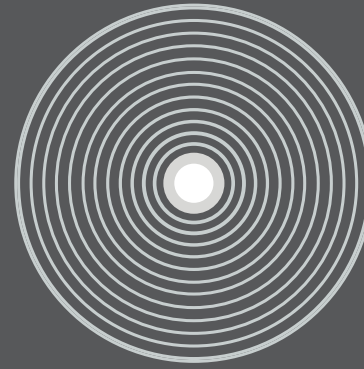
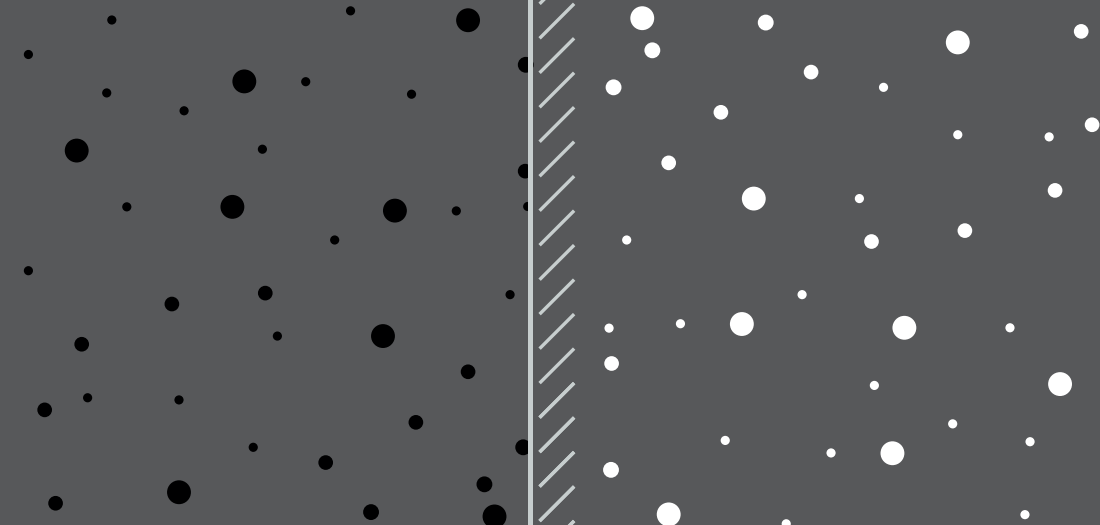
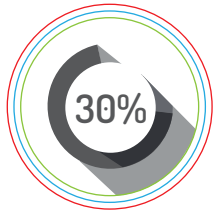


VELUM PROTECTS YOUR INVESTMENTS

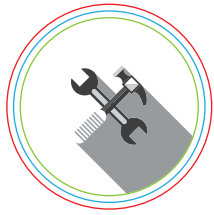


Velum protective filters have been designed by Nitty-Gritty in order to protect electronic equipment for industrial manufacturing facilities, compressors and electric motors from oily mist and dust. These substances keep fresh air from going into the machine and cause the malfunction of the internal components.

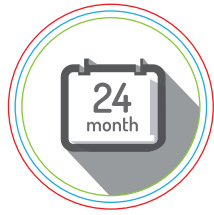




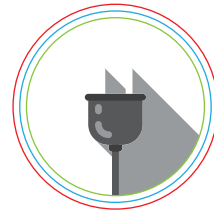
30% savings
on maintenance costs



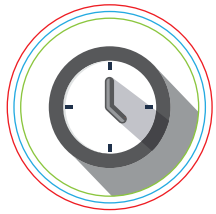
no downtime



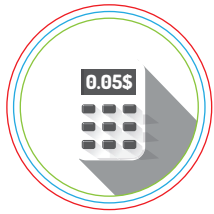
1 velum roll = 2 years
of total protection



