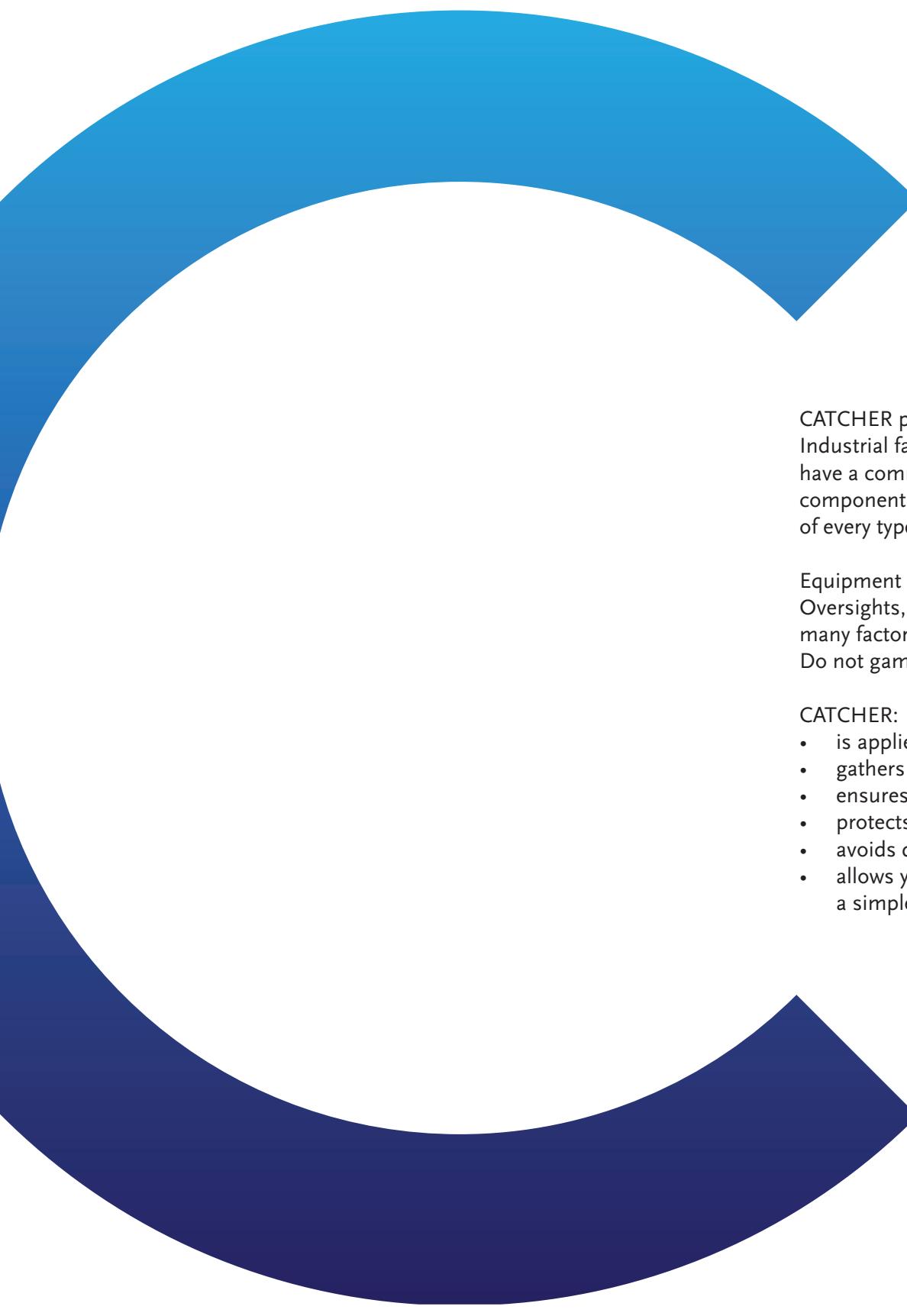




**CATCHER**  
PROTECTS YOUR INDUSTRIAL ENVIRONMENT



**DO NOT GAMBLE WITH DOWNTIME**



CATCHER protective filters are designed to protect your machines from impurities. Industrial facilities, production lines, state of the art electronic machinery all have a common enemy: floating impurities like dust, oily mists or dirt cover the components of every type of machinery.

Equipment cleaning can sometimes become a burdening activity. Oversight, overtime workload, large industrial facilities to inspect: some of the many factors that can dissolve the urgency for care of the machinery. Do not gamble with downtime.

