

GORE® Filtration Products



REDUCED EMISSIONS.
LOWER COST OF
OWNERSHIP.

Advanced Filtration Solutions
For The Cement Industry

Together, improving life



INTRODUCING THE FUTURE OF FILTRATION IN THE CEMENT INDUSTRY

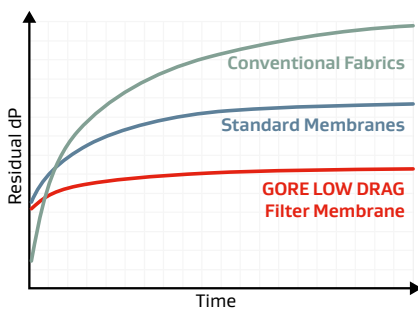
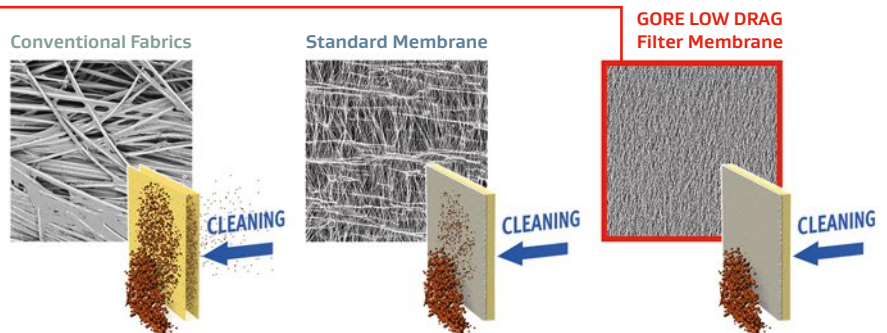
GORE® LOW DRAG Filter Bags

GORE LOW DRAG Filter Bags incorporate an entirely new class of membranes which provide a fundamentally more cleanable surface. This results in lower baghouse differential pressure which can either lead to higher airflow during operation or a reduction in fan energy consumption.

The bags improve particulate capture efficiency, leading to lower emissions overall. And with their longer effective bag life, our bags result in reduced cost of ownership.

Gore's latest innovation – a revolution in industrial filtration.

GORE LOW DRAG Filter Bags are inherently less resistant to airflow, allowing them to more efficiently drive air through them during filtration. The key is improved cleanability, without any effect on durability or particulate capture efficiency.



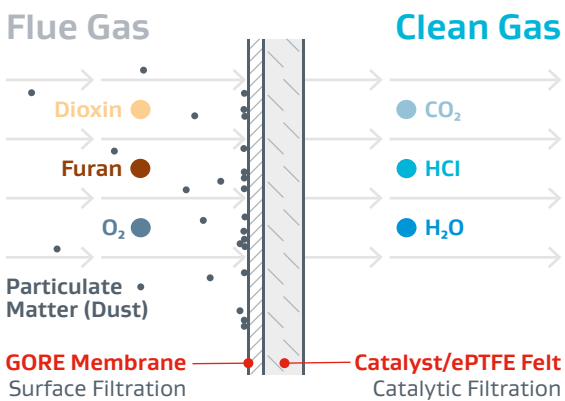
Benefits for Cement Producers

- Reliably meeting emission limits
- Achieving lower production costs by
 - Eliminating unplanned shutdowns
 - Optimizing feed rates
 - Reducing energy costs

Gas Phase Remediation Products

Dioxin and Furan Reduction

The threat of dioxins is drawing increased attention around the world, with reports about dioxin levels in food products generating great concern and new restrictions being issued as a result. GORE® REMEDIA® Catalytic Filter Bags offer substantial benefits over sorbent injection systems for the control of dioxins.



With their no-maintenance technology that is safer for employees and doesn't require new equipment, GORE REMEDIA Filter Bags

- destroy gaseous dioxins
- reduce corrosion and control dust
- lower disposal costs and overall cost of ownership

Remove particulate matter highly efficiently and destroy gaseous pollutants

NO_x and NH₃ Reduction

Based on more than 15 years of experience in catalytic filtration, Gore has developed the new GORE® DeNO_x Catalytic Filter Bags to meet strict compliance requirements for the reduction of NO_x and ammonia at a much lower investment cost than an SCR tower.