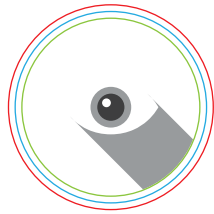
no switch gear
opening



5-second replacement



protect your business with
only 5 cents per day



visual control allows you to
change the filter regularly



it prevents the spread of
harmful particles

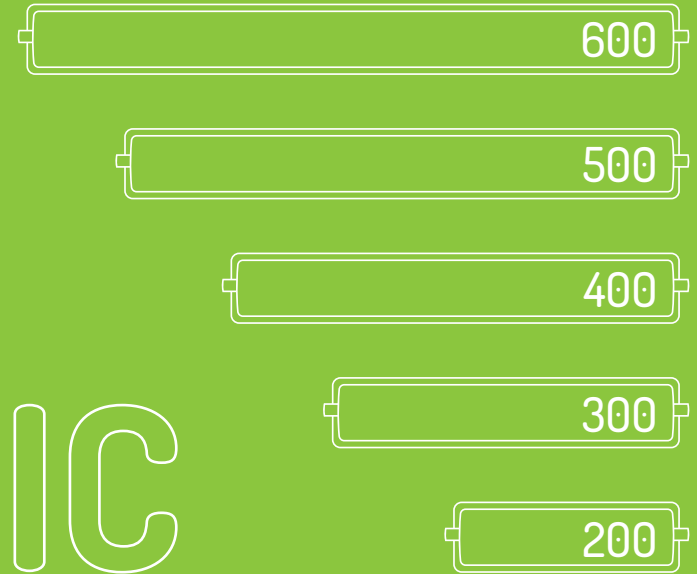


Velum: designed for automation machinery, cooling systems, recycling machines, printers and computers, woodworking machines, PCs, packaging machinery for the food, chemical industry, pharmaceutical and textile industries, refrigeration equipment, robots and CNC machines.

Velum air: ideal for compressors, cooling systems and heat exchangers. Velum Air has a thicker fabric but lower porosity than Velum and is designed to ensure better air flow and prevent overheating.

Velum motor: the perfect solution for the protection of electric motors. With its patented system and reusable holder in polypropylene, this filter can be applied to any kind of electric motor.

FAST PROTECTION FOR ELECTRONIC MACHINES



Velum protective filter has been designed and realised to protect electric and electronic machines in industrial production plants from dust and oily mist. For their well-functioning and best productivity, all the automation, robot and numerical control machines need constant maintenance operations and a regular filter replacement. Urgent deadlines that do not allow downtime, the lack of specialised manpower or even simple omissions may prevent companies from replacing filters regularly.



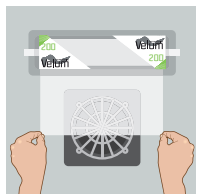
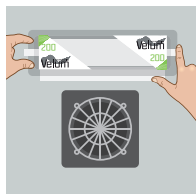
Velum protective filter is applied externally, directly to the entrance grid of ventilation and cooling systems of the production unit: once applied, Velum gathers and holds dust and oily mist in its patented-knitted fabric and ensures, while protecting the inner filter, the normal passage of fresh and clean air in the machine.

The **Velum** replacement check is purely visual: when the Velum protective filter is covered by polluting agents, you need to replace it. The replacement takes place in 5 seconds and you do not need any specialised manpower, thus avoiding downtimes and cutting down maintenance costs and any missed production costs that may be due to the inner filter replacement.

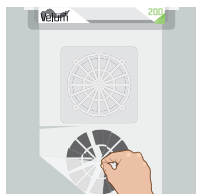
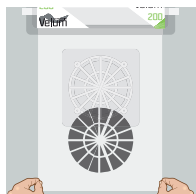
Velum is easy to apply and allows to efficiently plan the protection of any industrial machine: you just need to write down in the appropriate space the date of your last replacement and the name of the operator who has done it, so to avoid omissions, downtimes or breakdowns due to the missed replacement of the inner filter.

To ensure the best production efficiency for your machines, replace Velum once a week.

A Velum roll consists of 110 sheets: with only 5 cents per day, you can protect your machine for more than 2 years.



