW	1 - UHMW
220956	4.0	EPDM	UHMW	1 - UHMW
9634098927	4.0	SFY	UHMW	1 - UHMW

Filter media must be ordered separately. Filter Media sold in boxes of 10  
Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.  
Mainstreams are available with Aluminum Bronze handles or camlock upon request.

**SEF - Filter - Short**

**Filters**

ALSIS Code: 5610  
Mainstream Filter

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Cam Lock	Relief valve handle
	inch			
<b>SEF - Filter - Short</b>				
221043	2.0	Buna	UHMW	1 - UHMW
9634054073	2.0	EPDM	UHMW	1 - UHMW
3100290	2.0	SFY	UHMW	1 - UHMW
221044	3.0	Buna	UHMW	1 - UHMW
9634100209	3.0	EPDM	UHMW	1 - UHMW
9634051682	3.0	SFY	UHMW	1 - UHMW
9634098141	4.0	Buna	UHMW	1 - UHMW
9634098947	4.0	SFY	UHMW	1 - UHMW

Filter media must be ordered separately. Filter Media sold in boxes of 10  
Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.  
Mainstreams are available with Aluminum Bronze handles or camlock upon request.

Strainers

SEB - Single Screen Perforated Strainer - Long

ALSIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SEB - Single Screen Perforated Strainer - Long</b>				
9634097678	2.0	Buna	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
9634096868	2.0	Buna	Perforated / 0.09375 dia. (18 ga.)	1 - UHMW
9634088570	2.0	EPDM	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
9634048586	2.0	SFY	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
220433	3.0	Buna	Perforated / 0.09375 dia. (18 ga.)	1 - UHMW
221211	3.0	Buna	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
220363	3.0	Buna	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
9634078005	3.0	EPDM	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
9634098809	3.0	EPDM	Perforated / 0.09375 dia. (18 ga.)	1 - UHMW
221261	3.0	EPDM	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
9634098800	3.0	SFY	Perforated / 0.09375 dia. (18 ga.)	1 - UHMW
9634050082	4.0	Buna	Perforated / 0.09375 dia. (18 ga.)	1 - UHMW
319251	4.0	Buna	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
221067	4.0	Buna	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
9634088865	4.0	EPDM	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
9634068561	4.0	EPDM	Perforated / 0.125 dia. (18 ga.)	1 - UHMW

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog. Mainstreams are available with Aluminum Bronze handles or camlock upon request.



## SEB - Single Screen Perforated Strainer - Short

Strainers

AL SIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SEB - Single Screen Perforated Strainer - Short</b>				
221179	2.0	Buna	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
9634077333	2.0	EPDM	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
225271	3.0	Buna	Perforated / 0.125 dia. (18 ga.)	1 - UHMW
221180	3.0	Buna	Perforated / 0.250 dia. (18 ga.)	1 - UHMW
9634094265	3.0	EPDM	Perforated / 0.250 dia. (18 ga.)	1 - UHMW

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog. Mainstreams are available with Aluminum Bronze handles or camlock upon request.

Strainers

SEBHVW - Vee Wire - Long

ALSIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SEBHVW - Vee Wire - Long</b>				
9634097669	2.0	Buna	Vee-Wire / 0.005"	UHMV
9634094744	2.0	EPDM	Vee-Wire / 0.0075"	UHMV
9634098557	2.0	EPDM	Vee-Wire / 0.010"	UHMV
9634099422	2.0	SFY	Vee-Wire / 0.005"	UHMV
221135	3.0	Buna	Vee-Wire / 0.025"	UHMV
221324	3.0	Buna	Vee-Wire / 0.0075"	UHMV
9634049997	3.0	Buna	Vee-Wire / 0.035"	UHMV
221030	3.0	Buna	Vee-Wire / 0.010"	UHMV
9634098619	3.0	EPDM	Vee-Wire / 0.005"	UHMV
221357	3.0	EPDM	Vee-Wire / 0.010"	UHMV
9634100199	3.0	EPDM	Vee-Wire / 0.030"	UHMV
9634088792	3.0	SFY	Vee-Wire / 0.015"	AL BRONZE
9634085470	3.0	SFY	Vee-Wire / 0.035"	UHMV
9634093133	4.0	Buna	Vee-Wire / 0.030"	UHMV
221260	4.0	Buna	Vee-Wire / 0.015"	UHMV
9634087497	4.0	Buna	Vee-Wire / 0.035"	UHMV
9634099237	4.0	Buna	Vee-Wire / 0.020"	UHMV
9634081319	4.0	Buna	Vee-Wire / 0.0075"	UHMV
9634096140	4.0	Buna	Vee-Wire / 0.005"	UHMV
9634049729	4.0	Buna	Vee-Wire / 0.010"	UHMV
9634081516	4.0	Buna	Vee-Wire / 0.025"	UHMV
221354	4.0	EPDM	Vee-Wire / 0.010"	UHMV
9634094439	4.0	EPDM	Vee-Wire / 0.035"	AL BRONZE
9634099317	4.0	EPDM	Vee-Wire / 0.020"	UHMV
3100681	4.0	SFY	Vee-Wire / 0.005"	UHMV

