



Industrial air filtration

We take the dust out of industry

purifying our planet



Efficient filtration solutions

We take the dust out of industry. Since 1991.

Nordic Air Filtration is a global high technology filter manufacturer supplying filters for Resellers, End-Users and OEMs throughout the world. We have a wide range with more than 4000 different filter configurations and 20+ types of high quality filter medias, and we provide air filtration solutions for various industries and dust types, including abrasive, toxic and explosive dust. We have done so with a high degree of success since 1991. We are always eager to solve whatever problems our customers are facing and therefore we offer customized filter solutions and on-site technical field support, enabling the best possible solution and service for our customers.

Making our planet a purer place. Our common claim.

6 years ago we became a part of Hengst, a global family-owned filtration company with strong roots in the high-end automotive sector. We take advantage of their comprehensive filtration expertise from this area and via mergers and acquisitions the filtration expertise within the group are now extremely vast, covering hydraulic, life science, electrical equipment for private households and professionals, healthcare, mobility and much more. We are the filtration people. Globally we are more than 3500 employees at 20+ international locations. Our claim making the planet a purer place, are aiming at protecting people, machines and our common environment.



Nakskov, Denmark - Headquarters of Nordic Air Filtration

Global presence local presence

1991 was the founding year of Nordic Air Filtration. In the past 30 years we have served customers all over the world, and now has divisions in North America, China and United Arab Emirates. Our strategy is to be close to our customers and provide them via email then via mynordic.com; if you are not using our solution, ask your sales representative for access.

Certified, optimized, compliant. Special manufacturing possibilities.

We take it seriously protecting your valuables

We focus on implementing initiatives that benefits our employees, business partners, customers and the environment, therefore we are also certified accordingly. We live up to various standards and certifications, as we know that our customers are trusting us

with their valuables, hence it is important for us to ensure a high quality and trustworthiness in all processes. Below you can read more about the most important ones.



ISO9001:2015

- Quality management system that ensures:
- Products and services meet specified quality requirement.
 - Guarantees optimized and standardized manufacturing processes.



ATEX

The ATEX approved cartridges has it's configuration adapted to the specific application. Therefore our team are always available for assisting you, so that we ensure that the product live up to your requirements.



EC 1935:2004

- Food contact materials (FCM) comply with:
- Good Manufacturing Practice
 - (EU) No. 10/2011
 - HACCP guidelines



ISO 16890

We are testing our products according to the newest filtration standards. This way we ensure that you are choosing the most suitable solution for your specific application.

4000+ filter combinations for all industries

Our portfolio is broad and our experience high

We supply industrial filter cartridges for all dust collectors ranging from silo-top collectors, horizontal or vertical mounted cartridge collectors, pleated bag collectors or flat cell. On the following pages you will find information about our standard cartridges.

In addition to that we also offer customized solutions and manufacture exclusive cartridge design for OEMs. With a range of more than 4000 different filters, we provide solutions for various industries and dust types.

 Cement Solutions for large quantities of abrasive dust particles	 Chemicals Solutions that meet strict industry regulations	 Sandblasting Solutions for large quantities of abrasive dust particles
 Metals / Aluminium Solutions for high temperature and abrasive dust particles	 HVAC Solutions for all environments	 Textile Solutions with large filter surfaces to capture fiber dust
 Food & Beverage Food grade and FDA-Compliant solutions	 Powder Coating Solutions for non-conductive collectors and abrasive dust particles	 Other industries Solutions for high temperature etc.
 Paper, Pulp, Woodwork Solutions capturing all particle sizes	 Plasma / Laser cutting Solutions for high temperature and abrasive dust particles	

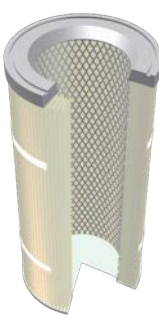


More information about our Case Studies here.

Nordic wide range of quality filters

A more economic alternative

At Nordic Air Filtration we take pride in serving your every need, this also means that we have invented improved products to many of the most known and used filters. This is done to ensure a wide variety of filters, and provide our customers with a competitive alternative.