installation



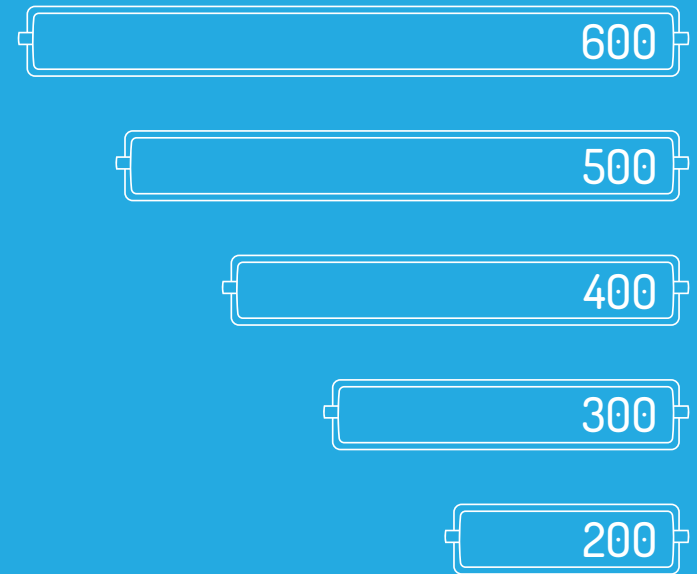
replacement



video

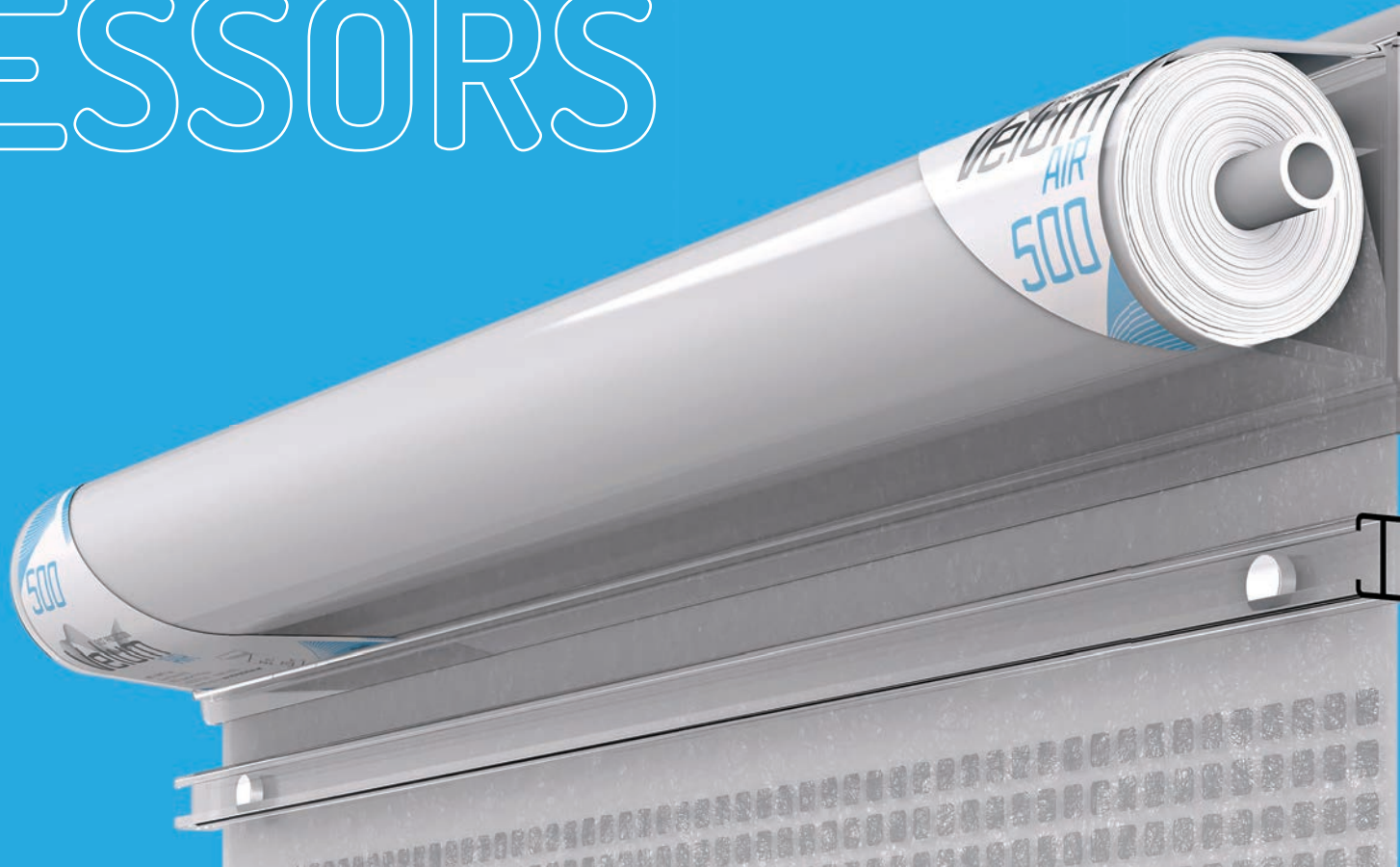


FAST PROTECTION FOR COMPRESSORS



Velum Air has a thicker fabric but lower porosity and is designed to ensure better air flow and prevent overheating. It is ideal for compressors, cooling systems and heat exchangers.

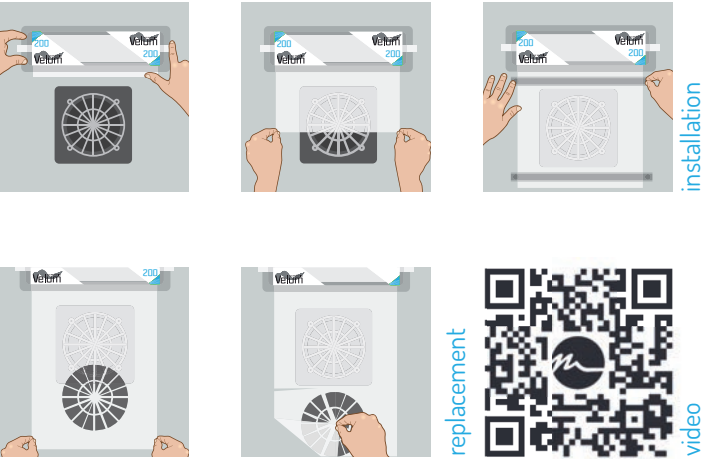
Velum Air catches dust and dirt in his knitted fabric and ensures the normal input of fresh air inside the machine.