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog. Mainstreams are available with Aluminum Bronze handles or camlock upon request.

**SEBHVW - Vee Wire - Short**

**Strainers**

AL SIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SEBHVW - Vee Wire - Short</b>				
221356	2.0	EPDM	Vee-Wire / 0.010"	UHMV
9634101084	2.0	EPDM	Vee-Wire / 0.015"	UHMV
9634084095	3.0	EPDM	Vee-Wire / 0.010"	UHMV
9634094269	3.0	SFY	Vee-Wire / 0.035"	UHMV
9634084096	4.0	EPDM	Vee-Wire / 0.010"	UHMV
9634098633	4.0	EPDM	Vee-Wire / 0.035"	AL BRONZE

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.  
Mainstreams are available with Aluminum Bronze handles or camlock upon request.

Strainers

SES - Strainer - Long

ALSIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SES - Strainer - Long</b>				
220561	2.0	Buna	Perforated / 0.033 dia. (24 ga.)	UHMV
221083	2.0	Buna	Perforated / 0.062 dia. (22 ga.)	UHMV
9634098140	2.0	Buna	Wire Mesh / 100 Sq	UHMV
9634100416	2.0	Buna	Wire Mesh / 40 Sq	UHMV
221087	2.0	Buna	Wire Mesh / 60 Sq	UHMV
221165	2.0	Buna	Wire Mesh / 20 Sq	UHMV
9634085092	2.0	EPDM	Perforated / 0.062 dia. (22 ga.)	UHMV
221392	2.0	EPDM	Wire Mesh / 40 Sq	UHMV
9634098638	2.0	EPDM	Perforated / 0.033 dia. (24 ga.)	UHMV
9634095789	2.0	EPDM	Wire Mesh / 60 Sq	UHMV
9634100898	2.0	EPDM	Wire Mesh / 20 Sq	UHMV
9634087260	2.0	SFY	Perforated / 0.062 dia. (22 ga.)	UHMV
9634094264	2.0	SFY	Wire Mesh / 100 Sq	AL BRONZE
220229	3.0	Buna	Perforated / 0.033 dia. (24 ga.)	UHMV
221091	3.0	Buna	Perforated / 0.062 dia. (22 ga.)	UHMV
221093	3.0	Buna	Wire Mesh / 40 Sq	UHMV
221095	3.0	Buna	Wire Mesh / 60 Sq	UHMV
221096	3.0	Buna	Wire Mesh / 100 Sq	UHMV
9634096770	3.0	Buna	Wire Mesh / 200 Sq	UHMV
221166	3.0	Buna	Wire Mesh / 20 Sq	UHMV
225268	3.0	Buna	Wire Mesh / 80 Sq	UHMV
220464	3.0	EPDM	Wire Mesh / 40 Sq	UHMV
9634053376	3.0	EPDM	Perforated / 0.033 dia. (24 ga.)	UHMV
9634098890	3.0	EPDM	Wire Mesh / 150 Sq	UHMV
9634080646	3.0	EPDM	Perforated / 0.062 dia. (22 ga.)	UHMV
9634053253	3.0	SFY	Perforated / 0.033 dia. (24 ga.)	UHMV
9634099192	3.0	SFY	Wire Mesh / 200 Sq	UHMV
9634100239	3.0	SFY	Perforated / 0.062 dia. (22 ga.)	UHMV
9634055110	4.0	Buna	Perforated / 0.062 dia. (22 ga.)	UHMV
9634053254	4.0	Buna	Perforated / 0.033 dia. (24 ga.)	UHMV
9634098073	4.0	Buna	Wire Mesh / 80 Sq	UHMV
9634098131	4.0	Buna	Wire Mesh / 100 Sq	UHMV
9634100175	4.0	Buna	Wire Mesh / 150 Sq	UHMV
9634100262	4.0	Buna	Wire Mesh / 40 Sq	UHMV
9634093723	4.0	EPDM	Perforated / 0.033 dia. (24 ga.)	AL BRONZE
9634053377	4.0	EPDM	Perforated / 0.033 dia. (24 ga.)	UHMV
9634054114	4.0	SFY	Wire Mesh / 40 Sq	UHMV
221208	4.0	SFY	Perforated / 0.062 dia. (22 ga.)	UHMV

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog. Mainstreams are available with Aluminum Bronze handles or camlock upon request.