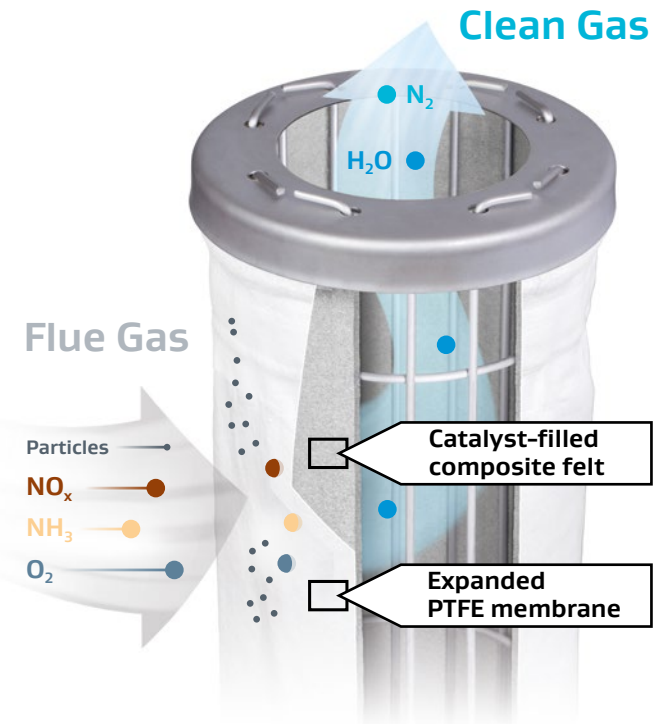
Benefits for ...

Existing Baghouses

- Low investment for new equipment
- Easy to install and maintain
- Minor operational changes
- No additional footprint
- No differential pressure increase

New Plants

- Simplify flue gas treatment line
- Save energy costs
- Reduce capital investment cost
- Easy to install and maintain



Cement Industry

Achieving emissions control with the lowest total cost of ownership is a hot topic in the cement industry. Cement plants are driven by throughput, but failure to comply with environmental regulations could seriously impact production and introduce a slew of additional costs.

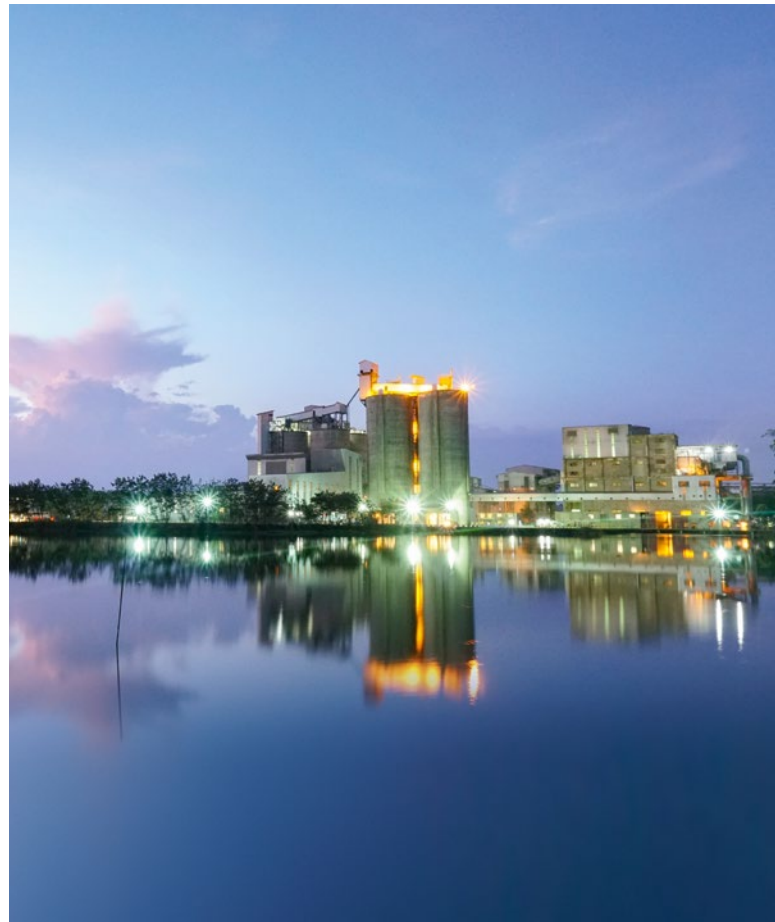
This is why cement producers around the globe trust GORE® Filter Bags. Our bags keep plants comfortably in compliance, ensuring safe working conditions and unconstrained operations day after day.

Our filter bags provide the optimal balance of:

- extremely high filtration efficiency
- very low resistance to flow
- extremely long filter life
- reliable low cost of ownership

FLUE GAS STREAMS

When mercury must be removed from flue gas streams, the GORE Mercury and SO₂ Control System provides high efficiency and capture capacity with no impact on the final product.



Gore. Your Trusted Partner.

Gore develops products and technologies that address complex product and process challenges in a variety of markets and industries, including aerospace, automotive, pharmaceutical, mobile electronics, oil and gas – and more. Through close collaboration with industry leaders

across the globe, Gore enables customers to design their products and processes to be safer, cleaner, more productive, reliable, durable and efficient across a wide range of demanding environments.

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