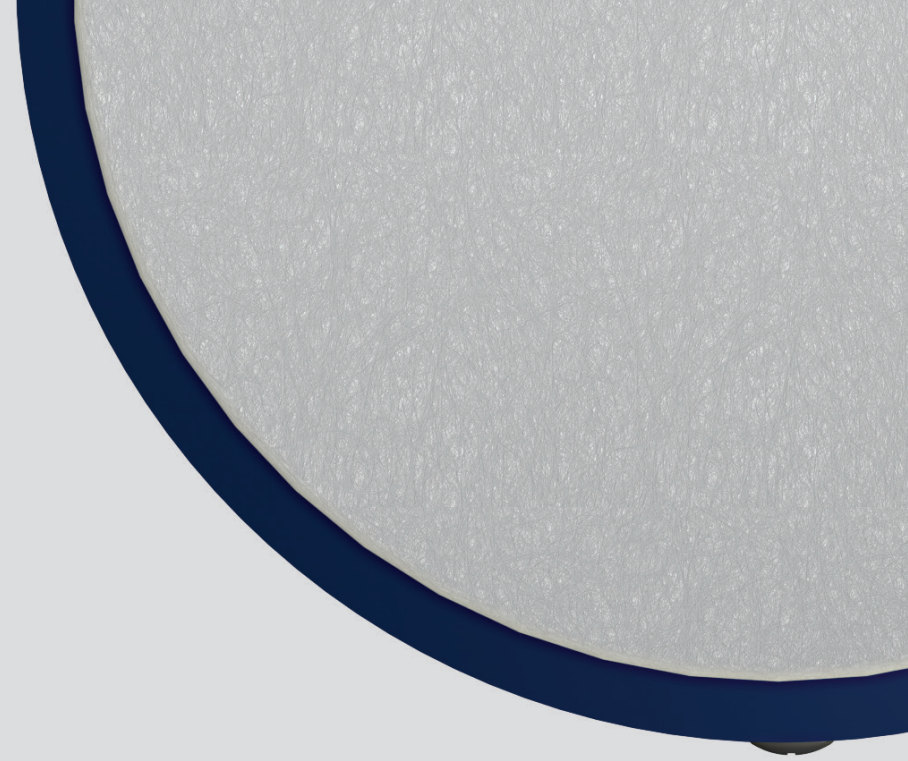
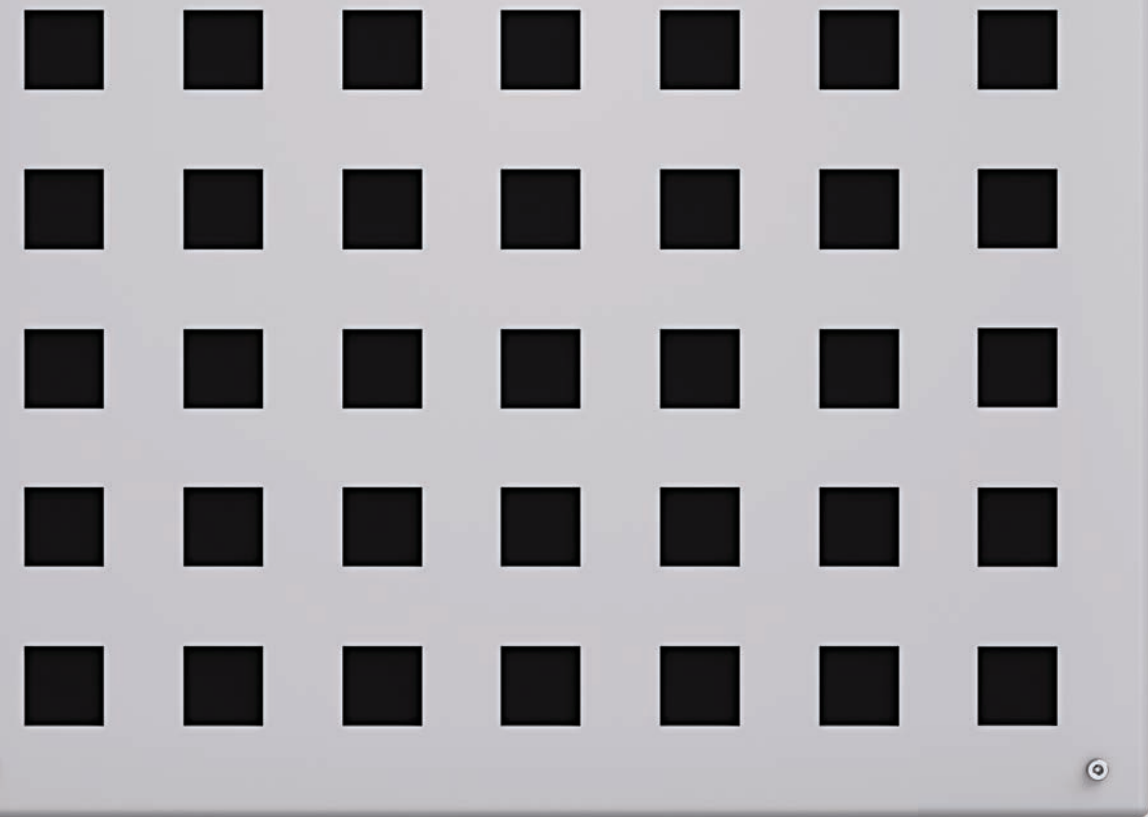