**SES - Strainer - Short**

**Strainers**

ALSIS Code: 5610  
Mainstream Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Relief valve handle
	inch			
<b>SES - Strainer - Short</b>				
221162	2.0	Buna	Wire Mesh / 20 Sq	UHMV
220368	2.0	Buna	Wire Mesh / 200 Sq	UHMV
221056	2.0	Buna	Wire Mesh / 100 Sq	UHMV
9634098714	2.0	Buna	Perforated / 0.062 dia. (22 ga.)	UHMV
9634085288	2.0	EPDM	Perforated / 0.062 dia. (22 ga.)	UHMV
220980	2.0	EPDM	Wire Mesh / 100 Sq	UHMV
9634053380	2.0	EPDM	Perforated / 0.033 dia. (24 ga.)	UHMV
9634097745	2.0	SFY	Perforated / 0.033 dia. (24 ga.)	UHMV
9634088284	2.0	SFY	Wire Mesh / 20 Sq	AL BRONZE
9634088655	3.0	Buna	Perforated / 0.033 dia. (24 ga.)	UHMV
221161	3.0	Buna	Wire Mesh / 20 Sq	UHMV
221059	3.0	Buna	Perforated / 0.062 dia. (22 ga.)	UHMV
220422	3.0	Buna	Wire Mesh / 100 Sq	UHMV
221061	3.0	Buna	Wire Mesh / 40 Sq	UHMV
221063	3.0	Buna	Wire Mesh / 60 Sq	UHMV
9634096298	3.0	Buna	Wire Mesh / 80 Sq	UHMV
9634085589	3.0	EPDM	Perforated / 0.062 dia. (22 ga.)	UHMV
9634078254	3.0	EPDM	Perforated / 0.033 dia. (24 ga.)	AL BRONZE
9634097424	3.0	EPDM	Wire Mesh / 100 Sq	UHMV
9634096299	3.0	EPDM	Wire Mesh / 80 Sq	AL BRONZE
9634098622	3.0	SFY	Perforated / 0.062 dia. (22 ga.)	UHMV
9634100805	4.0	Buna	Wire Mesh / 200 Sq	UHMV
9634093169	4.0	EPDM	Perforated / 0.033 dia. (24 ga.)	UHMV
9634093297	4.0	EPDM	Perforated / 0.062 dia. (22 ga.)	UHMV

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog. Mainstreams are available with Aluminum Bronze handles or camlock upon request.

Strainers

SM - Inline - Long

AL SIS Code: 5610  
Streamline Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Side entry
	inch			
<b>SM - Inline - Long</b>				
220428	1.5	Buna	Perforated / 0.250 dia.	No
220142	2.0	Buna	Perforated / 0.250 dia.	No
220182	2.0	Buna	Perforated / 0.125 dia.	No
220323	2.0	Buna	Wire Mesh / 60 Sq	No
220333	2.0	Buna	Wire Mesh / 80 Sq	No
220334	2.0	Buna	Wire Mesh / 150 Sq	No
220609	2.0	Buna	Wire Mesh / 40 Sq	No
220512	2.0	Buna	Wire Mesh / 30 Sq	No
9636000642	2.0	Buna	Wire Mesh / 100 Sq	No
220175	2.0	Buna	Perforated / 0.033 dia.	No
9636001164	2.0	EPDM	Perforated / 0.062 dia.	No
220370	2.5	Buna	Perforated / 0.125 dia.	No
220373	2.5	Buna	Wire Mesh / 80 Sq	No
220383	2.5	Buna	Perforated / 0.062 dia.	No
220938	2.5	Buna	Wire Mesh / 100 Sq	No
220382	2.5	Buna	Perforated / 0.250 dia.	No
9636000856	2.5	EPDM	Perforated / 0.033 dia.	No
220471	3.0	Buna	Perforated / 0.250 dia.	No
220365	3.0	Buna	Perforated / 0.125 dia.	No
220386	3.0	Buna	Perforated / 0.033 dia.	No
220432	3.0	Buna	Wire Mesh / 30 Sq	No
220546	3.0	Buna	Perforated / 0.062 dia.	No
221222	3.0	Buna	Perforated / 0.187 dia.	No
9636000765	3.0	SFY	Perforated / 0.033 dia.	No

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.