**CATCHER:**

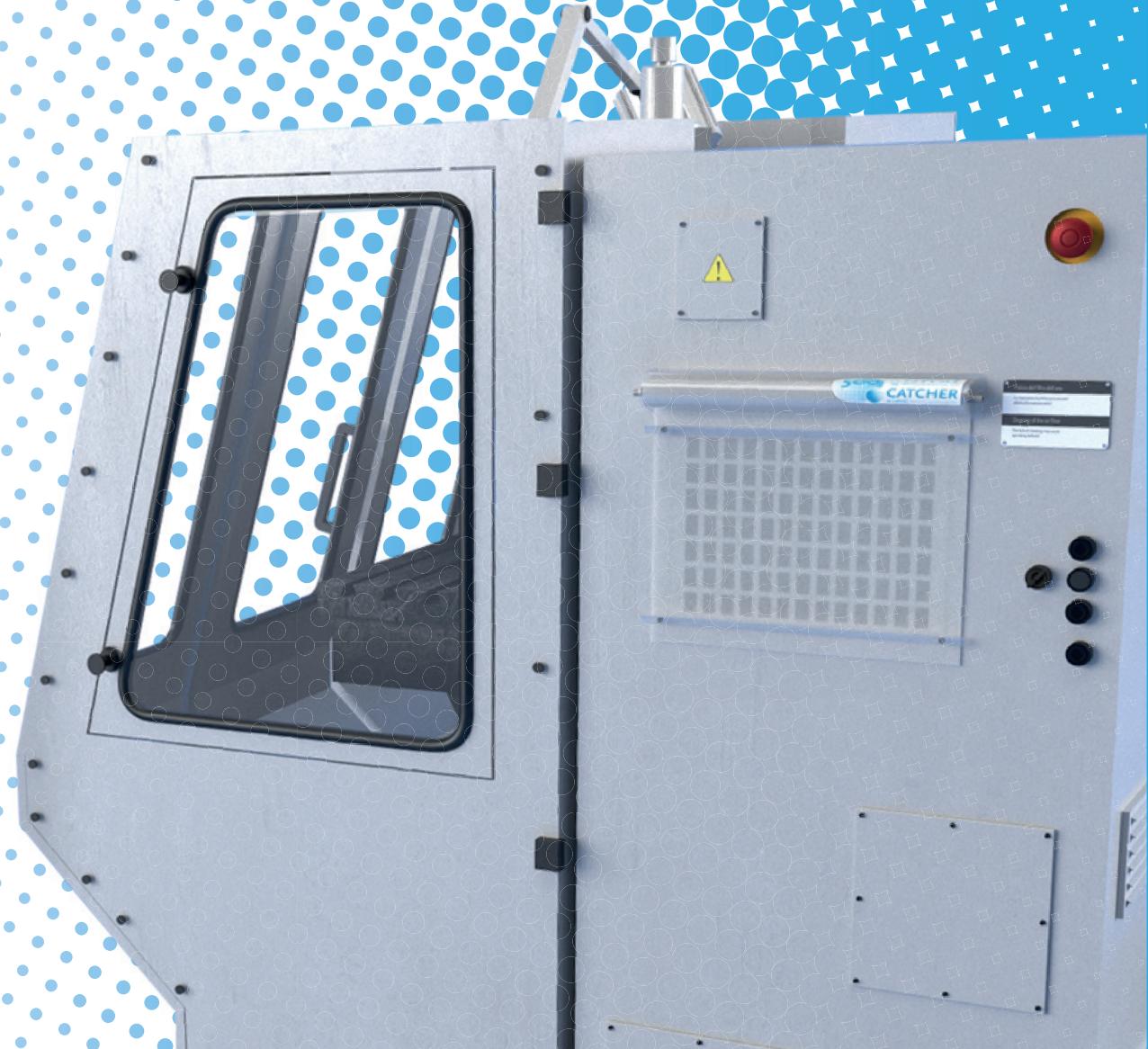
- is applied externally, directly onto the vent grid
- gathers and holds dust and oily mist with its patented-knitted fabric
- ensures the normal passage of fresh and clean air in the machine
- protects the engine and avoids the spreading of suspended particles
- avoids downtime thanks to easy application and replacement
- allows you to change the filter regularly, ensuring adequate air flow thanks to a simple visual control

# mistral

**MISTRAL** is a filter designed to protect electronic and CNC machines from dust and oily mist in industrial environments.

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

To guarantee well-functioning and optimize productivity, all the automation, robot and numerical control machines need a clean industrial environment.



