

# Alfa Laval safety filters

## Auxiliary membrane equipment

### Introduction

The safety filters from Alfa Laval for membrane filtration systems are particle-retaining slot tube filters in a sanitary design.

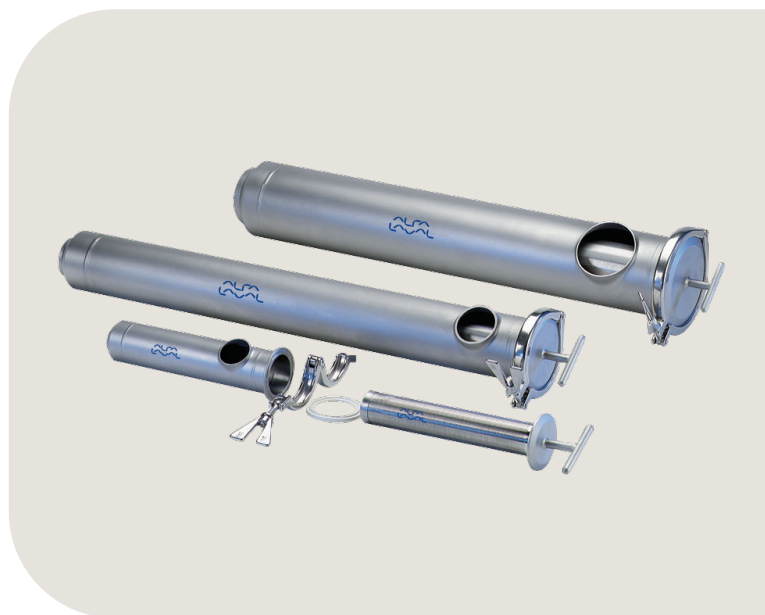
The safety filters are available in standard sizes of 38 mm, 51 mm and 76 mm.

The filter cartridges have 100 micron slots and can be mounted and dismounted without the use of tools. Optional filter cartridges of 50, 200 and 300 micron are available upon request.

All parts are made of stainless steel (AISI 316L).



The product is suitable for food contact. Declaration of compliance can be provided on request.



### Technical data

Standard sizes	38 mm	51 mm	76 mm
Max. pressure, bar	25	20	15
Max. temperature, °C	80	80	80
Liquid volume, litres	0.4	1.1	2.5
Connection, mm <sup>1</sup>	38 x 1.2	51 x 2	76 x 2
Weight, kg	1.4	6.0	7.9
Code numbers	38 mm	51 mm	76 mm
Filter house	517122	104993	104998
Filter cartridge, 100 micron	104984	104983	104986
Clamp ring	104290	104302	104149
Clamp gasket, nitrile	104101	104125	104086
Options incl. code numbers <sup>2</sup>	38 mm	51 mm	76 mm
Clamp gasket, EPDM	529192	529194	529195
Filter cartridge, 50 micron	502619	525514	517154
Filter cartridge, 200 micron	104960	104961	104979
Filter cartridge, 300 micron	518946	104962	104991
Special package for Alfa Laval TestUnit M20 <sup>3</sup>	X536079	—	—

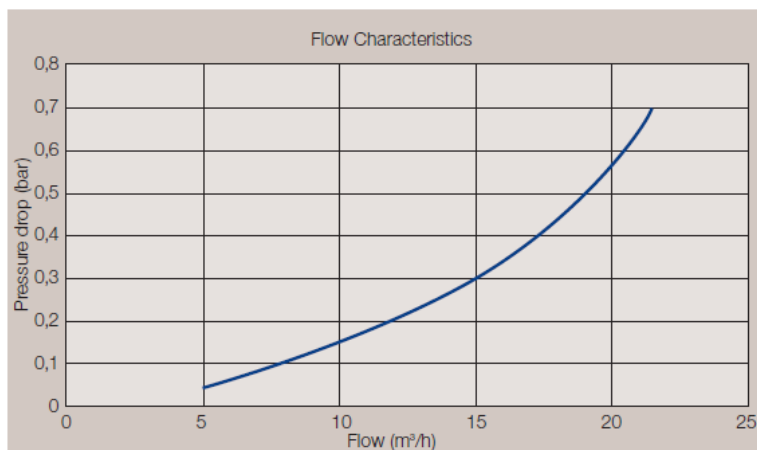
<sup>1</sup> Outer diameter of pipe, liquid inlet and outlet