Steck
Molded PU topcap



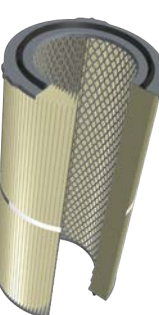
Oval Filter
Dirty side removal



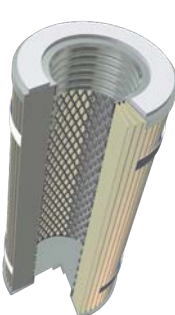
Square End cap
Galvanized or stainless



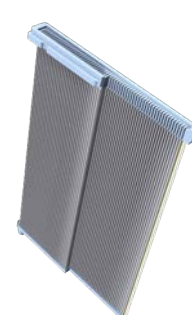
Twist Lock
47 mm / 1.85"
52 mm / 2.05" or US



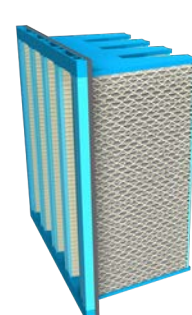
Curly Bracket
In various lengths



Thread
Cylindrical or Conical



Flat Cell
Some models also available in a Tip2Tip version



HVAC
For better indoor climate

DIN Cartridge

DIN Cartridge is used in all standard applications from shot blasting to wood dust filtration and can be manufactured in a conductive/antistatic version suitable for operation in ATEX environment. Also, it can be supplied in a stainless steel version compliant for food grade.

- Cylindrical or Conical
- Dirty or clean side removal
- Most commonly used cartridge for dust collectors
- Available in a recyclable version



Jet Cartridge

The Jet Cartridge is especially suited for compact filter collectors which requires 3 or 4-lug mounting. It can be installed from either the clean side or the dirty side. It is customized directly on site by placing the gasket either on the upside or underside of the top cap. Top cap can be supplied with or without Venturi Lock.

- Aluminum or galvanized
- 3-lug or 4-lug
- Dirty – clean side removal
- Available in a recyclable version



Clean Side Cartridge

The Clean Side Cartridge comes in both a conical and cylindrical version. The compact filter cartridges are optimal for mobile filter units and are particularly suitable for industrial vacuum cleaners and welding fume dust collectors.

- Optimal for mobile filter units
- Conical or Cylindrical
- Available in a recyclable version

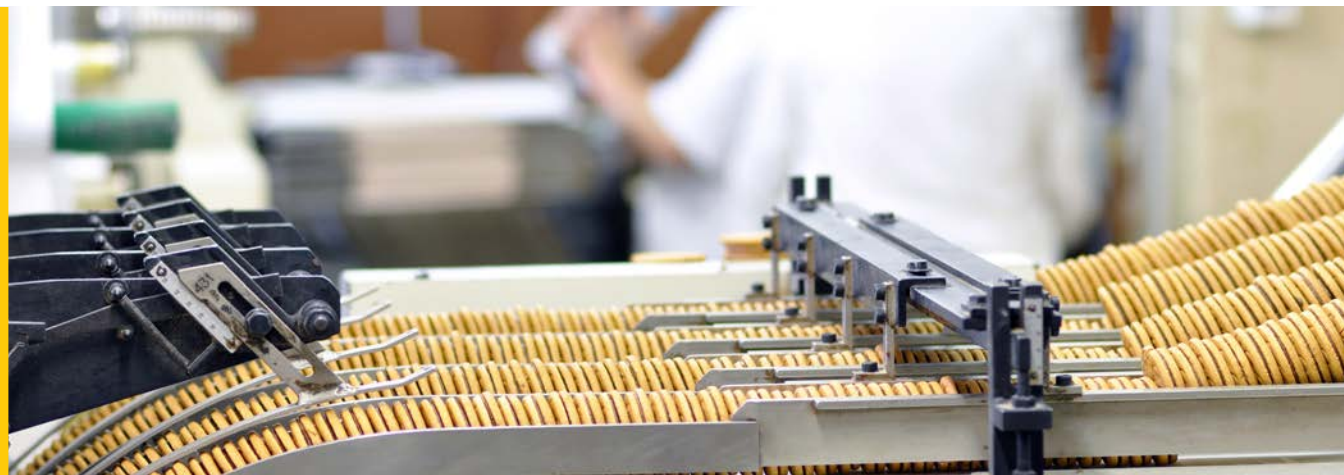


We go where customers require

We now have Food & Beverage filtration solutions in accordance to EC1935:2004

Since 2020 we have rescheduled and adapted our production processes to be 100 % compliant with EC1935:2004. This require big help and effort from

our production crew and visitors at the factory. You can find more information about the EC1935:2004 certification on our website.



