camfil
CLEAN AIR SOLUTIONS

Stat-Safe™
Static Dissipative Filters

WHAT IS A STATIC DISSIPATIVE FILTER?

Static dissipative filters protect against static charge and the buildup of static electricity by actively dissipating the static. Accumulated charges can create a spark or other event causing harmful effects such as fire or explosion, and other equipment damage that could harm personnel. Typical markets in which this occurs are the manufacturing of pharmaceuticals, plastics, textiles, agriculture and food, packaging or converting, automotive, aviation, and more.

To ensure safe operation, Camfil collectors ground the filter via a ground-to-earth connection. Once grounded to earth, metal and other antistatic components are ground entirely through the filter to ensure proper connectivity across the unit.

Selecting the right filter and filter media is crucial for managing static electricity within dust collectors and ensuring the safe operation of a dust collector system.

MEDIA OPTIONS

FC - Fire Retardant Carbon
The HemiPleat fiber blend media is impregnated with carbon fibers for static dissipation, chemically treated with a fire retardant, and rated MERV 10.

HFC - High-Efficiency Fire Retardant Carbon
A melt-blown laminate is applied to the surface of the HemiPleat media for higher filtration efficiencies, and it is rated MERV 16.

XFC - Extreme Fire Retardant Carbon
eXtreme nanofibers are applied to the HemiPleat fire retardant carbon filter media for a durable coating perfect for surface loading and pulse cleaning, raising efficiency to MERV 15.

DPA - Aluminized Spunbond Polyester
Camfil Dura-Pleat spunbond, heavy-duty, all-purpose polyester, moisture-resistant media with a conductive aluminized finish applied for static dissipation and good dust repellency rated at MERV 11.

DPTC - PTFE Coated Carbon Spunbond Polyester
Camfil Dura-Pleat media with a laminated polytetrafluoroethylene (PTFE) membrane for very high efficiencies of fine particulate and superior dust cake release. Rated up to MERV 16.

All static dissipative filters are tested per ASHRAE 52.2:2017 for the resulting MERV ratings.

KEY BENEFITS

- Patent pending exclusive technology for near-zero chance of grounding failure
- Merv 10 to Merv 16 Efficiency
- Treatments and finishes for fire retardancy available
- Membranes and lamination available for higher efficiency and strategic dust release properties
- HemiPleat & Dura-Pleat construction for long-term low-pressure drop on challenging applications

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