



Safety Filters for Membrane Filtration Systems

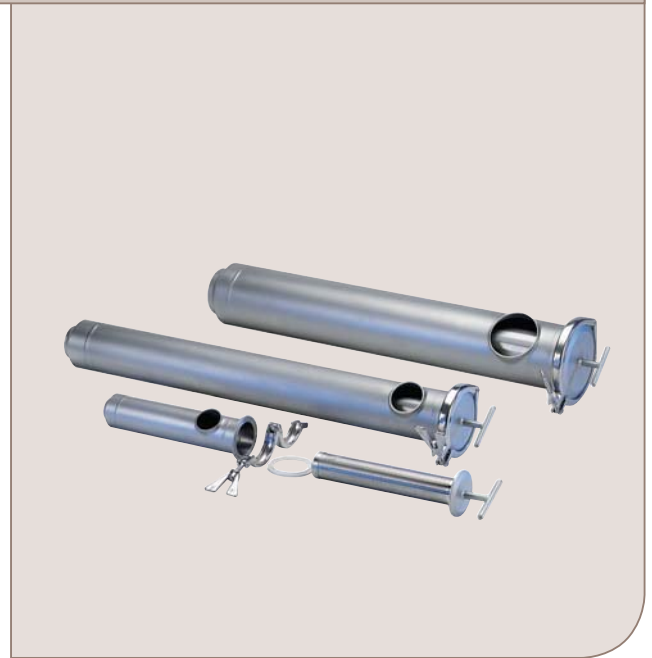
Alfa Laval Safety Filters

Applications

Safety filters are particle-retaining slot tube filters in a hygienic design. All materials comply with FDA regulations, and all parts are made of stainless steel (AISI 316L).

The Safety Filters are available as 38 mm, 51 mm and 76 mm. The filter cartridges have 100 micron slots and can be mounted and dismantled without the use of tools.

50, 200, and 300 micron filter cartridges are available upon request.



Technical data

Safety Filter	38 mm	51 mm	76 mm
Max. pressure	50 bar	80 bar	50 bar
Max. temperature	80°C	80°C	80°C
Liquid volume	0.4 litres	1.1 litres	2.5 litres
Connection (for liquid inlet and outlet)	Outer diameter	Outer diameter	Outer diameter
	38 x 1.2 mm pipe	51 x 2 mm pipe	76 x 2 mm pipe
Weight	1.4 kg	6 kg	7.9 kg

Code numbers

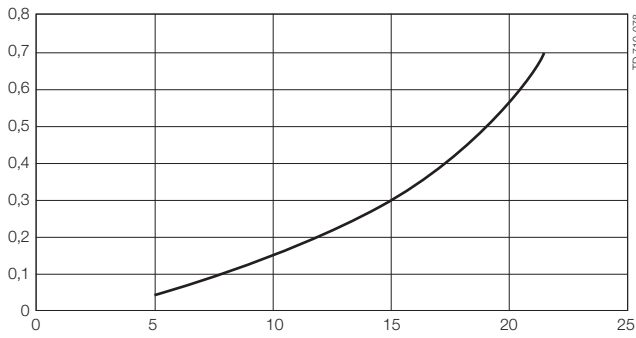
Safety Filter	38 mm	51 mm	76 mm
Filter house	517122	104993	104998
Filter cartridge	104984	104983	104986
Clamp ring	104290	104302	104149
Clamp gasket, nitrile	104101	104125	104086

Options

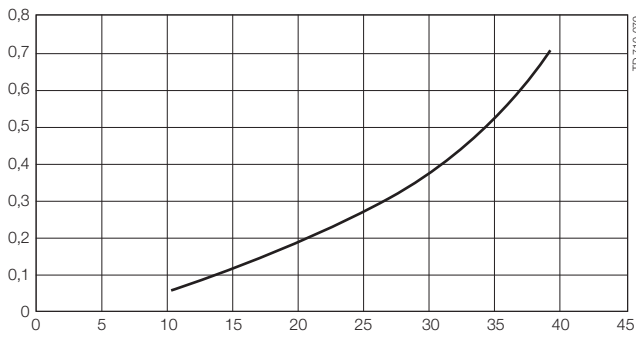
Safety Filter	38 mm	51 mm	76 mm
Clamp gasket, EPDM	529192	529194	529195
Filter cartridge, 50 micron	502619	525514	517154
Filter cartridge, 200 micron	104960	104961	104979
Filter cartridge, 300 micron	518946	104962	104991

Other options may be available - please contact Alfa Laval

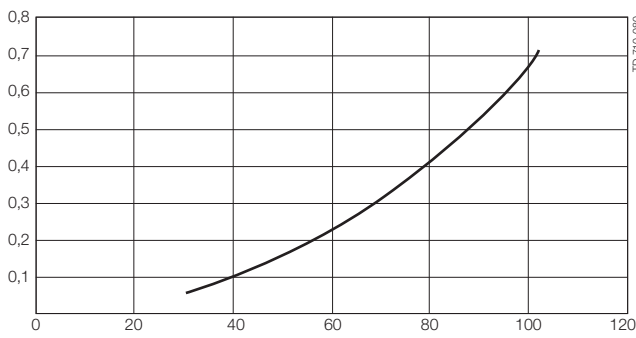
Safety Filter - 38 mm (1.5")
Characteristics (100 micron filter)



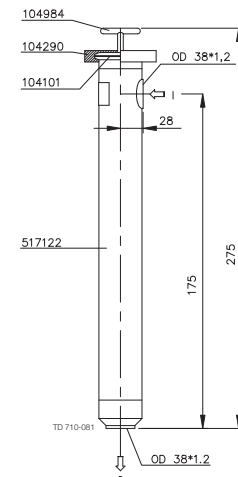
Safety Filter - 51 mm (2")
Characteristics (100 micron filter)



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

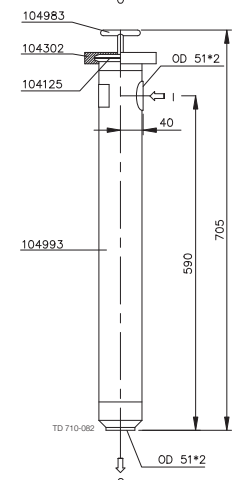


Dimensions



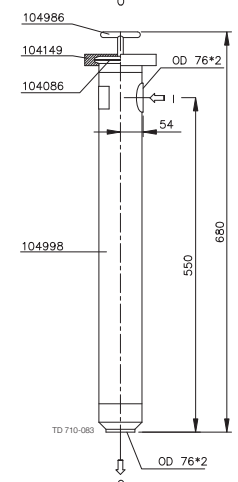
I: Inlet
O: Outlet

Dimensions



I: Inlet
O: Outlet

Dimensions



I: Inlet
O: Outlet

Alfa Laval reserves the right to change specifications without prior notification. ALFA LAVAL is a trademark registered and owned by Alfa Laval Corporate AB.

ESE00650EN 1203

© Alfa Laval

How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit www.alfalaval.com to access the information direct.