Control for its replacement is visual: when the protective filter **Velum Air** is completely covered by dirt, it must be replaced. Changing the filter takes only 5 seconds and does not require skilled labour; this avoids any downtime, maintenance costs and loss of productivity which would occur when replacing internal filters.

Velum Air is easy to apply and provides an efficient way to protect industrial machines of all kinds: simply write down date of the replacement and name of the operator who carried out the replacement. With this system you will avoid omissions, downtime or failures caused by the replacement of internal filters, and the clogging of compressors, cooling systems and heat exchangers.

A roll of **Velum Air** is composed of 60 snags. A few cents a day will protect your investments.





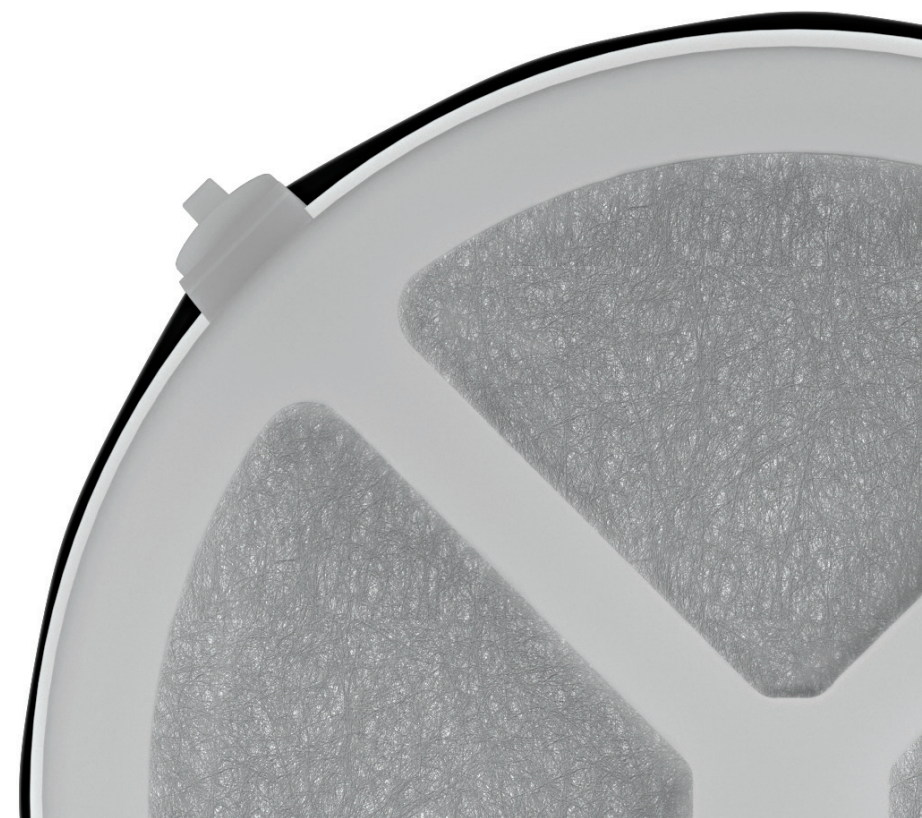
Too dirty filters can reduce the amount of air flow and cause overheating of the equipment. Nitty-Gritty is not responsible for any damage caused by not replacing of dirty filters.

