

SPARE PARTS FILTERS FOR SUCTION EXCAVATORS

Normal filters

The filtering fabric is a non-fabric polyester made with a spunbonded procedure. It is water and oil resistant, thanks to a special surface treatment.

The fabric is mainly used to filter oily powder with a higher than average degree of humidity.

The fabric is BIA certified, complying with directive ZH1/487 which establishes a release lower than 0,5% for powder with a granulometry in the range from 0.2 to 2 microns, at a crossing speed of 0,056 m/s which corresponds to class USG.

The fabric offers very high mechanical resistance and an excellent chemical resistance to oily vapours.

The maximum working temperature for continuous use is 130°C.

ATEX filters

The filtering fabric is a non-fabric polyester made with a spunbonded procedure.

It is treated applying aluminium powders to obtain the electrical conductivity. This treatment guarantees an excellent porosity and is the perfect solution for all those applications requiring the elimination of the electric charges that generate on the filtered powders and on the filtering medium.

The filtering fabric is used every time there is the need to filter potentially explosive powders (explosion proof machinery).

The fabric is BIA certified: it complies with directive ZH1/487 section 2, which establishes a release lower than 0,1% for powder with a granulometry in the range from 0.2 to 2 microns, at a crossing speed of 0,056 m/s which corresponds to class USGC.

The fabric offers an excellent chemical resistance to organic solvents.

The maximum working temperature for continuous use is 150°C.

	NORMAL	ATEX
Composition	100% polyester spunbonded	100% polyester spunbonded
Weight [g/m ²]	270	270
Thickness [mm]	0,60	0,63
Tensile strength md [N/5cm]	1200	1300
Tensile strength cd [N/5cm]	650	750
Elongation md [%]	40	40
Elongation cd [%]	30	30
Permeability to air [m ³ /m ² h]	900 ca	670 ca
Volume of pores [%]	66	68
BIA Classification	USG	USGC



NORMAL



ATEX

CODE	ATEX	SUCTION EXCAVATORS MODELS	LENGTH
SA.01.FI.FI0016		ESE 18 - 26 - 32	600 [mm]
SA.01.FI.FI0015		ESE 18 - 26 - 32	1000 [mm]
SA.01.FI.FI0017		ESE 18 - 26 - 32	1200 [mm]
SA.01.FI.FI0018		FM8	1000 [mm]
SA.01.FI.FI0093	X	ESE 18 - 26 - 32	600 [mm]
SA.01.FI.FI0092	X	ESE 18 - 26 - 32	1000 [mm]
SA.01.FI.FI0091	X	ESE 18 - 26 - 32	1200 [mm]