



FE NSF

FILTER ELEMENT FOR NSF 4.125

DESCRIPTION

Replacement filter elements for by-pass filters NSF 4.125 (vertical and horizontal versions)

APPLICATION

Filtration of hydraulic fluids, lubricants, etc., in partial flow (i.e. for low specific filter area loading)

DESIGN

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)

MATERIALS

Filter medium: micro glass fiber, paper with acrylic-based binder
Reinforcement: wire mesh with epoxy sheathing
End seals: silicone casting compound

PRESSURE

Max working pressure 10 bar

FLOW RATE

From 10 to 1200 l/min depending on DN and filter fineness

WORKING TEMPERATURE

From -10° to +80° C

ISO COMPITABILITY

DIN ISO 2941	Fluid technology hydraulic filter elements, collapse and burst pressure test.
DIN ISO 2942	Fluid technology filter elements, verification of flawless manufacturing quality.
DIN ISO 2943	Fluid technology hydraulic filter elements, verification of compatibility with the pressure fluid.
DIN ISO 3723	Fluid technology hydraulic filter elements, procedure for testing the end cap load.
ISO 3968	Hydraulic fluid power-filters-evaluation of pressure drop versus flow characteristics.



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ORDERING AND OPTION CHART

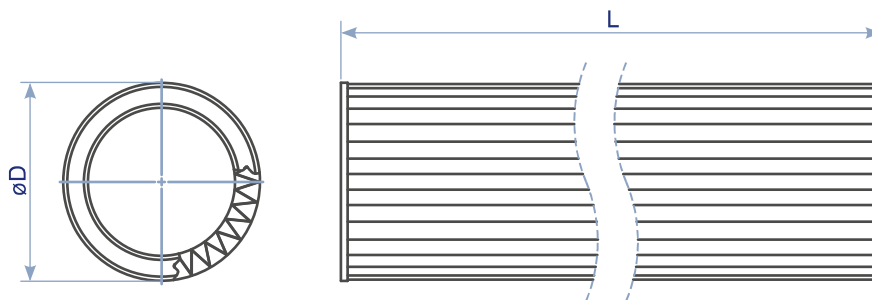
Type code (ordering example) - The type code is found on the element head.

FE	NSF	25	P
Filter fineness/medium			
		005	optimesh® wire mesh 5µm nominal, 10µm absolute
		010	optimesh® wire mesh 10µm nominal, 25µm absolute
		016	optimesh® wire mesh 16µm nominal, 34µm absolute
Other fineness grades on request			
Nominal connection size/overall size for Type NSF			
20 / 32 / 50 / 80			
Series			
FE NSF	Element for partial flow filters series 4.125		

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DIMENSIONS AND TECHNICAL DATA



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

MAINTENANCE

Is this filter element cleanable?

The filter elements "FE NSF" cannot be cleaned.

Exhausted filter elements are classified as "dangerous waste material" and must be disposed of according to local laws, by authorized companies.