



Gore™ Filtration Products

Chemicals Industry

Case history 10

PVC plastics

OPTIMIZATION POTENTIAL

Production process was limited by low airflow of existing filter bags. Two 20 ton grinders could have been set up to feed into a single baghouse, but the existing bags could not handle the extra airflow.

SOLUTION

GORE™ High Flow Polyester Filter Bags were installed and system settings were optimized for use with two grinders. Productivity was improved and system is still reliably running after over 3 years installation.



RESULT

Process was made more efficient by running both grinders into a single baghouse with possible cost savings over time.



Photo: SolWin S.A.

- Application:** Grinding of PVC
- Feed rate:** 145 t/d
- Number of lines:** 7
- Gas flow rate:** 15.000 m³/h
- Temperature:** 43° C
- Filter area:** 240 m²
- Filter material:** GORE™ High Flow Polyester Filter bags

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