

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 dismantled 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 ¹ | 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 ² | 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 ³ | X536079 | — | — |

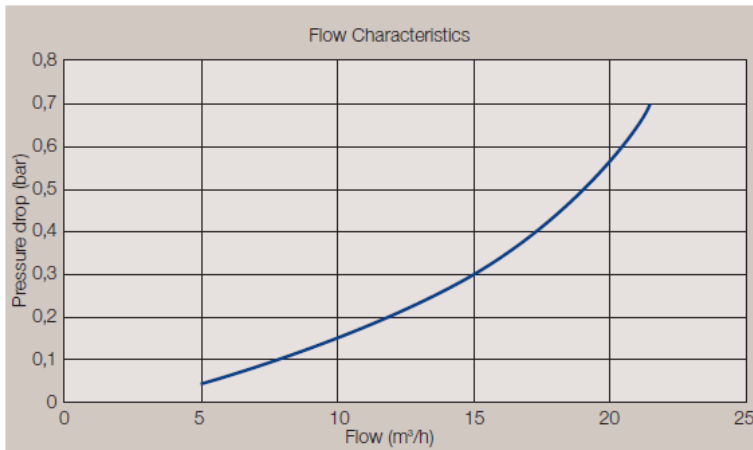
¹ Outer diameter of pipe, liquid inlet and outlet

² Please contact Alfa Laval for other options

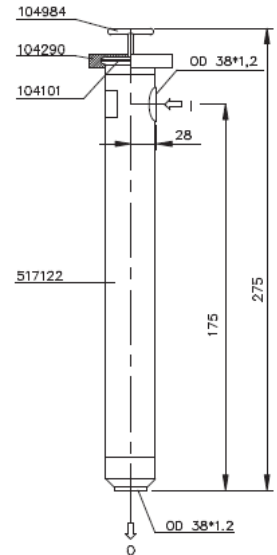
³ Includes filter house, 100 micron filter cartridge and EPDM clamp gasket

Characteristics and dimensions

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

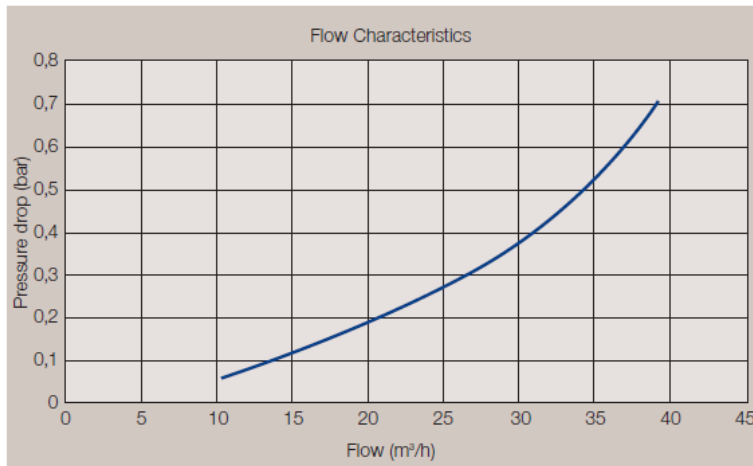


Dimensions:

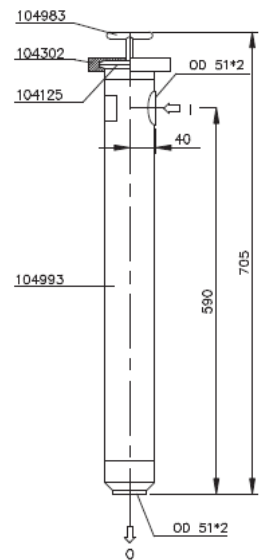


I: Inlet
O: Outlet

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

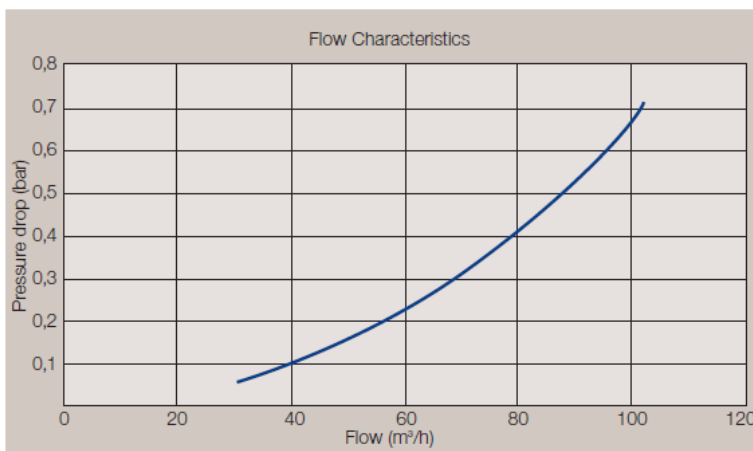


Dimensions:

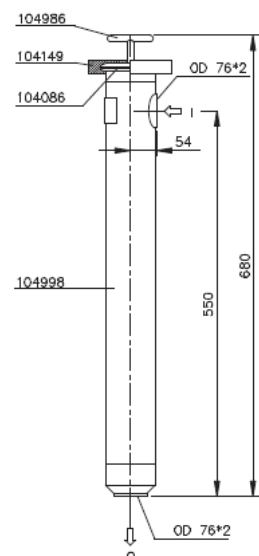


I: Inlet
O: Outlet

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



Dimensions:



I: Inlet
O: Outlet

This document and its contents are subject to copyrights and other intellectual property rights owned by Alfa Laval Corporate AB. No part of this document may be copied, re-produced or transmitted in any form or by any means, or for any purpose, without Alfa Laval Corporate AB's prior express written permission. Information and services provided in this document are made as a benefit and service to the user, and no representations or warranties are made about the accuracy or suitability of this information and these services for any purpose. All rights are reserved.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com