

## SUCCESS STORY

### PVC Paste Korea

#### Problem

Baghouse pressure drop was about 200mm wg. The high  $\Delta P$  limited production. The production throughput was only 2.5 ton per hr out of 3.2 ton per hr production capacity at 11 months after using conventional Polyester felt filter bags. Bag life of the conventional Polyester felt filter bags was about 1 year.

#### Data

*Design Flow	<u>913Am<sup>3</sup>/hr @ 68 °C</u>	*Air to Cloth Ratio	<u>0.95m/min</u>
*Inlet Dust Loading	<u>72gm/Nm<sup>3</sup></u>	*Baghouse Type	<u>Pulse Jet</u>
*Bag Quantity	<u>774 pcs</u>	*Bag Dimensions 130dia x 3085length (mm)	

#### Solution

Replaced the conventional Polyester felt filter bags and installed 774 pcs of TETRATEX® membrane/Polyester felt filter bags

#### Result

TETRATEX® membrane/Polyester felt filter bags help reduce the high pressure drop to below 150 mmWG. As a result, production recovered to 3.2 ton per hr and bag life extended to 3 years.

Revised 15 Feb 2005