

Focus on Chemical Processing

Pigments, Plastic, Rubber & Synthetics



GS32 on Plastic Dust

APPLICATIONS THAT PRODUCE CHEMICAL DUSTS

- Weighing
- Calcimine
- Salting
- Blending
- Packaging
- Coatings
- Drying
- Sieving
- Batching
- Screening
- Pigments
- Mixing
- Conveying
- Sack tipping stations

Camfil APC dust and fume collectors improve air quality in chemical processing facilities. They protect the workplace and environment from fugitive particles that can sicken employees, harm equipment, contaminate products and cause combustible dust explosions.

GOLD SERIES X-FLO

This dust collector performs well in applications where dry materials are batch mixed, conveyed and processed. Many of these materials, like pesticides and insecticides are dangerous materials that are toxic to workers and the environment. Other raw materials like silica carry long

term exposure risks that are regulated by OSHA. The Gold Series X-Flo combines high performance, a modular design, ease of service, and optional bag-in/bag-out filter change out.

GOLD SERIES CAMTAIN®

This dust collector was created to safely contain potent and toxic compounds, featuring a safe-change containment system for the filter cartridges and discharge system. It combines enhanced performance and ease of maintenance.

- Reduces re-entrainment of dust into the filters using a high entry, cross flow inlet. This eliminates upward velocities and holds fine particles in the filter cartridges.
- Uses vertically arranged filters that shed particles better in heavy loading applications.
- Filtration efficiencies up to MERV 16 per ASHRAE 52.2:2007.
- Specially treated filter media repels fine particles and moisture for a low pressure drop and long filter life.

- Safe-change containment systems are available for both the filter cartridges (using the bag-in/bag-out method) and discharge system underneath the collector (using continuous liner technology).
- Also collects nuisance dusts and fumes that do not require full isolation and containment.



GS16 on Fumed Zinc Oxide

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QUAD PULSE PACKAGE SERIES

Many processes in the pharmaceutical and chemical industries produce high concentrations of hazardous dusts. Cleanable filter systems make it possible to have continuous manufacturing processes and prevent regular, expensive filter replacements. The Quad Pulse Package family cleans filters in four segments, one at a time so that they are continually cleaned without interrupting airflow. The system is available with one filter cartridge and two filter cartridges for higher air volumes. Primary filter with excellent filtration efficiency removes the majority of collected dust and prolongs the service life of the second-stage filter. Its compact design features easy installation and bag-in/bag-out (BIBO) process for the primary/secondary filters and discharge bin. HEPA filters up to H13 filtration efficiency.

- Constructed with a pressure-resistant housing to provide the highest explosion protection in accordance with NFPA standards.
- Uses one or two high efficiency pleated filter cartridges, made from conductive nanofiber or PTFE media for exceptional dust release.
- Filter cartridges are regularly auto-cleaned in segments, enabling continuous manufacturing with reduced energy consumption.
- An automated filter cleaning system eliminates frequent filter replacement.
- Easy access for maintenance, including filter replacement.