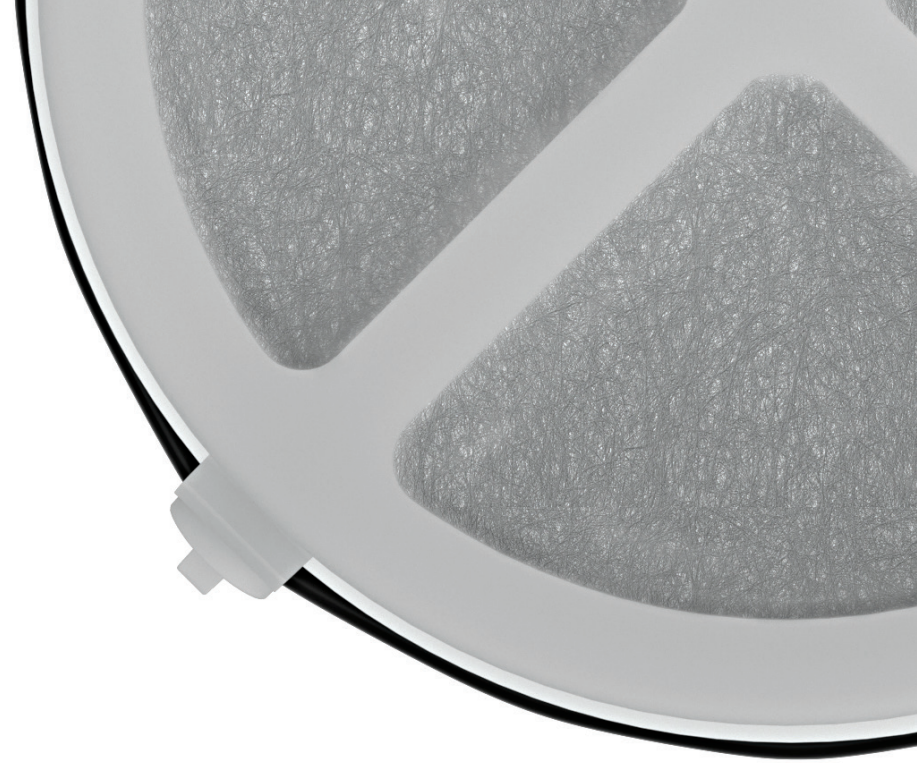
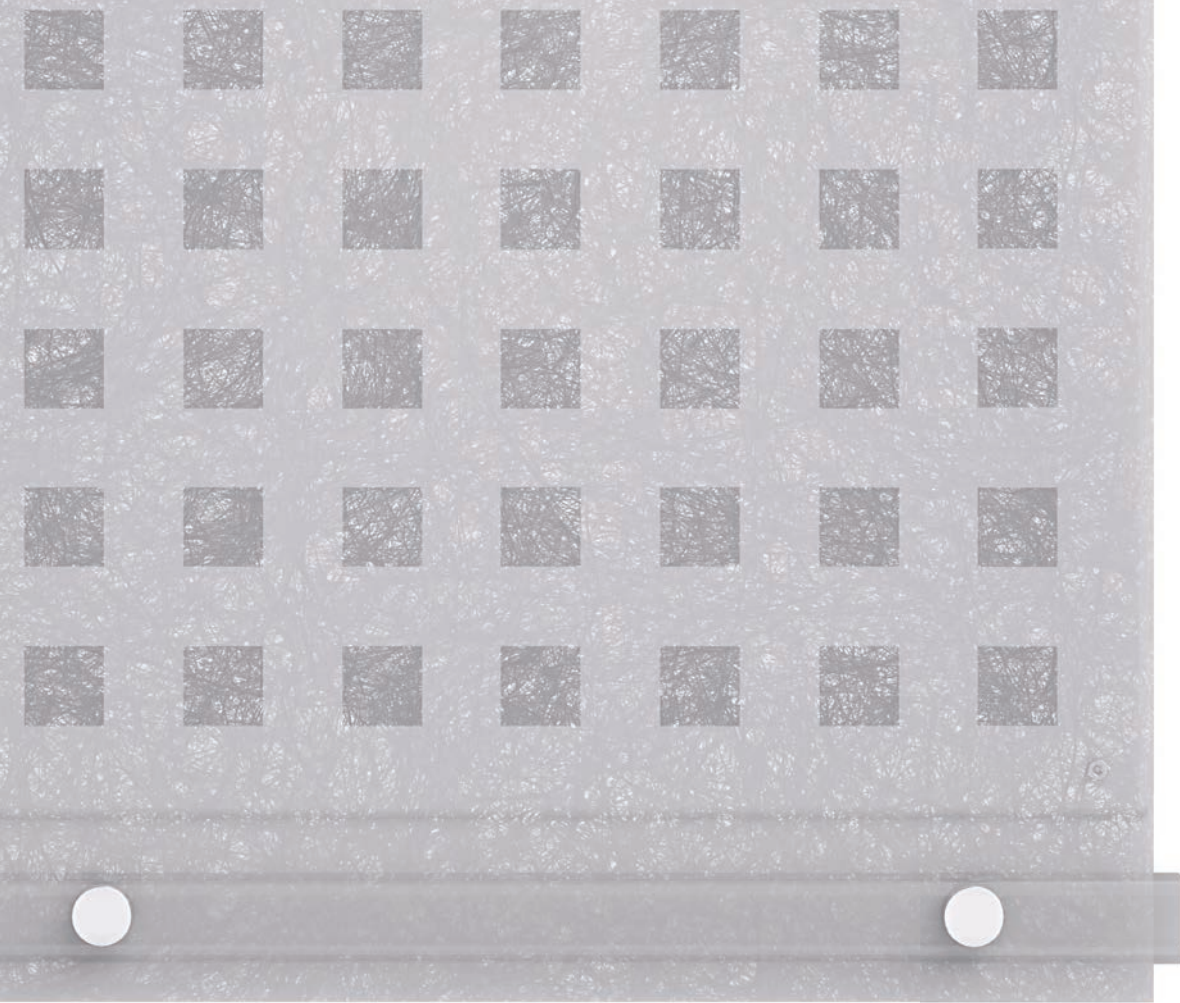


