

Starting Sieves

DELTA meters



Introduction

Starting sieves are installed before meters to protect them from particles remaining in the pipe between the main filter and the meter.

They are an excellent protection for the meters against particles at the starting of the installation.

Nevertheless they cannot replace filters to be installed permanently upstream to protect the complete installation (Regulator, valves...) and the downstream components.

Flat sieve

To be mounted at:

- Inlet of *flanged meters*
- Between flanges upstream of the meter

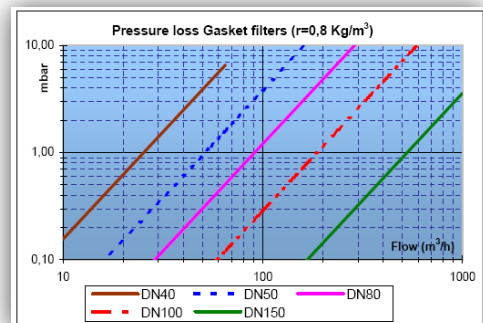
Possible to be mounted on:

- DN25/40/50/80: PN 10/16/25/40
- DN100: PN 10/16
- DN150: PN 10/16 & Class 150

Characteristics:

- 160-Mesh: **Level of Filtration around 100 μm** (particles size > 100 μm are retained)
- Dimensions and pressure loss:

DN	External diameter (mm)	Thickness (mm)	Pressure loss mbar / $\rho=0,8\text{Kg/m}^3$	Reference for ordering
25	71	4,1	...	221-392-14
40	92	4,1	6,6 (65 m ³ /h)	221-392-15
50	107	4,1	3,8 (100 m ³ /h)	221-392-16
80	142	4,1	3,1 (160 m ³ /h)	221-392-17
100	162	4,1	4,6 (400 m ³ /h)	221-392-18
150	218	4,1	3,6 (1000 m ³ /h)	221-392-19



Advantages:

- Almost same dimensions as a standard gasket (a little bit thicker)
- Easy to be installed and removed

Limitations:

- Get filled with particles more rapidly than a conical sieve

Integrated sieve**To be mounted at:**

- The inlet of *Delta S-Flow in steel*. The meter body is machined as standard for the installation of this sieve.

Possible to be mounted on:

- DN50: PN 10/16/25/40, Class 150/300/600

Characteristics:

- 45-Mesh: **Level of Filtration around 340 μm**
(particles size > 340 μm are retained)

References for ordering as a spare part:

- *Integrated sieve: 5232609*
- *Circlips: 900-472-43*



S1-Flow (not painted)