Filter solutions for food processing

Our cartridges can be customized in terms of shape, height, diameter and pleat geometry. Moreover, the products designed for the food and pharma industry are antistatic and all components are certified for usage within food manufacturing and living up to all EC1935:2004 requirements.



Maximize your baghouse performance

Upgrading your baghouse from filter bags to pleated bags gives you many benefits, and can be done without altering the design of your existing baghouse.

The Pleated Bag can substitute up to 8 meter filter bag, optimizing your collector even more, providing the mentioned advantages to name a few:

- Increasing the filter surface area with 2-4 times
- Reduce energy costs by 50%
- Lower you emissions with more than 60%
- 20% lower pressure drop

You can get pleated bags as top loaders in various lengths up to 3 meters and diameters ranging from 115-208 mm, with steel caps for high temperature or with a square top specifically for the French market. We also make the pleated bag in a bottom loader version and as a Multifit where an adapter ring ensures easy installation and retrofit without modifications.

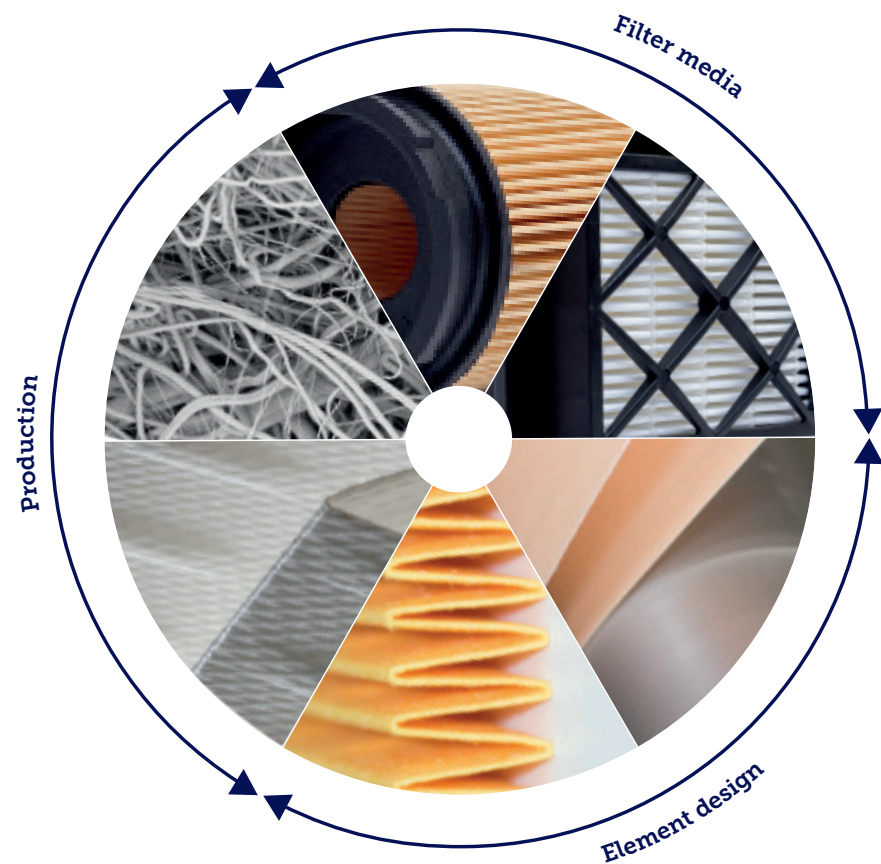
An alternative to Filter Bags

Guide: Configure your filter

Customizable filters to fit your specific needs

We always recommend the most suitable solution based on our experience and knowledge, but it is still possible to configure your own filter that fits your unique requirements. We are always very flexible and eager to help you find your optimal solution, and the R&D departments work

closely together to ensure our global customers' new unique products that provide added value. We strive to continuously develop innovative filtration solutions that increase performance, reduce operating cost and maximizes outcome for our customers.