Velum
AIR
200

00

FAST PROTECTION
Velum
AIR

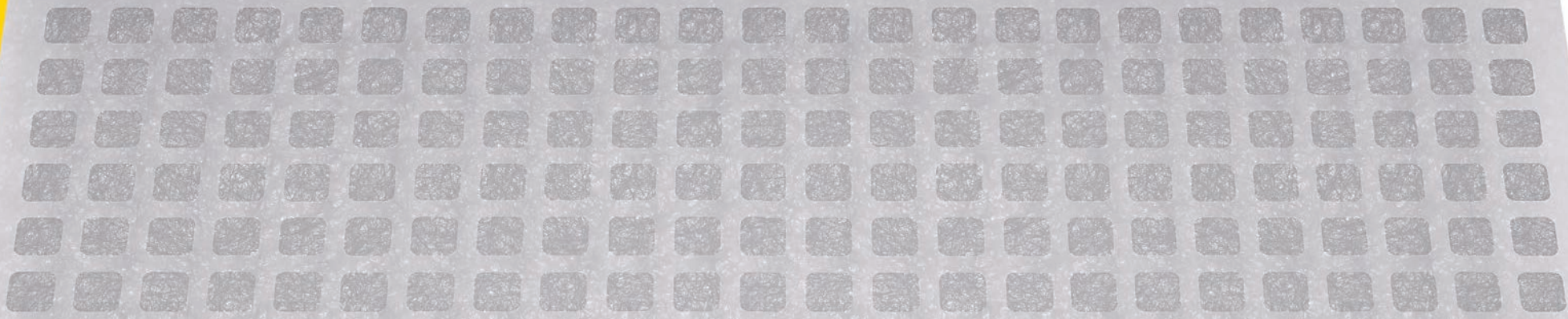


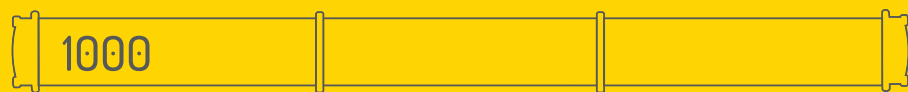
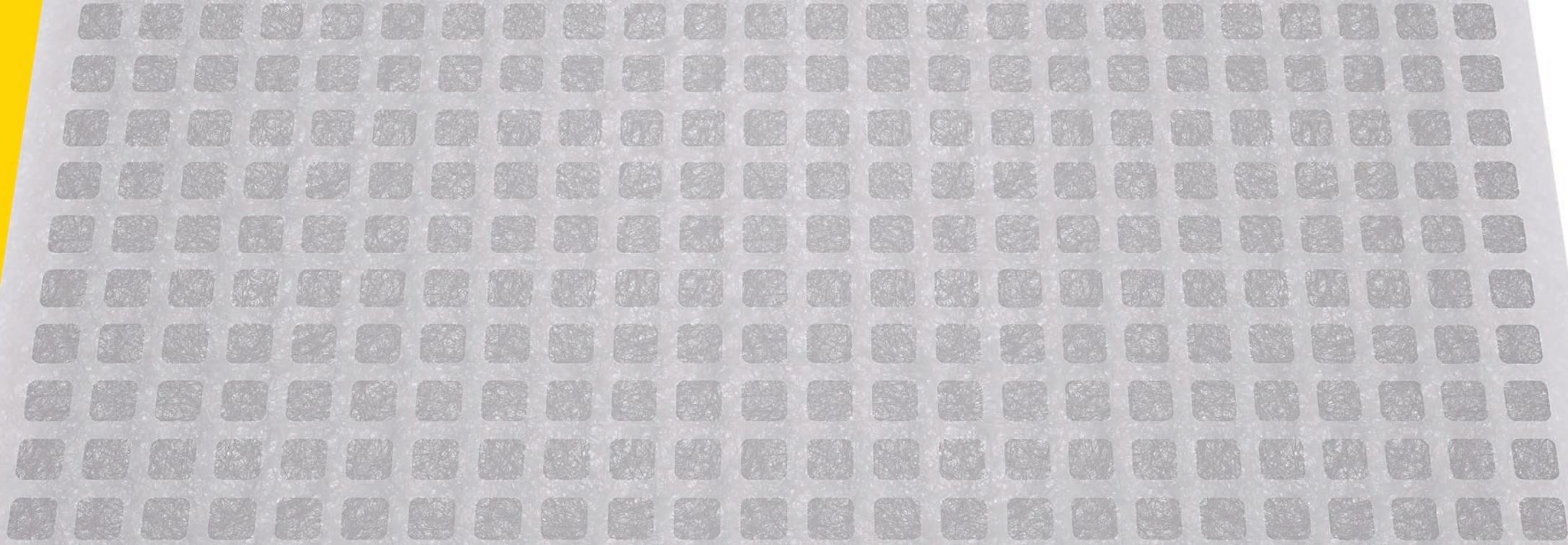


X

L

AIR





Velum air is now available in the XL version for large format machines.