<sup>2</sup> Please contact Alfa Laval for other options

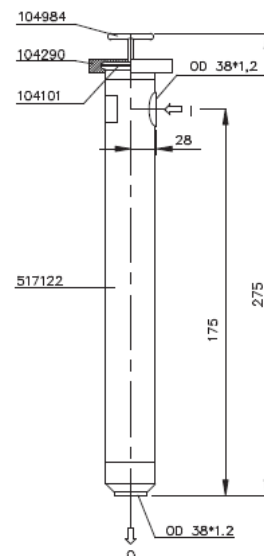
<sup>3</sup> Includes filter house, 100 micron filter cartridge and EPDM clamp gasket

## Characteristics and dimensions

### Safety Filter - 38 mm (1.5"): Characteristics (100 micron filter)

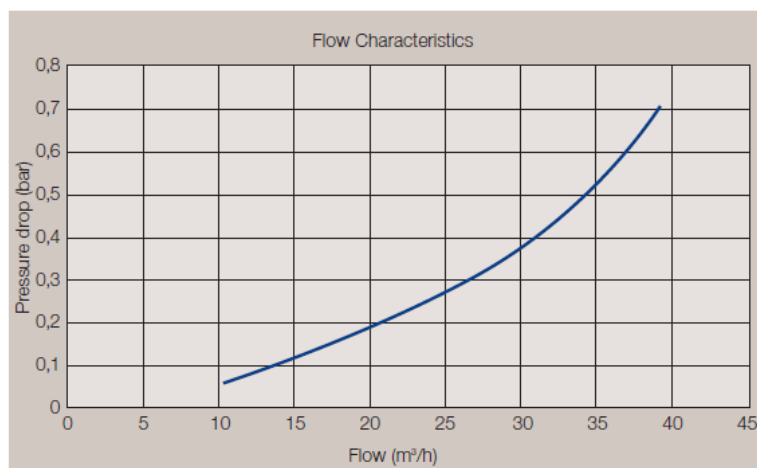


Dimensions:

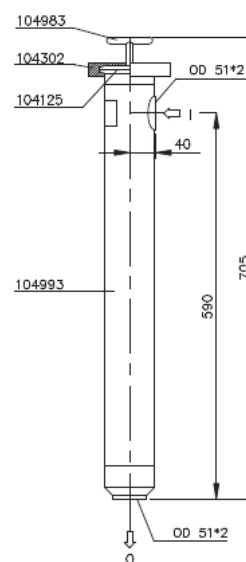


I: Inlet  
O: Outlet

### Safety Filter - 51 mm (2"): Characteristics (100 micron filter)

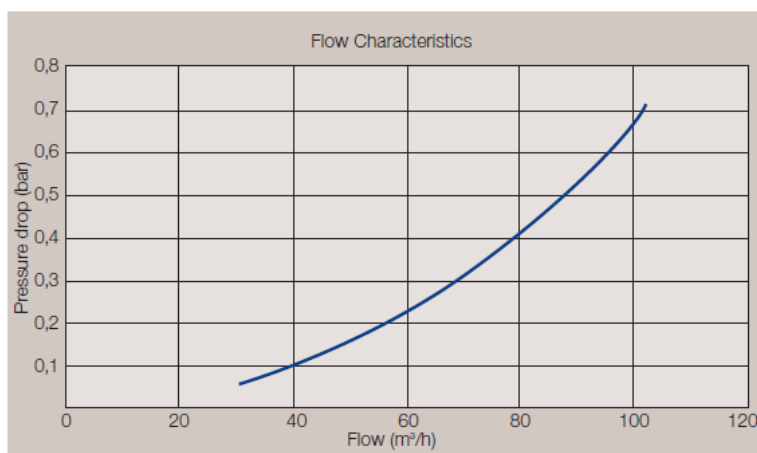


Dimensions:

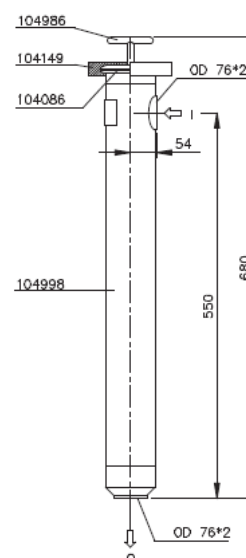


I: Inlet  
O: Outlet

### Safety Filter - 76 mm (3"): Characteristics (100 micron filter)



Dimensions:



I: Inlet  
O: Outlet

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#### How to contact Alfa Laval

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