## Protection for:

Automation machinery  
CNC machines  
Electrical cabinets  
Industrial robots  
Refrigeration equipment

installation



replacement

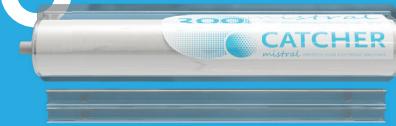


available in five sizes

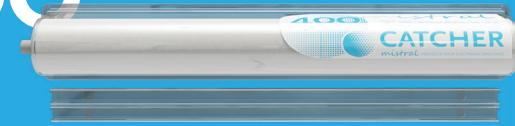
200  
7,87 in



300  
11,81 in



400  
15,75 in



500  
19,69 in



600  
23,62 in



Filter Material for Catcher Mistral:

WType: PW20W

Fiber: PLA

Colour: WHITE

Thickness mm: 0.14

Tensile strength Kgf/5Cm/5 cm MD: 3.5

Tensile strength Kgf/5Cm/5 cm CD: 1

Elongation % MD: 13

Elongation % CD: 12

Tear Strength: 0.2

Air permeability l/(m<sup>2</sup>·s): 4800

Tolerance for Catcher Mistral:

Mass per unit area g/m<sup>2</sup> 40.3 - 90 EN 29073 part 1 ± 10%

Thickness mm 30.5 - 99 EN 29073 part 2 ± 15%

Max. tens. strength N-N/50mm 20.2 - 89 EN 29073 part 3 ± 10%

Elongation % 20.2 - 89 EN 29073 part 3 ± 20%

Air permeability l/(m<sup>2</sup>·s) 140.2 - 99 EN 9237:1995 ± 25%

# zephyr

**ZEPHYR is a filter that protects machines from dust and oily mist in industrial environments, ensures the normal input of fresh air.**

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

To guarantee well-functioning and optimize productivity, all the automation, robot and numerical control machines need a clean industrial environment.



## Protection for:

Compressors  
Compressor cabinets  
Cabinet cooling systems  
Heat exchangers  
Cooling systems

installation



replacement

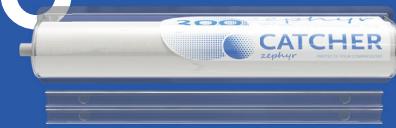


available in five sizes

200  
7,87 in



300  
11,81 in



400  
15,75 in



500  
19,69 in



600  
23,62 in



Filter Material for Catcher Zephyr  
Type: 02305  
Fiber: Polyester  
Colour: WHITE  
Mass per unit area g/m<sup>2</sup>: 25  
Thickness mm: 0.17  
Max. tensile strength dry LD/TD N/5 cm 40/20  
Elongation max dry LD/TD % 18/18  
Air permeability l/(m<sup>2</sup>·s): 5200

Tolerance for Catcher Zephyr:  
Mass per unit area g/m<sup>2</sup> 40.3 - 90 EN 29073 part 1  $\pm$  10%  
Thickness mm 30.5 - 99 EN 29073 part 2  $\pm$  15%  
Max. tens. strength N-N/50mm 20.2 - 89 EN 29073 part 3  $\pm$  10%  
Elongation % 20.2 - 89 EN 29073 part 3  $\pm$  20%  
Capillary flow porometry micron ASTM F316-03  $\pm$  20%  
Air permeability l/(m<sup>2</sup>·s) 140.2 - 99 EN 9237:1995  $\pm$  25%

# chinook

**CHINOOK** is a filter designed to protect electric motors from dust and oily mist in industrial environments.

Protection can sometimes be too time-consuming: urgent deadlines, lack of specialized manpower or even simple omissions may prevent companies from cleaning machinery or replacing filters regularly.

The polyester filter CHINOOK can be easily applied on the fan cover of any kind of electric motor.



## Protection for:

Electric motors  
Fan covers  
Compressor motors  
Refrigeration motors  
Machine tools motors

installation

replacement

Filter Material for Catcher Chinook  
Type: PRS10A  
Fiber: Polyester  
Colour: WHITE  
Material: Thermobonded  
Weight ISO 9073-1 g/m<sup>2</sup>: 100  
Thickness ISO 9073-2 mm: 10  
Filter class EN 779: G<sub>2</sub>  
Initial arrestance EN 779 %: 58  
Average arrestance EN 779 %: 75  
Nominal air flow speed EN 779 m/s: 1.5  
Initial pressure loss EN 779 Pa: 17  
Final pressure loss EN 779 Pa: 250  
Dust holding capacity EN 779 g/m<sup>2</sup>: 633  
Flammability DIN 53438: F<sub>1</sub> / M<sub>1</sub>



