



# COMPLETE SOLUTIONS FROM INSPECTIONS TO MODERNIZATION

CLEAN AIR TECHNOLOGIES

## ENVIRONMENT & ENERGY

We are committed to environmental responsibility and the development of a cleaner, more sustainable future for current and future generations. For this reason, ANDRITZ is dedicated to the selection, development, and manufacturing of filter bags that not

only meet the highest quality standards but are also designed to address the specific needs of each client. With cutting-edge technologies, ANDRITZ is a trusted partner, recognized for its reliability and expertise.

Our approach not only expands current markets, but also adapts to the evolving needs of environmentally conscious industries and green energy sectors, fostering long-lasting and sustainable relationships over time.

# ANDRITZ

# Fabric filter portfolio

## EcoTeq™ Filter Bags

The fabric filter (or baghouse or bag filter) uses a filter medium to separate particulate matter (PM) from the flue gases. The PM is deposited on the surface of the fabric filter, which can be made of different materials depending on the physical and chemical composition of the flue gas. The dust is removed periodically when bags are cleaned.

ANDRITZ fabric filters have been developed over the past few decades to reduce particulate emissions, capital cost, and footprint.



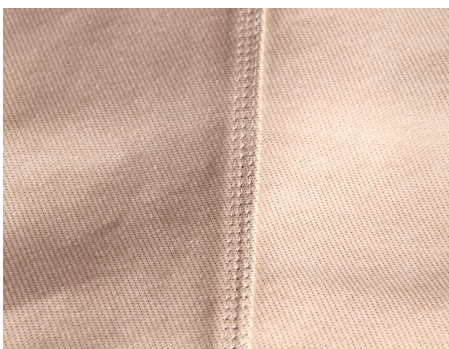
Bags and Cages.



## Filter Bags

Filter bags are essential for particle retention in extracted air, ensuring effective filtration.

At ANDRITZ, we manufacture custom filter bags using a variety of materials to meet the specific needs of our clients, taking into account the type of process and the characteristics of the dust.



## Treatments and Finishes

Improve the performance and durability of your filter bags with our specialized treatments:

- **Physical Finishes:** Glazing, singeing, and calendaring.
- **Chemical Treatments:** Water and oil repellency, Teflon coating.

ANDRITZ offers a wide range of options to meet your specific needs.



## Teflon Membrane

Surface filtration with Teflon membrane offers:

- **Increased Efficiency:** Captures more fine particles on the surface.
- **Extended Service Life:** Facilitates cleaning and reduces wear.

ANDRITZ optimizes operational and maintenance costs with this advanced technology.



**Our cages, manufactured from high-quality steel and subjected to specialized treatments, therefore, our cages are designed to withstand the most demanding conditions, ensuring optimal performance and extended service life.**



### **Cages:**

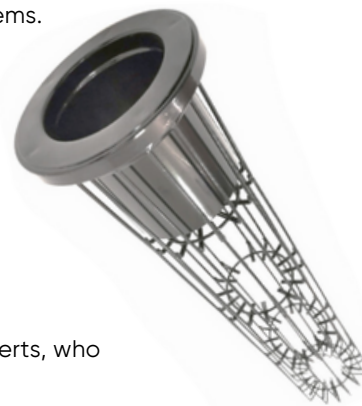
ANDRITZ offers a wide range of cages in various models and materials, tailored to different industrial needs.

- Black Steel Cages
- Galvanized Steel Cages
- Epoxy Coating
- Stainless Steel 304 or 316

These cages can be manufactured as a single piece or in a two-part design and include accessories such as Venturi, Cap, and Neck to ensure optimal performance in any application.

### **Bag - Cage Adjustment**

The correct compatibility between the filter bag and cage is essential for efficient dust collector performance and extended bag life. ANDRITZ ensures a precise fit through meticulous manufacturing and adaptation to provided specifications or samples, thereby ensuring seamless integration and reliable performance in your filtration systems.



# **Fabric Filter Services**



### **Inspections**

Our evaluations are conducted by dust control experts, who identify areas for improvement and optimization.

Our goal is to produce a detailed report with recommendations and enhancements, increasing system efficiency and achieving a significant reduction in operational and maintenance costs.



### **Comprehensive service solutions**

- Field services (inspection, troubleshooting, commissioning and training)
- Spare Parts (OEM and oOEM)
- Service Agreements
- Service Centers (bag analysis, performance analysis or optimization...)



### **Retrofits and Upgrades**

Our experts specialize in optimizing dust collection systems, enhancing extraction efficiency in the workplace and reducing operational and maintenance costs.



## CLEAN AIR FOR A BETTER PLANET

ANDRITZ is a leading supplier of innovative clean air technologies. Our product range combines more than 130 years of experience with the specific knowledge gained from over 5,000 installations around the world. We provide you with tailor-made environmental solutions focusing on reduce emissions and improved performance and efficiency to meet changing market conditions and comply with evaluate strategies. ANDRITZ offers high-end technologies and is your right partner when it comes to compliance with emission regulations and lifecycle optimization on your Clean Air Technologies equipment. Contact us all over the word.

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