Available sizes are: 1500 mm (59,1 in), 1200 mm (47,2 in), 1000 mm (39,4 in) and 800 mm (31,5 in).

We are also available to assess the needs of individual customers and start customized productions ad hoc.



FAST PROTECTION FOR MOTORS

100

120

150

175

200

230

260

300

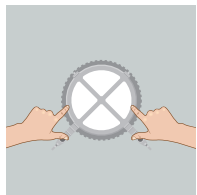
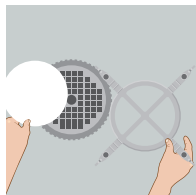
Velum Motor is the perfect solution for the protection of electric motors.

Thanks to the **patented** system with reusable polypropylene support, this filter can be easily applied with a magnet and a normal O-Ring (included in the package).

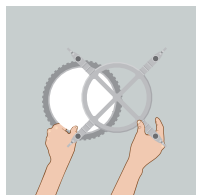
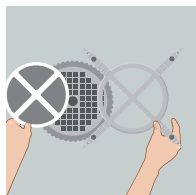


This polyester filter **Velum Motor** can be easily applied on the fan of any kind of electric motor, and has many advantages:

- it protects precious investments such as machinery and equipment;
- it protects the life of the engine and avoids the spreading of suspended particles;
- it reduces maintenance costs;
- no downtime thanks to easy application and replacement;
- it protects the workers' health. Fans in the engines keep the air moving. If the air contains harmful particles, the fan moves contaminated air which is then inhaled by the workers;
- the visual control allows you to change the filter regularly so as to always ensure adequate air flow.



installation



replacement



video





APPLICATIONS

MACHINE TOOLS

AUTOMATION MACHINES

INDUSTRIAL PRINTERS

RECYCLING MACHINES

INDUSTRIAL COMPUTERS

COOLING PLANTS

MACHINES FOR WOOD CARVING



PACKAGING MACHINES

MACHINES FOR THE FOOD INDUSTRIES

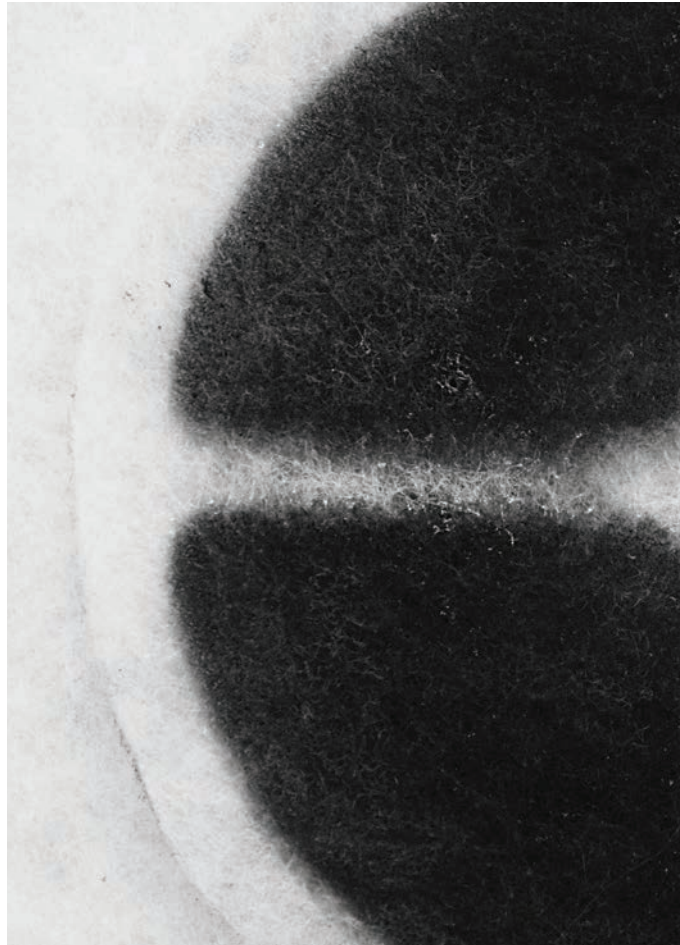
MACHINES FOR CHEMICAL INDUSTRIES

MACHINES FOR PHARMACEUTICAL INDUSTRIES

MACHINES FOR TEXTILE INDUSTRIES

REFRIGERATION MACHINES

PERSONAL COMPUTERS



www.velumprotection.com

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fast protection for electronic machines

