



# GORE® Filtration Products

Cement Industry

## Case History 2

## Clinker Cooler

### OPTIMIZATION POTENTIAL

Plant installed new baghouse and wanted to obtain optimum performance with long-term reliability. They also wanted high system productivity with low pressure drop to save on energy costs.

### SOLUTION

New set of GORE® High Durability SUPERFLEX® Filter Bags were installed. Gore engineers visited plant to optimize all system settings and monitor startup performance.

### RESULT

Since installation in 2004, filter bags have been meeting all performance expectations and are maintaining high productivity targets set for the baghouse.



<b>Process Description:</b>	Clinker Cooler
<b>Collector Manufacturer:</b>	Control Ambiental
<b>Design Airflow Rate:</b>	261,017 m <sup>3</sup> /hr (154,000 acfm)
<b>Design Temperature:</b>	127° (260°F)
<b>No. Bags/Collector:</b>	1,664
<b>Cleaning System:</b>	Pulse Jet
<b>Air-to-Cloth Ratio:</b>	Gross 1.05 m/min (3.45:1 ft/min)
<b>Bag Material:</b>	GORE® High Durability Filter Bag (GORE® SUPERFLEX™ Fabric, 630 g/m <sup>2</sup> , 18.5 oz/yd <sup>2</sup> )

FOR INDUSTRIAL USE ONLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

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