

Technical data sheet for filter elements of type "NSF"



Assignment, scope

The filter elements of type "NSF" can be used in our partial flow filters of series 4.125 (vertical and horizontal versions).

They are used for the very fine filtration of hydraulic fluids, lubricants, etc., in partial flow (i.e. for low specific filter area loading).

Set-up

Star-pleated filter medium, reinforced on both sides, with cast end seals.

Flow from outside inwards (stability against collapse is achieved by filter-side inner supporting bodies).

Material

Filter medium: micro glass fibre paper with acrylic-based binder

Reinforcement: wire mesh with epoxy sheathing

End seals: silicone casting compound

Filter fineness

The filter fineness specified in the type code filter was determined for a filtration ratio of $\beta_x(c) \geq 75$ (multipass test according to ISO 16889:2008 with *calibrated* test dust; the results are not comparable with tests under older standards where another test dust was used).

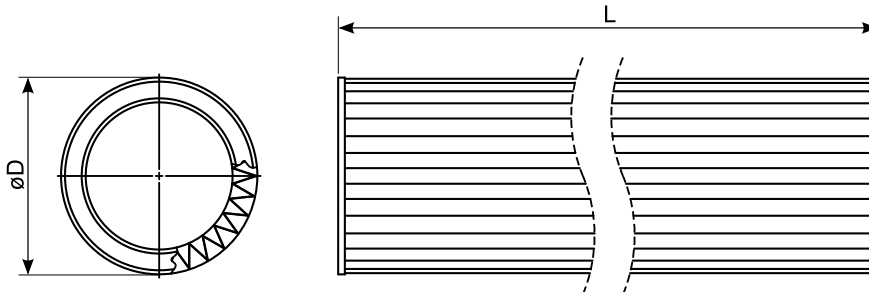
This corresponds to a deposition rate for this particle size of at least 98.7%.

Cleaning

The filter elements "FE NSF" cannot be cleaned.

Used filter elements must therefore be replaced and disposed of.

Dimensions/sizes



Size DN	øD [mm]	L [mm]	Filter area min. [cm ²]	Mass ca. [kg]
25	82	510	7,840	0.60
40	107	400	8,870	0.70
50	147	484	16,400	1.20

Type code

FE NSF dd. fff

dd: Size of the associated filter
Possible values: 25 / 40 / 50

fff: Filter fineness (three digits with leading zeroes)
Possible values: 016 / 010 / 005