available in five sizes

100  
3,94 in

120  
4,72 in

150  
5,91 in

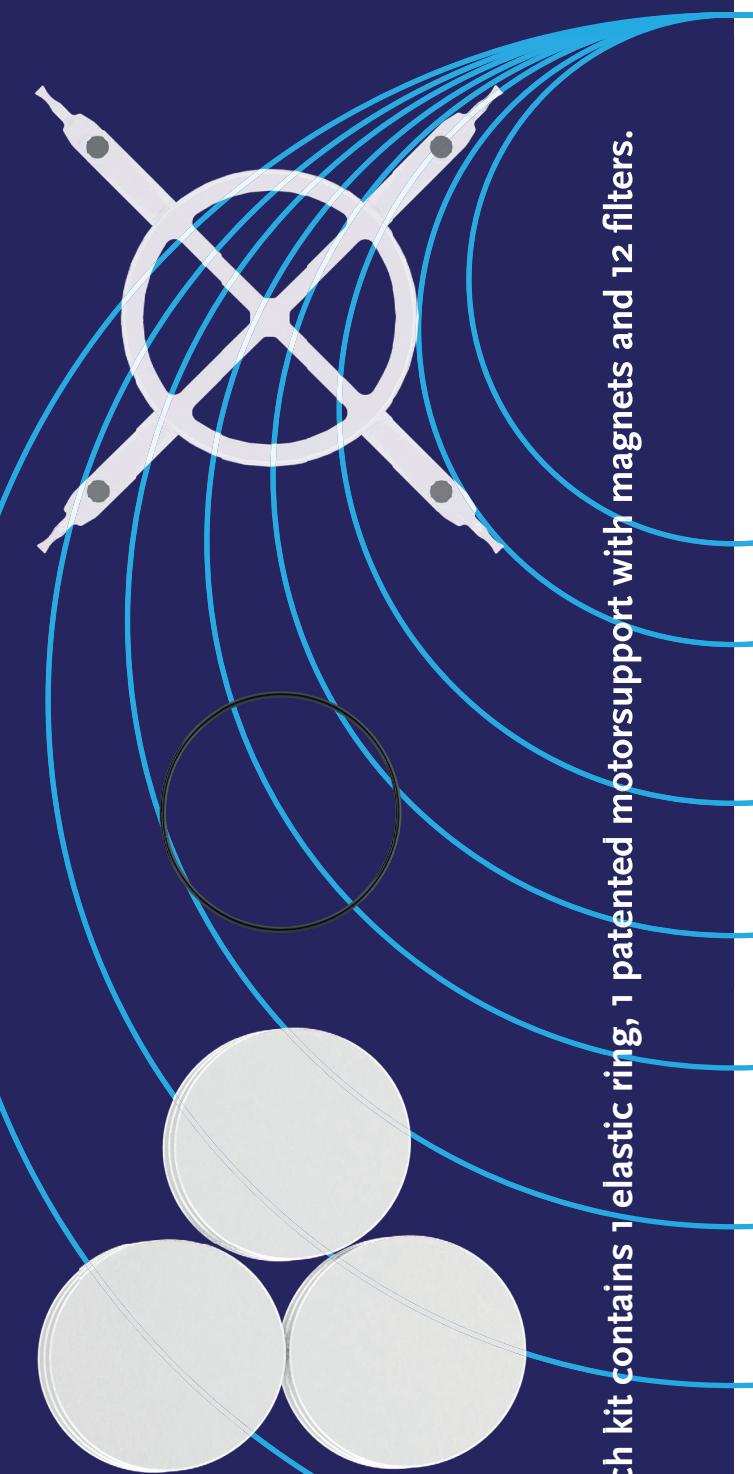
175  
6,89 in

200  
7,87 in

230  
9,06 in

260  
10,24 in

300  
11,81 in



Each kit contains 1 elastic ring, 1 patented motor support with magnets and 12 filters.

## DO NOT GAMBLE WITH DOWNTIME

CATCHER reduces the possibility of malfunctioning, overheating and sudden stops of the machinery used in industrial facilities.

CATCHER can be applied on a wide variety of machines in different sectors:

- Machine tools
- Automation machines
- Cooling plants
- Recycling machines
- Industrial printers
- Industrial computers
- Personal Computers
- 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
- Others electronic machines

video gallery:

mistral



zephyr



chinook





**ALL CATCHER'S LINES PRODUCTS HAVE REFILLS SOLD SEPARATELY**



[\*\*www.catcherprotection.com\*\*](http://www.catcherprotection.com)

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