**SM - Inline - Short**

**Strainers**

ALSIS Code: 5610  
Streamline Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Side entry
	inch			
220022	1.0	Buna	Perforated / 0.125 dia.	No
220023	1.0	Buna	Wire Mesh / 60 Sq	No
220025	1.0	Buna	Wire Mesh / 80 Sq	No
220031	1.0	Buna	Wire Mesh / 20 Sq	No
220029	1.0	Buna	Wire Mesh / 50 Sq	No
220083	1.0	Buna	Wire Mesh / 40 Sq	No
220818	1.0	Buna	Wire Mesh / 100 Sq	No
9636000485	1.0	Buna	Perforated / 0.250 dia.	No
9636000696	1.0	Buna	Perforated / 0.093 dia.	No
9636000763	1.0	Buna	Wire Mesh / 200 Sq	No
220594	1.0	Buna	Perforated / 0.250 dia.	No
220110	1, 5	Buna	Perforated / 0.250 dia.	No
220007	1, 5	Buna	Perforated / 0.033 dia.	No
220036	1.5	Buna	Perforated / 0.093 dia.	No
220037	1.5	Buna	Perforated / 0.125 dia.	No
220048	1.5	Buna	Wire Mesh / 200 Sq	No
220236	1.5	Buna	Wire Mesh / 150 Sq	No
220483	1.5	Buna	Wire Mesh / 40 Sq	No
220589	1.5	Buna	Perforated / 0.062 dia.	No
220627	1.5	Buna	Wire Mesh / 100 Sq	No
220847	1.5	Buna	Wire Mesh / 50 Sq	No
220883	1.5	Buna	Wire Mesh / 60 Sq	No
9636000877	1.5	Buna	Wire Mesh / 120 Sq	No
9636000513	1.5	EPDM	Perforated / 0.250 dia.	No
9636000850	1.5	EPDM	Perforated / 0.125 dia.	No
220015	2.0	Buna	Perforated / 0.250 dia.	No
220054	2.0	Buna	Perforated / 0.125 dia.	No
220056	2.0	Buna	Wire Mesh / 80 Sq	No
220138	2.0	Buna	Perforated / 0.062 dia.	No
220466	2.0	Buna	Wire Mesh / 40 Sq	No
220792	2.0	Buna	Wire Mesh / 60 Sq	No
220511	2.0	Buna	Perforated / 0.062 dia.	No
9634078371	2.0	EPDM	Perforated / 0.250 dia.	No
220067	2.5	Buna	Perforated / 0.050 dia.	No
221264	2.5	Buna	Wire Mesh / 40 Sq	No
9636000531	2.5	Buna	Perforated / 0.187 dia.	No
220407	2.5	Buna	Perforated / 0.250 dia.	No
221120	2.5	Buna	Perforated / 0.062 dia.	No
220362	3.0	Buna	Perforated / 0.250 dia.	No
220109	3.0	Buna	Perforated / 0.033 dia.	No
220111	3.0	Buna	Perforated / 0.050 dia.	No
220112	3.0	Buna	Perforated / 0.125 dia.	No
220117	3.0	Buna	Wire Mesh / 150 Sq	No

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.