- 01

End caps

- Molded polyurethane (Soft/Hard)
 - Stainless steel
 - Galvanized or Powder coated
 - Plastic ABS - non corrosive/100% recyclable
 - Star bottom
- 02

Mesh

- Metal/plastic inner spiro
 - Expanded welded metal inner/outer mesh (Galvanized, Stainless or Powder coated steel)
 - Expanded Helix metal inner/outer mesh
 - K-profile for corrosion free quality
- 03

Separators

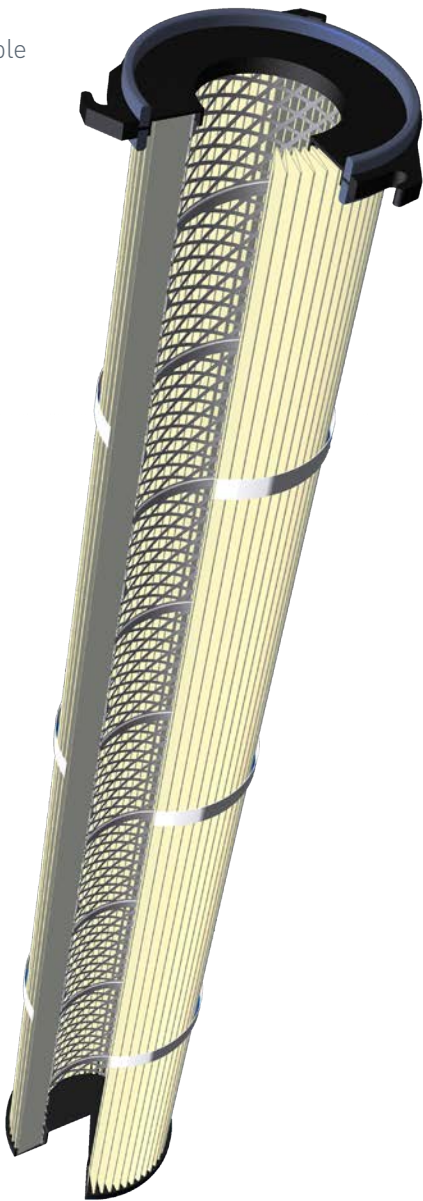
- Glued strap branded with your logo
 - Weltech ultrasonic welded strap (FDA compliant)
- 04

Gasket

- Seamless foam gasket
 - EPDM
 - Silicone
- 05

Media

- Can be equipped with Nordic Air Filtration's media selection.



How to choose the optimal filter media

Filter media properties and their impact on performance

Choosing the optimal filter media for a specific application is not an easy task, but as the filter performance is highly dependent on it, it is something that you can not take lightly.

Factors affecting the filter performance and its dust holding capacities include: filter construction, collec-

tor airflow, type of contaminants/dust, temperature and humidity, operating environment and particle sizes.

Our team is always committed to asking the right questions, ensuring that you find the optimal filtration solution for your needs.

Our media range at a glance

Choosing the right media should depend on the characteristics of the filtered dust. Nordic Air Filtration's media portfolio has a broad variety of options depending on efficiency and costs.

Cellulose & Blend media, suitable for low efficiency applications (low budget alternative)
Media: UX-Nano HP, UX-Nano HP FR, 138FH, 138ALUFH

Flame retardant media, suitable for plasma & laser cutting, and explosive environments such as alumina, flour, coffee and sugar dust applications.
Media: UX Nano HP FR, 138ALUFH, 908

Standard Polyester
Media: 909 series

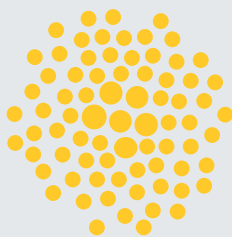
High performance Polyester
Media: 806 series

Standard e-PTFE membrane, high efficiency filtration – E11 according to EN1822
Media: 900 series

Durability e-PTFE membrane, a TETRA-TEX product
Media: 800 series

High performance – **Nano Media**
Media: UX-Nano HP & UX-Nano HP FR

High Temperature media
Media: PPS, Meta-aramid, P84



Dust type

Particle size, contents & compositions



Operating Environment

Coastal, urban, arctic, desert, tropical, offshore



Operational Condition

Humidity, dust, concentration, collector, temperature, collector airflow



Emission levels

Emission level required vs. required efficiency

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HENGST FILTRATION