



# Safety Filters for Membrane Filtration Systems

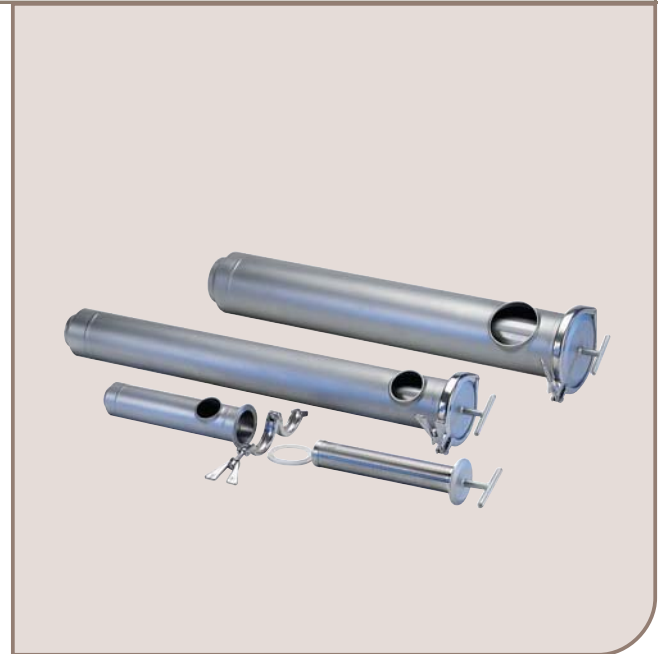
## Safety Filters

### Applications

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

The filter cartridges have 100 micron slots and can be mounted and dismantled without the use of tools.

50 and 200 micron filter cartridges are available upon request. The Safety Filters are available as 38 mm, 51 mm and 76 mm.



### TECHNICAL DATA

Safety Filter . . . . . 38 mm / 51 mm / 76 mm

#### Pressure

38 mm . . . . . Max. 50 bar (5 MPa)  
51 mm . . . . . Max. 80 bar (8 MPa)  
76 mm . . . . . Max. 50 bar (5 MPa)

#### Temperature

38 mm . . . . . 80°C  
51 mm . . . . . 80°C  
76 mm . . . . . 80°C

#### Liquid volume

38 mm . . . . . 0.4 litres  
51 mm . . . . . 1.1 litres  
76 mm . . . . . 2.5 litres

#### Connection for liquid inlet/outlet

38 mm . . . . . Outer diameter  
38 x 1.2 mm pipe  
51 mm . . . . . Outer diameter  
51 x 2 mm pipe  
76 mm . . . . . Outer diameter  
76 x 2 mm pipe

### PHYSICAL DATA

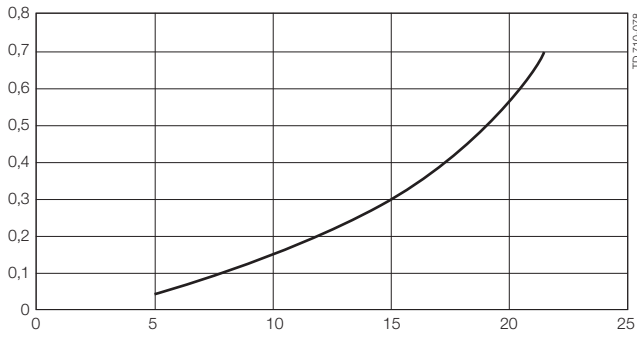
#### Weight

38 mm . . . . . 1.4 kg  
51 mm . . . . . 6 kg  
76 mm . . . . . 7.9 kg

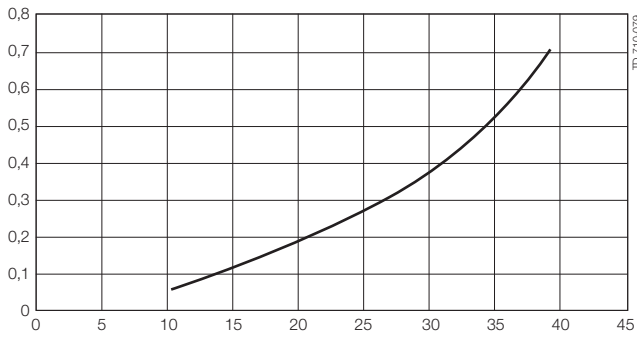
#### Code numbers

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	104101	104125	104086

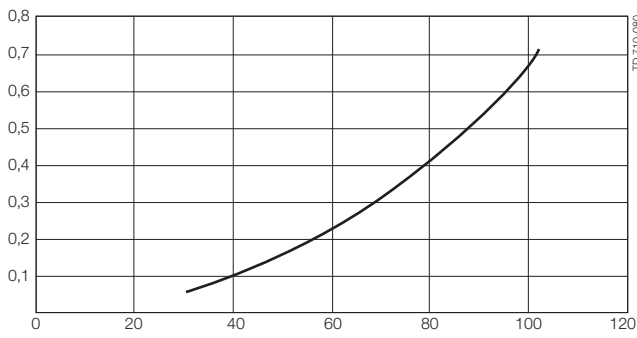
**Safety Filter - 38 mm (1.5")**  
**Characteristics (100 micron filter)**



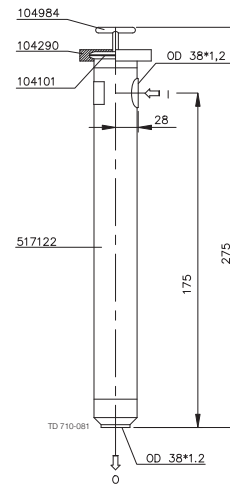
**Safety Filter - 51 mm (2")**  
**Characteristics (100 micron filter)**



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

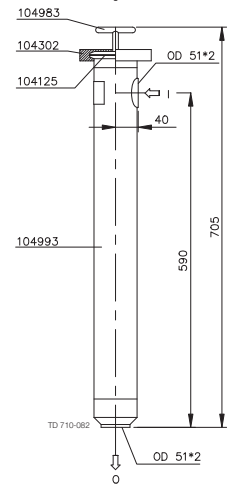


**Dimensions**



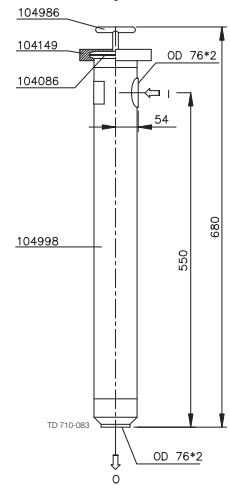
I: Inlet  
 O: Outlet

**Dimensions**



I: Inlet  
 O: Outlet

**Dimensions**



I: Inlet  
 O: Outlet

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