

P-SF Series Plastic Line Filter

The P-SF series filters made of polypropylene are commonly used to solve line filtering problems in plants with a particularly high installation cost; in addition, they are installed in circuits with fluids that are aggressive towards aluminium and stainless steel (eg. Bleach, hydrochloric acid, bromic acid, etc.)

MATERIALS

The moulded plastic of which the filter is made ensures a low price without any reduction in performance as regards flow rate and pressure.

FILTER CARTRIDGE

The filter cartridge is made of stainless steel wire and offers the following filtering specifications:

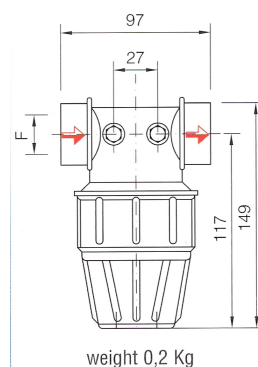
32 mesh (600 μ) - 50 mesh (300 μ)
80 mesh (180 μ) - 100 mesh (150 μ)

Technical Specification

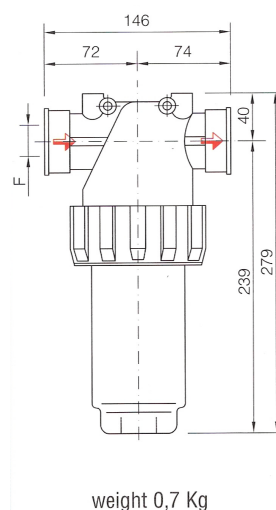
Operating pressure	
P-SF-3, P-SF-4, P-SF-5	12 bar (18 bar rated)
P-SF-6, P-SF-7	15 bar (22 bar rated)
Filtration effectiveness	From 150 μ to 600 μ
Max. operating temperature	70°C
Inlet/outlet	
	P-SF3 \varnothing 1/2"
	P-SF4 \varnothing 3/4"
	P-SF5 \varnothing 1"
	P-SF6 \varnothing 1 1/4"
	P-SF7 \varnothing 1 1/2"



P-SF series-3/4/5



P-SF series-6/7

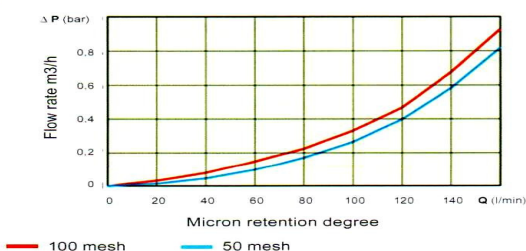


FLOW RATES

Maximum flow rate values (m³/h) with clean water and some typical retention degrees (50 and 100 meshes). The corresponding pressure drop is shown on the Y axis.

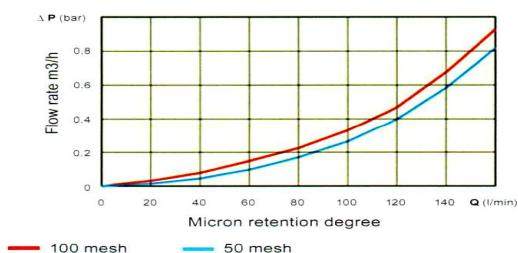
P-SF 3/4

MAXIMUM FLOW RATE
WITH 1 GR/LT OF SUSPENDED SOLID



P-SF 6/7

MAXIMUM FLOW RATE
WITH 1 GR/LT OF SUSPENDED SOLID



P-SF 5

MAXIMUM FLOW RATE
WITH 1 GR/LT OF SUSPENDED SOLID