Strainers

SM - Side Entry - Long

AL SIS Code: 5610  
Streamline Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Side entry
	inch			
9636000648	1.5	Buna	Perforated / 0.093 dia.	Yes
220780	1.5	Buna	Perforated / 0.250 dia.	Yes
220824	2.0	Buna	Wire Mesh / 60 Sq	Yes
221212	2.0	Buna	Perforated / 0.125 dia.	Yes
9636000649	2.0	Buna	Perforated / 0.093 dia.	Yes
220825	2.0	Buna	Perforated / 0.250 dia.	Yes
9636000740	2.0	EPDM	Perforated / 0.062 dia.	Yes
9636000807	2.0	EPDM	Perforated / 0.125 dia.	Yes
220778	2.5	Buna	Perforated / 0.250 dia.	Yes
9636000650	2.5	Buna	Perforated / 0.093 dia.	Yes
9636000855	2.5	EPDM	Wire Mesh / 40 Sq	Yes
220779	3.0	Buna	Perforated / 0.250 dia.	Yes
220798	3.0	Buna	Wire Mesh / 40 Sq	Yes
220800	3.0	Buna	Wire Mesh / 80 Sq	Yes
220803	3.0	Buna	Wire Mesh / 20 Sq	Yes
220805	3.0	Buna	Wire Mesh / 30 Sq	Yes
220934	3.0	Buna	Perforated / 0.093 dia.	Yes
318833	3.0	Buna	Perforated / 0.125 dia.	Yes
9636000788	3.0	EPDM	Perforated / 0.125 dia.	Yes
9636000800	3.0	EPDM	Wire Mesh / 200 Sq	Yes
9636000805	3.0	EPDM	Wire Mesh / 40 Sq	Yes
9636000811	3.0	EPDM	Perforated / 0.250 dia.	Yes
9636000724	3.0	SFY	Perforated / 0.033 dia.	Yes
9636000868	3.0	SFY	Wire Mesh / 40 Sq	Yes

Additional configurations are available upon request. Please contact Alfa Laval for item numbers and pricing for any models not listed in catalog.



**SM - Side Entry - Short**

**Strainers**

AL SIS Code: 5610  
Streamline Strainer

Material: 316  
Inside surface finish: Ra 32 µin  
Outside surface finish: Semi-bright

Item no.	Size	Elastomer	Element Type / Size	Side entry
220732	1.0	Buna	Wire Mesh / 20 Sq	Yes
220734	1.0	Buna	Wire Mesh / 30 Sq	Yes
220728	1.0	Buna	Wire Mesh / 100 Sq	Yes
220722	1.0	Buna	Perforated / 0.250 dia.	Yes
9636000727	1.0	Buna	Perforated / 0.033 dia.	Yes
9636000812	1.0	EPDM	Wire Mesh / 60 Sq	Yes
220735	1, 5	Buna	Perforated / 0.250 dia.	Yes
220757	1.5	Buna	Wire Mesh / 50 Sq	Yes
221232	1.5	Buna	Perforated / 0.125 dia.	Yes
9636000806	1.5	Buna	Perforated / 0.033 dia.	Yes
9636000857	1.5	EPDM	Perforated / 0.033 dia.	Yes
9636000858	1.5	EPDM	Perforated / 0.050 dia.	Yes
9636000861	1.5	EPDM	Perforated / 0.062 dia.	Yes
9636000876	1.5	EPDM	Wire Mesh / 150 Sq	Yes
9636000609	2.0	Buna	Perforated / 0.093 dia.	Yes
9636000608	2.0	Buna	Wire Mesh / 200 Sq	Yes
220644	2.0	Buna	Wire Mesh / 20 Sq	Yes
220718	2.0	Buna	Perforated / 0.033 dia.	Yes
220737	2.0	Buna	Perforated / 0.062 dia.	Yes
220738	2.0	Buna	Wire Mesh / 60 Sq	Yes
220741	2.0	Buna	Wire Mesh / 100 Sq	Yes
220748	2.0	Buna	Perforated / 0.250 dia.	Yes
220743	2.0	Buna	Wire Mesh / 150 Sq	Yes
9636000852	2.0	Buna	Perforated / 0.125 dia.	Yes
9636000810	2.0	EPDM	Perforated / 0.250 dia.	Yes
9636000721	2.0	SFY	Perforated / 0.033 dia.	Yes
220770	2.5	Buna	Wire Mesh / 80 Sq	Yes
220776	2.5	Buna	Perforated / 0.250 dia.	Yes
220612	2.5	Buna	Perforated / 0.062 dia.	Yes
220839	3.0	Buna	Wire Mesh / 40 Sq	Yes
220846	3.0	Buna	Wire Mesh / 16 Sq	Yes
220721	3.0	Buna	Perforated / 0.033 dia.	Yes
220837	3.0	Buna	Wire Mesh / 60 Sq	Yes
220844	3.0	Buna	Wire Mesh / 20 Sq	Yes
220848	3.0	Buna	Wire Mesh / 30 Sq	Yes
220777	3.0	Buna	Perforated / 0.250 dia.	Yes
221103	3.0	Buna	Perforated / 0.125 dia.	Yes
9636000722	3.0	SFY	Perforated / 0.033 dia.	Yes

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#### **This is Alfa Laval**

Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about Advancing better™.

#### **How to contact Alfa Laval**

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