

## Top of the Filter Bag

The top comes in different versions according to the customer's need. Snap band SS double ring and one steel ring, steel cap, and rubber. Any kind is available. The top is sewed to filter body by the expert hands of our tailors.

## Bag Design

Each bag comes with a specific agreed design and drawing. We produce bags in oval, double oval, round and pleated construction. An enhanced bag with a wider filtration area completes our range.

## Construction

The main manufacturing facilities of CleanAir bags are located worldwide. Our goal is to reach our customers on different continents directly on sites. Our network suppliers are equipped with premium German, Japanese and Swedish technology: needle punch equipment, laminating, and hanging. Our R&D team can evaluate the lifetime of the filter bag in any specific condition. All are managed and integrated inside: from raw material to fiber to felt.

## Bottom Part Filter bag

The different finishing of the filter bag bottom includes the round bottom, the oval bottom, and the plat stitch bottom. All sewing is reinforced and carefully checked.

## For any applications

The manufacturing of CleanAir filter is always customized according to the customer's needs. By looking at the characteristic of the plant, the pollutant concentration, and the processes, our engineering department will choose material, shape, and finishings suitable to grant the desired emission levels. We provide solutions for Jet Pulse, Reverse Air, and Shaker collectors.

## Material quality

The filter bag media is chosen according to the specific customer application required. From PP and PE, our gamma of materials includes PPS, ARAMID(NOMEX), P84, PTFE, and FMS (fiberglass+P84). We use the most advanced and technical fabrics to grant a lower emission level.

## Sewing

The filter bag body is sewn using high-speed automatic machines. The connection could be realized both by stitching or by hot melting (for PPS and polyester)

Suitable to use with the EcoSmart Cage

# Filter Bags

Empowering our experience in industrial filtering



Market Segmentation

Our filter bags had several applications in several areas over time. Any time protection against pollutants and emission control is required we can offer our wide gamma of solutions.

We are specialized in areas like cement and steel, and power generation in all its technologies and chemicals.

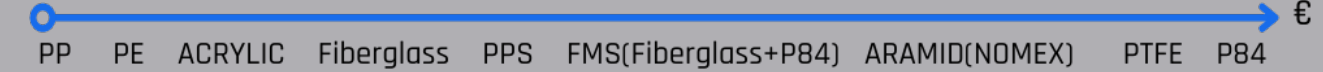
### Technology and finishing

R&D at CleanAir manufacturing partner laboratories extend activities voted to study and improve the approach of gradient filter tissue technology, research of wear and tear-resistant fibers, sparks & fire-resistant materials, and anti-static fabrics. PTFE impregnation, the addition of the PTFE membrane, and the traditional treatments of singeing, calendaring, water & oil proof, and acid resistance treatment complete the available finishing.

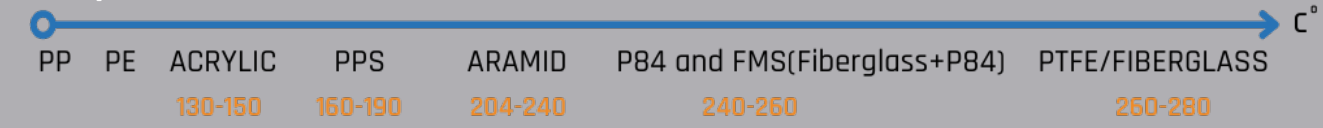
### Range of solutions

We help you to choose the filter bag which fits your emission requirements.

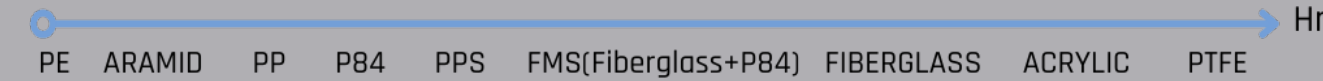
#### Price



#### Temperature



#### Moisture



Iron & Steel



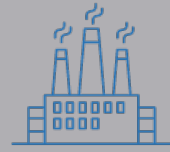
Cement & Asphalt



Chemicals



Power Stations



Oil & Gas



Agri & Food



# CleanAir Filter bag



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REVO July 2022  
...

Premium filter bags and accessories

Branded **Customized**  
high performance  
Filter Bags



## Performances

- Up to 950 gsm fabric weight (FMS)
- Up to 280 °C temperature application
- From 12-50 up to 120-180 L/dm<sup>2</sup>/min permeability range
- More than 1200 N/m tissue tensile strength
- Up to 11 meter long filter bags



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