

SOLINOX

REGENERABLE METALLIC FILTER ELEMENTS

Filter elements designed for solid contaminants removal from liquids or gases, when the process requires the use of materials resistant to severe operating conditions.

Main features:

- Filter media in AISI 316L stainless steel.
- No particles release.
- Free from glues.
- Regenerable.
- High mechanical resistance.
- Variety of configurations.



Filter elements are made with wire meshes and cloths supported by a high-strength stainless steel core (slotted screen); the ends available in SOE and DOE configurations are welded to the core. The “SOLINOX” filter elements can be regenerated by mechanical action, backwashing, chemical or ultrasonic cleaning.

SOLINOX series is indicated as safety filters downstream the fibrous filters and in the filtration of:

- Corrosive fluids that attack other types of filter elements.
- High temperature fluids.
- Viscous liquids that require high differential pressures.
- Steam.
- Applications in food and pharmaceutical industries

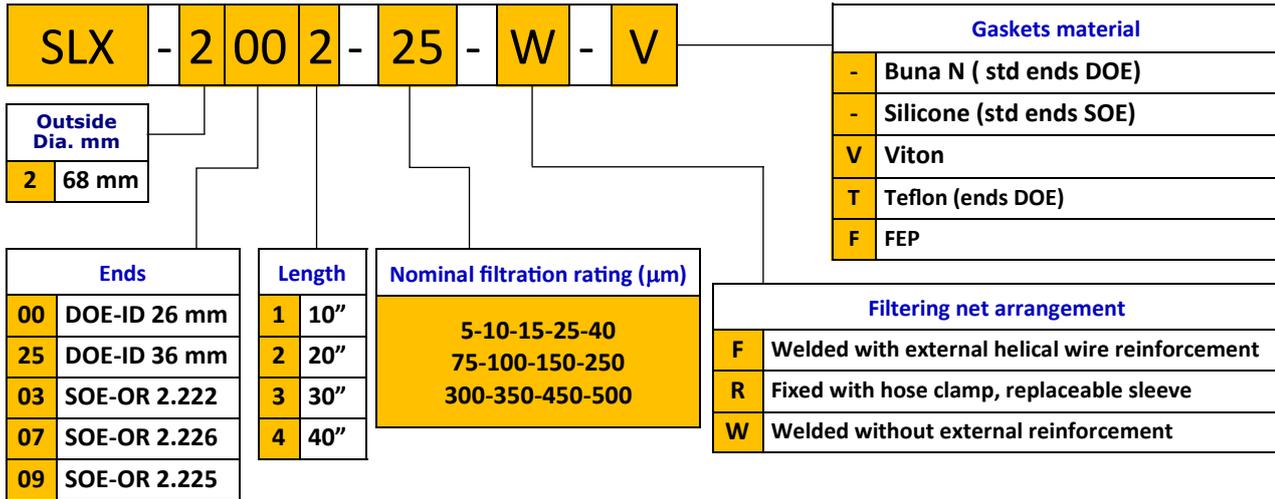
Nominal filtration range	from 5µm to 500µm
Max/Min operating temperatures ⁽¹⁾	-270 °C / +316 °C.
Max. differential pressure	20 bar
Recommended max. differential pressure for replacement or cleaning	2,5 bar
Flow direction	external / Internal
Filter media configuration	wrapped

(1) Limits are established by the mounted gasket material.

Materials

Ends	AISI 316
Core	AISI 316
External support, if any	AISI 316
Filter media	AISI 316L
Standard gasket	Buna N for DOE / Silicone for SOE

Description of product code



Models	Max flow rate		Nominal dimensions		
	Air * m ³ /h (ΔP < 0,08 bar)	Water ** l/h (ΔP 0,1 bar)	Outside Dia. mm	Inside Dia. mm	Length mm
SLX-2001-□-□-□	80	3500	68	26	250
SLX-2002-□-□-□	90	4000			500
SLX-2003-□-□-□	110	4500			750
SLX-2004-□-□-□	120	5000			1000
SLX-2501-□-□-□	150	4000	68	36	250
SLX-2502-□-□-□	180	5000			500
SLX-2503-□-□-□	200	7000			750
SLX-2504-□-□-□	220	8000			1000
SLX-2071-□-□-□	170	4500	68	45	250
SLX-2072-□-□-□	190	5500			500
SLX-2073-□-□-□	220	6500			750
SLX-2074-□-□-□	250	8500			1000

* Air flow rates at 1 barg and 20 °C
 ** Water flow rates at 20 °C.
For filtration degrees <= 10 micron the flow rates have to be 20% reduced

Notes: the models indicated are referred to standard version; for different configurations see the options indicated in product code description.

Data contained in this bulletin are informative and subject to change without notice.
 User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.



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